

SCTE CABLE-TEC  
EXPO<sup>®</sup> 23

OCTOBER 16-19, 2023 • DENVER, CO

CELEBRATING 40 YEARS

SCTE  
a subsidiary of CableLabs<sup>®</sup>

# EXPO<sup>®</sup>ential

Connect. Collaborate. Innovate.

Program Guide and 40th Anniversary  
of Expo Celebration

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**Synamedia**

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SCTE's Energy 20/20 Program: Powering cable's success since 2014 through energy efficiency and sustainability!



# Welcome

Welcome to the 40th anniversary of the SCTE® Cable-Tec Expo®! It is with great pleasure and immense pride that we extend our warmest greetings to each and every one of you as we come together to celebrate this remarkable milestone.

Over the past four decades, the SCTE Cable-Tec Expo has grown to become the premier industry trade show for the cable telecommunications and broadband industry. This annual event has served as a catalyst for innovation, collaboration, and advancement, bringing together the brightest minds, the most cutting-edge technologies, and the most forward-thinking organizations.

This year's Expo promises to be our most exciting and impactful yet with 104 peer-reviewed technical papers, more than 100 educational sessions, and 330+ exhibits. We are poised to delve deep into the technological frontiers that lie ahead with an unparalleled lineup of more than 320 speakers including industry experts, inspiring keynotes, and thought-provoking panel discussions.

But this event is more than just a conference and trade show. It is a testament to the unwavering spirit of our industry—the dedication, perseverance, and passion that drives us to push boundaries and redefine what is possible. It is a celebration of the collective achievements of every individual who has contributed to the growth and success of our industry.

We encourage you to make the most of the opportunity to connect with fellow professionals, exchange ideas, spark collaborations, and gain insights that will propel your organization(s) to new heights. Embrace the spirit of innovation and discovery that has defined our industry.

On behalf of the entire team at SCTE Cable-Tec Expo, we extend our deepest gratitude to our sponsors, exhibitors, presenters, and attendees for their dedication and support. Together, we will continue to shape the future and create a lasting impact on the world.

We wish you all a memorable and inspiring experience at the SCTE Cable-Tec Expo's 40th anniversary, where great minds, passionate professionals, and visionary leaders come together to celebrate the past, embrace the present, and shape the future.



**Mark Dzuban**  
President & CEO,  
SCTE®, a subsidiary of  
CableLabs®



**Phil McKinney**  
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# Program Committee

## Our Industry's Leaders and Experts.

The SCTE® Cable-Tec Expo® 2023 Program Committee is a team of our industry's senior-level leaders and subject-matter experts. Together, they have helped put together what will be the most exciting learning event of 2023, focusing on the most critical issues, best practices and groundbreaking solutions in the cable telecommunications and broadband technology industry.

### FALL TECHNICAL FORUM CHAIR



**Noel Dempsey**  
SVP Field Operations,  
Charter Communications

## 2023 Program Committee

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Senior Manager, Service Provide Cloud Architecture, AWS

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VP, Technology Policy, Product and Standards,  
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### Elad Nafshi

EVP and Chief Network Officer, Comcast Communications

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SVP, Wireline Technology & Strategy, Shaw Communications

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### Vik Saxena

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VP of NGAN Implementation, Comcast Communications

### Mike Spaulding

VP of Engineering, Comcast Communications

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### Asit Tandon

VP of Network Operations, Rogers Communications

### Jr Walden

SVP, Technology and CTO, Mediacom

### Bill Warga

VP, Strategy & Technology, Liberty Global

### Steve Williams

Group Vice President, Access Network Operations,  
Charter Communications

### Larry Wolcott

Fellow of Engineering, Comcast Communications

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**Catherine McNaught**

Vendor Representative, Corning

## 2023 SCTE Regional Representatives

NAME	ORGANIZATION	REPRESENTING	RE- GION
TBD	—	CA, HI, NV	1
TBD	—	AZ, CO, MT, NM, UT, WY	2
Justin Reynolds	Comcast Cable Communications	AK, ID, OR, WA	3
Greg Harlan	HPT Communications	OK, TX	4
John Sullivan	Charter Communications	IA, IL, KS, MO, NE	5
Patrick Davis	Communications Supply Group	MN, ND, SD, WI	6
Nikolai Fleuren	Comcast Cable Communications	IN, MI, OH	7
Tony Germer	Comcast Cable Communications	AL, AR, LA, MS, TN	8
Aaron Weimer	Wiring the Future Networks	FL, GA, SC, PR	9
Clifford Simpson	Net Insight	DC, KY, NC, VA, WV	10
Michael Koller	EnerSys	DE, MD, NJ, PA	11
Javier Hidalgo	Charter Communications	CT, MA, ME, NH, NY, RI, VT	12
Arni Lundale	Cogeco Connexion	Canada	Canada

# Schedule

SATURDAY, OCTOBER 14		
8:00 AM-5:00 PM	Exhibitor Move-In	Exhibit Floor
SUNDAY, OCTOBER 15		
8:00 AM-5:00 PM	Exhibitor Move-In	Exhibitor Floor
1:00 PM-5:00 PM	Registration Open (Exhibitors Only)	A Lobby
MONDAY, OCTOBER 16		
7:30 AM-6:00 PM	Registration Open	A Lobby
8:00 AM-5:00 PM	Exhibitor Move-In	Exhibit Floor
1:00 PM-3:00 PM	<u>SCTE<sup>®</sup> Standards Program Interface Practices Subcommittee (IPS) Plenary</u>	Room 113
3:00 PM-4:30 PM	<u>Join the Journey: Behind the Scenes with L&amp;D's Cutting-Edge Initiatives</u>	L&D Experience
6:00 PM-9:00 PM	<u>Cable TV Pioneers 57th Annual Banquet</u>	DCPA, Seawell Ballroom
TUESDAY, OCTOBER 17		
7:00 AM-6:00 PM	Registration Open	A Lobby
7:30 AM-9:00 AM	<u>Light Reading Breakfast: Maxing Out the Cable HFC Network</u>	Room 205
7:30 AM-9:30 AM	<u>Communication and Power Sector Annual Collaboration Meeting (Invitation Only)</u>	Unlisted
8:00 AM-9:15 AM	<u>Chapter Leadership Breakfast</u>	Room 203
8:00 AM-9:15 AM	<b>FALL TECHNICAL FORUM WORKSHOPS:</b>	
■	<u>Experience is Everything: How to Impress Customers with High-Quality Wi-Fi and IoT</u>	Room 111
■	<u>Having a Coherent Conversation</u>	Room 105
■	<u>Network Operations Lifecycle for AI/ML Models</u>	Room 107
■	<u>Power Asset Management: Reducing Operating Costs, Increasing Sustainability, and Enabling Monetization</u>	Room 109
■	<u>Swimming Upstream Doesn't Need to be Hard</u>	Room 103
10:00 AM-12:00 PM	<b><u>Opening General Session</u></b>	Mile High Ballroom
12:15 PM-12:20 PM	<b><u>Exhibit Hall Grand Opening and Ribbon Cutting Ceremony</u></b>	Exhibit Floor
12:20 PM-6:00 PM	Exhibitor Floor Open	Exhibit Floor
12:30 PM-1:15 PM	<u>Ensuring 10G PON Reliability by Testing Service in the Last Mile</u>	Innovation Theater
1:00 PM-1:30 PM	<b>OPEN RAN TECHNICAL SUMMIT:</b> <u>Open RAN 101: What It Is and What It Isn't</u>	Room 104

## FALL TECHNICAL FORUM WORKSHOPS:

- Construction and Workforce
- Operational and Network Transformation
- Residential Networks, Wireless, Mobility, and IoT
- Security, Privacy, and Artificial Intelligence
- Wireline Networks: 10G and Beyond

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# Schedule

## TUESDAY, OCTOBER 17 (CONTINUED)

1:00 PM-1:45 PM	<b>L&amp;D EXPERIENCE:</b> <u>L&amp;D Keynote Session: Fireside Chat with Dr. Karl Kapp</u>	Technical Training Theater (T3)
1:00 PM-2:00 PM	<u>Comcast Chief Network Officer Elad Nafshi Session</u>	Room 205
1:00 PM-2:30 PM	<u>SCTE<sup>®</sup> Annual Energy 20/20 Update</u>	Room 105
1:30 PM-2:00 PM	<b>OPEN RAN TECHNICAL SUMMIT:</b> <u>Open RAN: The True State of the Ecosystem</u>	Room 104
1:30 PM-2:15 PM	<u>Operationalizing High Performance Coherent Optics in Open Networks</u>	Innovation Theater
2:00 PM-2:45 PM	<b>INNOVATION POLICY TRACK &amp; OPEN RAN TECHNICAL SUMMIT:</b> <u>Government Investment in Open RAN</u>	Room 104
2:00 PM-4:00 PM	<b>L&amp;D EXPERIENCE:</b> <u>Future-Proofing the Workforce: Strategies for Success in Our Competitive, Rapidly-Evolving Tech Industry</u>	Technical Training Theater (T3)
2:30 PM-3:15 PM	<u>ATX Session</u>	Innovation Theater
2:30 PM-3:30 PM	<b>INNOVATION POLICY TRACK:</b> <u>And the Beat Goes On: Broadband Policy is Still Moving Strong</u>	Room 108
3:00 PM-4:00 PM	<b>OPEN RAN TECHNICAL SUMMIT:</b> <u>Lightning Talks from Leading Open RAN Solution Providers and Operators</u>	Room 104
	<b>STRATEGY SUMMIT:</b> <u>NaaP, NaaS – Opportunities (CableLabs<sup>®</sup> Members Only)</u>	Room 102
3:30 PM-4:15 PM	<u>Xumo Session</u>	Innovation Theater
3:45 PM-5:00 PM	<b>INNOVATION POLICY TRACK:</b> <u>10G: The Future Network Today – A Tech Primer for Policy Experts</u>	Room 108
3:45 PM-5:00 PM	<b>FALL TECHNICAL FORUM WORKSHOPS:</b>	
	■ <u>Balancing Your Network: Capacity and Performance</u>	Room 107
	■ <u>Leveraging Wireless Intelligence to Do More</u>	Room 111
	■ <u>Organization-Level Strategies for a Sustainable Future Network</u>	Room 109
	■ <u>OUDP: A New Superpower for the Network</u>	Room 103
	■ <u>PON Above the 49th Parallel: The Rogers Journey</u>	Room 105
4:00 PM-4:30 PM	<b>OPEN RAN TECHNICAL SUMMIT:</b> <u>Operators and Open RAN Deployment</u>	Room 104
4:15 PM-5:00 PM	<u>Harmonizing Expertise: Bridging Engineers and Customer Experience for Exceptional Solutions</u>	Room 112

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- Security, Privacy, and Artificial Intelligence
- Wireline Networks: 10G and Beyond

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# Schedule

## TUESDAY, OCTOBER 17 (CONTINUED)

4:15 PM–5:00 PM	<a href="#">Amazon Web Services</a>	Technical Training Theater (T3)
4:15 PM–5:15 PM	<b>STRATEGY SUMMIT:</b> <a href="#">Fixed Wireless Access: A Short- or Long-Term Service Offering?</a> (CableLabs® Members Only)	Room 102
4:30 PM–5:00 PM	<b>OPEN RAN TECHNICAL SUMMIT:</b> <a href="#">Test Labs and Certifications: Untangling the Web</a>	Room 104
5:00 PM–5:30 PM	<b>OPEN RAN TECHNICAL SUMMIT:</b> <a href="#">Test Solutions: Getting Up to Speed</a>	Room 104
5:00 PM–6:00 PM	<a href="#">BTR Diamond Awards</a>	Innovation Theater
5:15 PM–6:00 PM	<a href="#">Actif.ai Session I</a>	Technical Training Theater (T3)
6:00 PM–7:30 PM	Chairmen's Reception (by Invitation Only)	
7:30 PM–9:00 PM	CEO/CTO Dinner (by Invitation Only)	
8:00 PM–10:00 PM	<a href="#">Loyal Order of the 704</a>	

## WEDNESDAY, OCTOBER 18

7:00 AM–6:00 PM	Registration Open	A Lobby
7:30 AM–9:00 AM	<a href="#">Light Reading Breakfast: Converging the Cable &amp; Mobile Networks</a>	Room 205
8:00 AM–9:00 AM	<b>STRATEGY SUMMIT:</b> <a href="#">Everything, Everywhere All at Once: How to Launch Moonshots</a> <a href="#">Focused on Breakthrough Impacts</a>	Room 102
8:00 AM–9:15 AM	<b>INNOVATION POLICY TRACK:</b> <a href="#">Broadband Breakfast Roundtable</a>	Unlisted
8:00 AM–9:15 AM	<b>FALL TECHNICAL FORUM WORKSHOPS:</b>	
■	<a href="#">Automated Networks and Smart Amplifiers</a>	Room 105
■	<a href="#">Data Driven: Optimizing and Running HFC and Fiber Networks, End to End</a>	Room 103
■	<a href="#">From Clouds to Cables: Overcoming Challenges and Embracing the Future in Network Deployment (En Español)   Desde la Nube a los Cables: Superando Desafíos y Recibiendo el Futuro en el Despliegue de las Redes</a>	Room 107
	<b>SECURITY/CISO SUMMIT:</b>	
■	<a href="#">Security Metrics, Organization, Architectures and the Quantum Future</a>	Room 109
■	<a href="#">Wireless Architectures and Lessons Learned in Design and FWA Deployment</a>	Room 111
9:30 AM–10:45 AM	<a href="#">General Session</a>	Mile High Ballroom
11:00 AM–12:00 PM	<a href="#">SCTE®'s Business Continuity Team Annual Update</a>	Room 102

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# Schedule

## WEDNESDAY, OCTOBER 18 (CONTINUED)

11:00 AM-12:00 PM	<b>FALL TECHNICAL FORUM WORKSHOP:</b>	
	■ <u>Seamless Customer Experiences: Roaming between 5G and Wi-Fi Networks</u>	Room 111
11:00 AM-12:15 PM	<b>FALL TECHNICAL FORUM WORKSHOPS:</b>	
	■ <u>Advancing Cable Networks for Enhanced Performance and Low Latency Services</u>	Room 105
	■ <u>From Manual to Magical: The Era of Automated Spectrum Management</u>	Room 103
	<b>SECURITY/CISO SUMMIT:</b>	
	■ <u>Keeping Everyone Safe: Operator Approaches to Protecting Its Network and Users</u>	Room 109
	■ <u>Orchestrating Converged Services</u>	Room 107
11:00 AM-12:30 PM	<u>Cable Industry in LATAM in the Next 10 Years: What is Coming?</u>	Room 110
11:00 AM-1:30 PM	<u>SCTE® Chapter Leader Development</u> HOSTED BY: ROCKY MOUNTAIN CHAPTER	Room 113
11:30 AM-1:00 PM	<b>INNOVATION POLICY TRACK:</b> <u>Innovation Policy Track Luncheon</u>	Unlisted
11:30 AM-1:30 PM	<u>Women's TechConnect Program Graduation Lunch</u>	Room 203
12:15 PM-6:00 PM	Exhibitor Floor Open	Exhibit Floor
12:30 PM-1:15 PM	<u>Actif.ai Session II</u>	Technical Training Theater (T3)
	<u>PNM Live!</u>	Innovation Theater
1:00 PM-1:55 PM	<b>INNOVATION POLICY TRACK:</b> <u>Open and Interoperable Networks (Open RAN): Is Plug and Play "The Way"?</u>	Room 108
	<b>INNOVATION POLICY TRACK:</b> <u>Stories from the Frontline of Broadband Deployment</u>	Room 112
1:00 PM-3:00 PM	<b>SECURITY/CISO SUMMIT:</b> <u>CISO Summit</u> (Invitation Only, CableLabs® Members Only)	Unlisted
1:15 PM-2:00 PM	<u>Design for Reuse</u>	Technical Training Theater (T3)
1:30 PM-2:15 PM	<u>Wesco/TVC Session</u>	Innovation Theater
2:00 PM-2:55 PM	<b>INNOVATION POLICY TRACK:</b> <u>The Building Blocks of Broadband Service: The Workforce</u>	Room 112
	<b>INNOVATION POLICY TRACK:</b> <u>The Road to Carbon Neutral</u>	Room 110
2:00 PM-3:00 PM	<b>STRATEGY SUMMIT:</b> <u>Improving the Wi-Fi Experience</u> (CableLabs® Members Only)	Room 102

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# Schedule

## WEDNESDAY, OCTOBER 18 (CONTINUED)

2:00 PM-3:00 PM	<u>Women in Technology Series – EmpowHER: Navigating the Nexus of Mentorship, Leadership, and Branding with the WICT Network and The Cable Center</u>	Room 203
2:00 PM-3:15 PM	<b>FALL TECHNICAL FORUM WORKSHOPS:</b>	
■	<u>AI/ML for Exceptional Experiences: Unlocking Efficiency and Satisfaction in Plant Operations and Customer Interactions</u>	Room 107
■	<u>Know Before You Go: Everything You Need to Know About Moving to the Cloud</u>	Room 103
■	<u>Leveraging the DOCSIS in 5G Networks</u>	Room 111
■	<u>Networking and Service Orchestration of Your Friendly Broadband Network</u>	Room 105
2:00 PM-3:30 PM	<b>FALL TECHNICAL FORUM WORKSHOP:</b> ■ <u>Workforce of the Future: Applying the Latest Technology for Optimal Learner Success</u>	Room 109
2:15 PM-4:00 PM	<u>Corning Session</u>	Technical Training Theater (T3)
2:30 PM-3:15 PM	<u>Comcast Brilliant Network</u>	Innovation Theater
3:00 PM-3:55 PM	<b>INNOVATION POLICY TRACK:</b> <u>If You Build It They Will Come, Right? What Happens After the Build?</u>	Room 112
	<b>INNOVATION POLICY TRACK:</b> <u>Is Spectrum a Pushmi-Pullyu?</u>	Room 110
3:00 PM-4:00 PM	<b>STRATEGY SUMMIT:</b> <u>Extending the Digital Platform: EV Charging Stations (CableLabs<sup>®</sup> Members Only)</u>	Room 102
3:00 PM-5:00 PM	<b>SECURITY/CISO SUMMIT:</b> <u>Security Summit – Lightning Talks</u>	Room 104
3:30 PM-4:15 PM	<u>25GS PON: Continuing MSO Broadband Dominance</u>	Innovation Theater
3:30 PM-5:00 PM	<b>L&amp;D EXPERIENCE:</b> <u>L&amp;D Workforce Development Collaboration Roundtables</u>	Room 203
3:45 PM-5:00 PM	<b>FALL TECHNICAL FORUM WORKSHOPS:</b>	
■	<u>A Decade of Remote PHY: From Theory to Automated Scalable Deployment</u>	Room 107
■	<u>Do Not Sleep in the Importance of Name Service</u>	Room 103
■	<u>Intelligent Power: Using Cutting-Edge Technologies to Improve Battery Health and Energy Storage</u>	Room 109
■	<u>Level Up Your PNM: New Ways to Score Performance</u>	Room 105
■	<u>Private 5G Networks: Operator Lessons Learned</u>	Room 111

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■ Security, Privacy, and Artificial Intelligence ■ Wireline Networks: 10G and Beyond

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# Schedule

## WEDNESDAY, OCTOBER 18 (CONTINUED)

4:00 PM-4:55 PM	<b>INNOVATION POLICY TRACK:</b> <u>Innovation in Energy Efficiency Policy</u>	Room 108
4:00 PM-5:30 PM	<u>The Multiple Challenges of Broadband Expansion</u>	Technical Training Theater (T3)
4:30 PM-5:15 PM	<u>Accelerating FTTP Adoption: CableLabs<sup>®</sup> Leaders Discuss Lowering the Barrier to PON Deployments</u>	Innovation Theater
6:00 PM-8:00 PM	<u>40th Anniversary Celebration and Membership Awards &amp; Recognition</u>	Mile High Ballroom
8:00 PM-9:00 PM	<u>Circle of Eagles Reception</u>	Room 203

## THURSDAY, OCTOBER 19

7:30 AM-12:00 PM	Registration Open	A Lobby
11:00 AM-12:15 PM	<b>FALL TECHNICAL FORUM WORKSHOPS:</b>	
■	<u>Automated Design, Test, and Verification of Outside Plant</u>	Room 105
■	<u>Disaster Recovery and Resiliency for Fiber Networks</u>	Room 103
■	<u>Laying the Groundwork for a Connected Future: Modernizing Construction Practices</u>	Room 109
■	<u>New Spectrum Horizons: Navigating the Future of Connectivity and Communication</u>	Room 107
■	<u>Wi-Fi 7: The Fast and Furious of the Wireless Home</u>	Room 111
8:00 AM-9:30 AM	<u>SCTE<sup>®</sup>/ANGA Global Broadband Tech Breakfast, presented by Broadband Technology Report</u>	Room 203
9:00 AM-9:15 AM	<u>International Cable-Tec Games Contestant Registration &amp; Breakfast (Invite Only)</u>	Technical Training Theater (T3)
9:00 AM-1:00 PM	Exhibitor Floor Open	Exhibit Floor
9:15 AM-12:30 PM	<u>SCTE International Cable-Tec Games</u>	Technical Training Theater (T3)
10:15 AM-11:00 AM	<u>AmDocs Sessions</u>	Innovation Theater
11:15 AM-12:00 PM	<u>HPE Session</u>	Innovation Theater
12:15 PM-1:00 PM	<u>ERA Session</u>	Innovation Theater

### FALL TECHNICAL FORUM WORKSHOPS:

- Construction and Workforce
- Operational and Network Transformation
- Residential Networks, Wireless, Mobility, and IoT
- Security, Privacy, and Artificial Intelligence
- Wireline Networks: 10G and Beyond

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# General Sessions

## Day 1: Opening General Session

### GENERAL SESSION DAY 1

**Tuesday, October 17 • 10:00 AM–12:00 PM MDT**  
**Mile High Ballroom**

### Welcome & Fireside Chat with SCTE Cable-Tec Expo Program Chairs

SCTE President & CEO Mark Dzuban will take the Main Stage to kick off the “EXPOntential” 40th SCTE Cable-Tec Expo. CableLabs President and CEO Phil McKinney will then welcome Expo Co-Chairs Chris Winfrey, President and CEO of Charter Communications, and Tony Staffieri, CEO of Rogers Communications to join him for a fireside chat to explore the most compelling technologies that are building the future of cable telecommunications.



**Mark Dzuban**  
President & CEO,  
SCTE®, a subsidiary  
of CableLabs®



**Phil McKinney**  
President & CEO,  
CableLabs®



**Chris Winfrey**  
President & CEO,  
Charter  
Communications



**Tony Staffieri**  
President & CEO,  
Rogers  
Communications

### The Future of Connectivity

Rich DiGeronimo, President, Product and Technology at Charter Communications, will then present “The Future of Connectivity,” discussing the current state of the network and how the landscape is evolving through industry alignment, modular network expansion and symmetrical and multigigabit speeds.



**Rich DiGeronimo**  
President of Product  
and Technology,  
Charter  
Communications

### 40th Anniversary Fireside Chat

Invited as a special guest for Expo's 40th Anniversary, industry legend and philanthropist John C. Malone will join Liberty Global CEO Mike Fries for a fireside chat sharing personal insights on decades of innovation.



**John Malone**  
Chairman of the  
Board,  
Liberty Global



**MODERATOR:**  
**Michael Fries**  
CEO & Vice  
Chairman,  
Liberty Global

### Keynote Speaker

Attendees will hear from digital cinema pioneer and CEEK CEO Mary Spio, who will explore content distribution in the Metaverse, Web3, and telehealth in rural areas — and will offer insights on what these innovations need to scale and opportunities for the industry to support growing customer demand for faster speeds with lower latency, while continuing to enhance the security and reliability of networks, the pillars of 10G.



**Mary Spio**  
CEO & Founder,  
CEEK



# General Sessions

## Day 2: General Session

### Innovating and Safeguarding Tomorrow Today: 10G, Emerging Technologies, and Cybersecurity

#### GENERAL SESSION DAY 2

**Wednesday, October 18 • 9:30 AM-10:45 AM MDT**  
**Mile High Ballroom**

#### Fireside Chat with Phil McKinney and Michael Powell

New this year, we open Day Two with a fireside chat between CableLabs® CEO Phil McKinney and NCTA President & CEO Michael Powell where we'll reflect on the industry's progress toward 10G and the future come, highlighting innovative advances, and the industry's focus on security.



**Phil McKinney**  
President & CEO,  
CableLabs®



**Michael Powell**  
President & CEO,  
NCTA

#### Fireside Chat with Brian Scott

Appearing next in the Mile High Ballroom will be Brian Scott, Deputy Assistant National Cyber Director for Cyber Policy and Programs, Office of the National Cyber Director, Executive Office of the President. With more than four decades of government and military leadership experience, including over a decade of service with the US Department of Homeland Security in a variety of senior cybersecurity roles prior to joining the Office of the National Cyber Director, Mr. Scott will focus on the National Cybersecurity Strategy and its implementation, the Administration's cybersecurity goals, as well as the Administration's expectations for the cable broadband industry. Mr. Scott's fireside chat will be moderated by Loretta Polk, Vice President and Deputy General Counsel at NCTA, where she leads the organization's cybersecurity policy and legal work.



**Brian Scott**  
Deputy Assistant  
National Cyber  
Director for  
Cyber Policy and  
Programs, Office of  
the National Cyber  
Director, Executive  
Office of the  
President



**MODERATOR:**  
**Loretta Polk**  
VP and Deputy  
General Council,  
NCTA

#### CISO Panel: Safeguarding Tomorrow Today: Cybersecurity

Following Ms. Polk and Mr. Scott will be Expo's inaugural CISO panel: *Safeguarding Tomorrow Today: Cybersecurity*. Four esteemed panelists will explore how the industry is prioritizing and addressing key cybersecurity challenges.



**Greg Temm**  
CISO,  
Charter  
Communications



**David White**  
VP, Security  
Engineering,  
Comcast



**Kim Keever**  
SVP, Cybersecurity  
& CISO, Cox  
Communications



**Dr. Rikin Thakker**  
CTO and SVP,  
Technology,  
NCTA



# 40th Anniversary Celebration And Membership Awards & Recognition

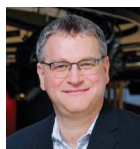
## 40TH ANNIVERSARY AND AWARDS

### Member of the Year

This renowned award recognizes the SCTE® member who has made the most significant contributions to the Society through active participation in its programs and efforts during the past year. The name of the 2023 member of the year has been kept secret until today. Even the winner will be surprised when his or her name is announced during the 40th Anniversary Celebration and Membership Awards & Recognition!

### Chairman's Award

This award is bestowed upon an individual, a group of individuals or an organization that has demonstrated significant support of the Society. Guy McCormick, chairman of the SCTE board, selected this year's winner.



**Elad Nafshi**  
EVP, Chief Network Officer,  
Comcast

### Excellence in Standards Award

The annual SCTE Excellence in Standards Award honors an SCTE Standards Program Participant who has significantly contributed to both the technical standards program and the spirit of cooperation necessary for the success of voluntary standards.



**Tim Cooke**  
Director, Product Management, Amphenol  
Broadband Solutions

### Hall of Fame

The Society's Hall of Fame comprises members who have made extraordinary contributions to the Society and the industry over the course of time. To be eligible, an individual must have a minimum of 12 years of active SCTE membership and 20 years of industry experience.

One deserving individual will be inducted during the Annual Awards Luncheon.



**Ed Marchetti**  
Retired  
(Recently Retired as SVP of Engineering/  
Operations, Comcast)

Ed will join the distinguished group of Hall of Fame members:

Mark Adams	Sally L. Kinsman
Greg Allshouse	Jim Kuhns, BCE
J. Richard 'Dick' Beard	John T. Kurpinski, Sr.
Steve Bell	David Large, BCE
Alex Best	Dr. Rickey Luke
Bob Bilodeau	Dan McKay
John Chapman	Wayne McKinney
Jim Chiddix	Harold Null, Sr.
Walter Ciciora	David Pangrac
Terry Cordova	Andrew D. Parrott
Austin Coryell	Cliff Paul
Ronald Cotton	Neil Phillips
Richard Corvell	Dan Pike
Leonard Ecker	Tom Polis
Tom Elliot	Rex Porter
James Farmer	Leslie W. Read
David Fellows	Steven Richey
Bob Foote	William Riker
Thomas Gorman	Fred Rogers
James Grabenstein	Dennis Sartori
William Grant	Rick Sullivan
Nick Hamilton-Piercy	Larry J. Stiffelman
Ted Hartson	Jim Stilwell
Keith Hayes	Eugene White
Andrew Healey	David Willis
Ron Hranac	Cathy Wilson
Jim Hughes	Wendell Woody
Tom Jokerst	
William Karnes	

# 40th Anniversary Celebration And Membership Awards & Recognition

## Excellence in Learning & Development

The Excellence in Learning and Development Award recognizes the achievements of learning and development professionals within the cable telecommunications community who have demonstrated significant success toward advancing the careers of others through the innovative use of cable telecommunications technology-centric curricula learning programs and/or presenting content in a way that improves the cable knowledge in the industry.



**Jeramy Allen**  
Director, Learning Engagement,  
Comcast

## SCTE/WICT Women in Technology Award

This annual award recognizes the achievements of one woman who has demonstrated outstanding personal and professional growth and has significantly contributed to the cable telecommunications industry.



**Megan Dover**  
VP of Product Development,  
Cox Business

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## Wilt J. Hildenbrand Jr. Rising Leader Award

This award will be presented to a rising leader who has made significant contributions and innovations to the cable industry in their early career. This award recognizes the legacy of Wilt J. Hildenbrand Jr and his contributions to the cable industry. In addition to the award, a donation will be made on behalf of Wilt J. Hildenbrand Jr. to the SCTE Foundation.



**Serge Kasongo**  
Director, National Field  
Connectivity & Operations,  
Comcast

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## Senior Member

The Society's Senior Members are individuals who have demonstrated technical competence, participated actively in the Society and industry affairs, attained a degree of seniority and maintained a high standard of professionalism. To be eligible, an individual must have a minimum of 5 years of active SCTE membership and 10 years of industry experience. The following were inducted as senior members over the past year.



**Steve Harris**  
VP, Global Market Development,  
SCTE<sup>®</sup>, a subsidiary of CableLabs<sup>®</sup>

# 40th Anniversary Celebration And Membership Awards & Recognition

## Chapter Leader of the Year

SCTE® Chapters and Meeting Groups are an integral and unique element of the Society. They strive to provide training and certification in the local communities and are solely supported by volunteers. Although all chapter leaders are deserving of praise and appreciation, one chapter leader went above and beyond this past year and was previously honored at the Chapter Leadership Conference.



**Ken Willard**  
Crystal Coast Chapter,  
Vice President



## Chapter of the Year Awards

This award recognizes the top 10 percent of SCTE chapters that have completed all compliance requirements and earned the most points across all of the award categories. Congratulations to the top 2022 chapters previously honored at the Chapter Leadership Conference:

- |           |                              |
|-----------|------------------------------|
| 1st Place | <b>Gateway Chapter</b>       |
| 2nd Place | <b>Chattahoochee Chapter</b> |
| 3rd Place | <b>Piedmont Chapter</b>      |
| 4th Place | <b>Great Lakes Chapter</b>   |
| 5th Place | <b>Cactus Chapter</b>        |
| 6th Place | <b>Penn-Ohio Chapter</b>     |

## SCTE International Cable-Tec Games



Each year, 28 winners of local Cable-Tec Games compete against each other in the International Cable-Tec Games during Cable-Tec Expo. Through seven categories

– cable splicing, meter reading, cable jeopardy, OTDR, fiber splicing, drop connection and MTDR – competitors display their skill, critical thinking abilities and tenacity to edge out the competition to take top honors.

Join us on Thursday, October 19th at the Technical Training Theater to watch the competition and award the champions.

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## Spirit of the Games Award

The Spirit of the Games Award is presented yearly to a participant, staff member, or host vendor who truly embraces and exhibits sportsmanship and the learning environment at the games. The award is established in memory of David Jones, who had a very strong focus on the spirit of the SCTE Cable-Tec Games. This year, UCL Swift is dedicating this award in memory of Dave Schuman. The winner will be announced at the International Cable-Tec Games, on Thursday, October 19th.

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# Fall Technical Forum

**Tuesday, October 17–Thursday, October 19**

The 2023 Fall Technical Forum is brought to you by the Society of Cable Telecommunications Engineers® (SCTE), CableLabs® and NCTA.

Sessions will be conducted during SCTE® Cable-Tec Expo® 2023, which will take place Tuesday, October 17–Thursday, October 19 in Denver, CO. The Fall Technical Forum Program Committee designs the sessions starting with a peer-review abstract selection process to ensure our attendees, who are interested in staying ahead of the curve, can learn about the latest advancements and best practices in the industry. The Fall Technical Forum covers a wide variety of technical operations and technology topics that fall into nine areas.

## FALL TECHNICAL FORUM AGENDA

## Peer Reviewed Content at Expo

The Fall Technical Forum committee believes that innovation is powered by diverse perspectives and experience. We encourage and support representation and inclusivity of all people. Our Call for Papers reflects

our goal to include submissions from across our industry's diverse expanse of professionals, and we commit to considering all entries equally.

More than 330 papers were submitted for the annual Fall Technical Forum, from which 105 papers covering a wide variety of technical operations and technology topics were selected by the SCTE Cable-Tec Expo 2023 Program Committee, chaired by Noel Dempsey, Senior Vice President of field operations at Charter Communications.

The peer-reviewed papers will be presented in 35 sessions, organized into five super tracks this year:

- Wireline Networks: 10G and Beyond
- Operational and Network Transformation
- Security, Privacy, and Artificial Intelligence
- Construction and Workforce
- Residential Networks, Wireless, Mobility, and IoT

## FALL TECHNICAL FORUM CHAIR



**Noel Dempsey**  
SVP Field Operations,  
Charter Communications



## Fall Technical Forum Technology Topics



**Artificial Intelligence  
and Machine Learning**



**Construction and  
Network Planning**



**Energy Management  
and Sustainability**



**Operational  
and Network  
Transformation**



**Security and Privacy**



**Wi-Fi, IoT, Home  
Networking, and  
Residential Services**



**Wireless Access  
Networks and Mobility**



**Wireline Networks –  
10G and Beyond**



**Workforce Learning &  
Development**



# L&D Experience

## Connecting Learners, Fostering Innovation, Driving Collaboration.

Join Our L&D Experience at Expo to Learn from Industry experts, explore learning topics in-depth, participate in micro-learning sessions, and collaborate on a new way forward using the latest tools and techniques. With the rapid pace of technological advancements in our industry, it's essential that our workforce is prepared!

### L&D EXPERIENCE AGENDA

#### Join the Journey: Behind the Scenes with L&D's Cutting-Edge Initiatives

**Monday, October 16 • 3:00 PM–4:30 PM MDT**

**Invite Only**

Join the journey with SCTE® and witness firsthand the latest innovations that are set to transform the learner experience. Discover the futuristic tools and platforms that will take your knowledge to the next level and give you the competitive edge you need to stay ahead of the game.

#### L&D Keynote Session – Fireside Chat with Dr. Karl Kapp

**Tuesday, October 17 • 1:00 PM–1:45 PM MDT**

**Technical Training Theater**

Join us for an engaging fireside chat featuring Dr. Karl Kapp, a renowned learning expert, author, and professor. This intimate conversation will delve into various aspects of personal and professional growth, providing valuable insights and practical strategies.

During the chat, Dr. Kapp will share his expertise on enhancing individual skills, acquiring knowledge, and fostering personal and professional development. The discussion will revolve around exploring innovative approaches to learning and uncovering opportunities for continuous improvement.

Furthermore, the fireside chat will delve into the significance of building meaningful relationships and establishing networks. Participants will gain insights into creating an environment that promotes collaboration and facilitates the exchange of ideas. The conversation will highlight the benefits of teamwork and the transformative power of diverse perspectives. Dr. Kapp will also shed light on leveraging technology and platforms to enhance collaboration and maximize productivity.

As an interactive session, the audience will have the opportunity to actively engage in the discussion. Questions based on their own experiences, challenges, and strategies for continuous learning and improvement are encouraged. Dr. Kapp will provide valuable guidance and address inquiries, offering practical advice tailored to participants' needs.

By the end of the fireside chat, attendees will depart with a renewed sense of motivation and a broader perspective on learning and development. They will gain practical ideas and strategies to foster meaningful connections, effective collaboration, and innovative thinking in both their personal and professional lives.

Don't miss this opportunity to join Dr. Karl Kapp in an enlightening fireside chat, where knowledge, inspiration, and practical insights await!

**Jill Banks**

Director, Learning Operations  
SCTE®, a subsidiary of CableLabs®

**Karl Kapp, Ed.D.**

Professor  
Commonwealth University, Bloomsburg Campus

#### Future-Proofing the Workforce: Strategies for Success in Our Competitive, Rapidly Evolving Tech Industry

**Tuesday, October 17 • 2:00 PM–4:00 PM MDT**

**Technical Training Theater**

During this engaging session, our expert panelists will share their insights on the importance of learning, development, and training and how they can be used to not only prepare and develop our workforce but also attract and retain new talent. In addition, the panel will discuss how a new class of leader, the intrapreneur, can make an outsized impact in their role, and is essential to the success of today's leading organizations.

The panelists will address the importance of investing in learning and development programs. Plus, they will showcase new and innovative learning tools and technologies that can help industry professionals acquire new skills and knowledge and stay up to date with the latest industry trends. From gamification and microlearning to virtual and augmented reality, our panelists will discuss how these tools can be used to enhance the learning experience and improve knowledge retention.

# L&D Experience

Following the panel, there will be a series of micro-learning sessions where attendees will have the opportunity to explore specific topics and gain valuable knowledge and skills.

Our panelists will also discuss the importance of ongoing learning and development in the cable industry, and how micro-learning can be used to enhance the learning experience and improve knowledge retention. With the rapid pace of technological advancements, it's essential for cable industry professionals to stay up to date with the latest tools and techniques to remain competitive.

Don't miss this exciting opportunity to learn from industry experts, participate in micro-learning sessions, and earn a digital badge showcasing your commitment to ongoing learning and development in the rapidly advancing cable industry!

**Abbie O'Dell**

Senior Director, Learning Services - Field Operations,  
Charter Communications

**Janice Silver**

The Cable Center

**Michelle Vendelin**

Director, Innovation Services & Coaching,  
CableLabs®

**Robin Fenton**

VP, Membership & Learning Operations,  
SCTE®, a subsidiary of CableLabs®

**Susie Tomenchok**

Chief Revenue Officer,  
The Syndeo Institute

## L&D Workforce Development Collaboration Roundtables

**Wednesday, October 18 • 3:30 PM–5:00 PM MDT  
Room 203**

Participate in an invigorating World Café-style session, working with fellow experts to solve real-world problems and find innovative solutions to industry challenges. Collaborate with some of the brightest minds in the field and gain invaluable experience.

# Specialty Summits & Tracks

## Inaugural Innovation Policy Track

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**COX**

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THE INTERNET & TELEVISION ASSOCIATION

### INNOVATION POLICY TRACK AGENDA

#### Government Investment in Open RAN

**Tuesday, October 17 • 2:00 PM–2:45 PM MDT**

**Room 104**

Many governments around the world are investing in Open RAN programs – so many, in fact, that it is easy to lose track of who is doing what. The Open RAN Policy Coalition's Diane Rinaldo and government representatives will provide a complete review of the government Open RAN programs around the world, including the goals and prospects for future investments.

**Diane Rinaldo**  
Executive Director,  
Open RAN Policy Coalition

**Margaret Pinson**  
Video Quality Subject Matter Expert,  
NTIA/ITS

**Thomas Rumbelow**  
Head of Open RAN Policy and R&D,  
UK Department for Science, Innovation and Technology

#### And the Beat Goes On: Broadband Policy is Still Moving Strong

**Tuesday, October 17 • 2:30 PM–3:00 PM MDT**

**Room 108**

With ambitious goals but only a short time to implement before the next election, what are the Federal Government's broadband priorities? A discussion with federal officials from agencies promoting broadband deployment and adoption.

**Ken Kuchno**  
Deputy Assistant Administrator,  
USDA/RUS

**Marco Peraza**  
Legal Advisor to FCC Commissioner Simington,  
Federal Communications Commission (FCC)

**Pamela Arluk**  
VP & Associate General Counsel,  
NCTA

#### 10G: The Future Network Today – A Tech Primer for Policy Experts

**Tuesday, October 17 • 3:45 PM–5:00 PM MDT**

**Room 108**

The cable industry continues to drive toward a 10G reality with advances in HFC (DOCSIS), fiber, and wireless technologies. This session will provide a primer on how cable networks deliver gigabit and multi-gigabit services today, the path to deliver 10 gigabit and beyond, as well as advances in other critical dimensions of broadband performance (e.g., security, latency, and reliability). The session will also explore how these continued advancements in cable broadband networks will open the door to widespread adoption of emerging applications, such as immersive experiences.

**Elad Nafshi**  
EVP & CNO,  
Comcast

**Justin Colwell**  
EVP, Connectivity Technology,  
Charter Communications

**Mark Walker**  
VP, Technology Policy,  
CableLabs®

**Mary Spio**  
CEO & Founder,  
CEEK

#### Broadband Breakfast Roundtable

**Wednesday, October 18 • 8:00 AM–9:15 AM MDT**

An invite only roundtable discussion with state and federal/local government officials and broadband network operators to discuss key issues at the state level. The focus will be on having a government officials share their perspective and questions to facilitate a deeper discussion between industry and government.

**Misty Ann Giles**  
COO,  
State of Montana

#### Innovation Policy Track Luncheon

**Wednesday, October 18 • 11:30 AM–1:00 PM MDT**

**Ben Colman**  
CEO/Co-Founder  
Reality Defender

# Specialty Summits & Tracks

## Open and Interoperable Networks (Open RAN): Is Plug and Play "The Way"?

**Wednesday, October 18 • 1:00 PM–1:55 PM MDT**  
**Room 108**

The architecture of mobile networks is changing; supply chain concerns and new funding are dramatically influencing the RAN ecosystem. Can Open RAN be successfully deployed in 5G, 6G, and beyond networks? This session will explore the policy dynamics of Open RAN and the shifting status quo of mobile architectures.

**Diane Rinaldo**  
Executive Director,  
Open RAN Policy Coalition

**Eric Tarmarkin**  
Senior Director and Public Policy Counsel,  
Samsung Electronics America, Inc.

**Jessica Almond**  
Director, Technology Policy,  
CableLabs®

## Stories from the Frontline of Broadband Deployment

**Wednesday, October 18 • 1:00 PM–1:55 PM MDT**  
**Room 112**

States are in the driver's seat as they distribute tens of billions of dollars from various federal programs and make a once in a generation level of public investment in broadband infrastructure. The rules and outcomes of that investment will largely rest with State Broadband Offices. This panel of state broadband officers will share the challenges and opportunities they've faced and how they are moving forward.

**Jessica Simmons**  
Deputy CIO & Executive Director, Georgia Broadband Program  
State of Georgia Technology Authority

**Jim Stritzinger Jr**  
Director, South Carolina Broadband Office,  
State of SC, Office of Regulatory Staff

**Misty Ann Giles**  
COO,  
State of Montana

**Rick Cimerman**  
VP, External and State Affairs,  
NCTA

**Tamarah Holmes**  
Director, Office of Broadband,  
State of Virginia, Dept of Housing and Community Development

## The Building Blocks of Broadband Service: The Workforce

**Wednesday, October 18 • 2:00 PM–2:55 PM MDT**  
**Room 112**

Workforce development is an explicit goal of BEAD funding in recognition of the broadband industry's critical shortage of skilled workers – from construction personnel to build broadband networks to cybersecurity professionals to defend those networks. Given the importance of broadband to our daily lives, we'll hear how government and the private sector are keenly focused on addressing this shortage.

**Curt Stamp**  
VP, Government and Regulatory Affairs,  
Cox Communications

**Robin Fenton**  
VP, Membership & Learning Operations,  
SCTE®, a subsidiary of CableLabs®

**Sarah Smith**  
Broadband Specialist,  
NTIA

## The Road to Carbon Neutral

**Wednesday, October 18 • 2:00 PM–2:55 PM MDT**  
**Room 110**

Across industry, network operators are embracing environmental sustainability in their business operations. This panel discussion will provide insights into the innovative ways cable is saving energy and delivering services more efficiently and sustainably.

**Courtney Seely**  
SVP, CLO,  
CableLabs®

**Kris Waters**  
Director, Cox Communications Sustainability,  
Cox Communications

**Megan Rast**  
Director, Sustainability,  
Charter Communications

**Tracy Baumgartner**  
VP Business Process Effectiveness – Environmental  
Sustainability,  
Comcast



# Specialty Summits & Tracks

## If You Build It They Will Come, Right? What Happens After the Build?

**Wednesday, October 18 • 3:00 PM–3:55 PM MDT**  
**Room 112**

Broadband adoption and Digital Equity are key components of BEAD and IJA funding because broadband deployment is not enough – even where broadband is available, many households choose not to adopt. We'll hear from state broadband officers on their Digital Equity Act proposals and strategies to tackle adoption challenges. Broadband providers will weigh in on their partnerships with Digital Navigators – community-based organizations and individuals that are leading the way in assisting families in overcoming various obstacles to broadband adoption, including digital literacy, online safety, and relevance.

**Alex Minard**  
VP & Lead Legislative Counsel,  
NCTA

**Deborah Lathen**  
Founder,  
Lathen Consulting, LLC

**Kate Allison**  
Executive Director, Research & Digital Equity,  
Comcast

## Is Spectrum a Pushmi-Pullyu?

**Wednesday, October 18 • 3:00 PM–3:55 PM MDT**  
**Room 110**

Demand for broadband services that rely on spectrum continues to accelerate while making additional spectrum available remains fully entrenched in government processes. This session will explore the value and potential pitfalls of a balanced spectrum policy approach where exclusive-licensed, shared-licensed, and unlicensed spectrum are all equitably advanced.

**Becky Tangren**  
VP & Associate General Counsel,  
NCTA

**Joel Taubenblatt**  
Chief, Wireless Telecommunications Bureau,  
Federal Communications Commission (FCC)

**Matthew Pearl**  
Director of Emerging Technology,  
White House National Security Council

**Scott Blake Harris**  
Senior Spectrum Advisor/Director, National Spectrum Strategy,  
NTIA

**Vernita Harris**  
Director of DOD CIO Electromagnetic Spectrum Enterprise  
Policy & Programs,  
Department of Defence

## Innovation in Energy Efficiency Policy

**Wednesday, October 18 • 4:00 PM–4:55 PM MDT**  
**Room 108**

The broadband and pay TV industries have successfully improved energy efficiency through voluntary industry action in the U.S. and Canada. This approach not only yields impressive results but provides the industry with the continued flexibility to innovate in the services they offer. This session will provide an overview of energy efficiency voluntary agreements and a discussion of how this approach could be further leveraged.

**Bernie Wong**  
Manager, Device Certification,  
Rogers Communications

**Debbie Fitzgerald**  
Principal Architect and Director,  
CableLabs®

**Doug Johnson**  
VP, Emerging Technology Policy,  
Consumer Technology Association (CTA)

**Rob Alderfer**  
VP, Technology Policy  
Charter Communications

## Open RAN Technical Summit

The Open Radio Access Network (Open RAN) is a set of standards and specifications for building open and interoperable radio access networks that allow for greater flexibility, innovation, and competition in the mobile telecommunications industry.

### OPEN RAN TECHNICAL SUMMIT AGENDA

## Open RAN Technical Summit Sessions

PRESENTING SPONSOR:



GOLD SPONSORS:



SUPPORTING SPONSOR:



Our sponsors are all are leaders in the global community of companies and organizations working together to accelerate the development and deployment of open, disaggregated, and standards-based technology solutions that deliver high-quality connectivity that the world needs – now and in the decades to come.

# Specialty Summits & Tracks

## Open RAN 101: What it is and What it Isn't

**Tuesday, October 17 • 1:00 PM–1:30 PM MDT**

**Room 104**

What is Open RAN, what is different from mainstream 3GPP, what matters most and what will be the biggest impact? Join us for this informative session to gain insights on Open RAN and where it will make a difference in the industry.

**Kalyan Sundhar**

VP & General Manager,  
Keysight

**Paul Challoner**

VP, Network Product Solutions,  
Ericsson

## Open RAN: The True State of the Ecosystem

**Tuesday, October 17 • 1:30 PM–2:00 PM MDT**

**Room 104**

Achieving the cost, supplier diversification, and innovation benefits of disaggregating the Radio Access Network (RAN) has been a dream since before the founding of the O-RAN ALLIANCE in 2018. Today, we are still proving interoperability of the basic Open RAN components. In light of recent worldwide Government interest and investment in Open RAN, the true state of interoperability remains a key question. Join this panel of industry analysts and experts to understand the true state of the ecosystem and what to expect going forward.

**Joe Kochan**

Executive Director,  
National Spectrum Consortium, Inc.

**Joe Madden**

Lead Analyst,  
Mobile Experts

## Government Investment in Open RAN

**Tuesday, October 17 • 2:00 PM–2:45 PM MDT**

**Room 104**

Many governments around the world are investing in Open RAN programs – so many, in fact, that it is easy to lose track of who is doing what. The Open RAN Policy Coalition's Diane Rinaldo and government representatives will provide a complete review of the government Open RAN programs around the world, including the goals and prospects for future investments.

**Diane Rinaldo**

Executive Director,  
Open RAN Policy Coalition

**Margaret Pinson**

Video Quality Subject Matter Expert,  
NTIA/ITS

**Thomas Rumbelow**

Head of Open RAN Policy and R&D,  
UK Department for Science, Innovation and Technology

## Lightning Talks from Leading Open RAN Solution Providers and Operators

**Tuesday, October 17 • 3:00 PM–4:00 PM MDT**

**Room 104**

Hear from major leading O-RAN suppliers and operators about their products and services.

**Kalyan Sundhar**

VP & General Manager,  
Keysight

**Mark Poletti**

Director Mobile Networks and Principal Architect,  
CableLabs®

**Paul Challoner**

VP, Network Product Solutions,  
Ericsson

**Robert Backhouse**

Head of Technology Americas, Mobile Networks,  
Nokia

**Sameh Yamany**

CTO,  
VIAVI Solutions

## Operators and Open RAN Deployment

**Tuesday, October 17 • 4:00 PM–4:30 PM MDT**

**Room 104**

Operators are the ultimate users of Open RAN technology. Which operators are deploying the technology, and where? Operators share their experiences deploying Open RAN technology in the field and lessons learned in this panel session.

**Adam Chen**

Access Wireless Strategy Manager,  
Rogers Communications

**David Debrecht**

VP of Wireless Technologies,  
CableLabs®

**Dawood Shahdad**

VP, Wireless Core Engineering,  
Dish Network

# Specialty Summits & Tracks

## Test Labs and Certifications:

### Untangling the Web

**Tuesday, October 17 • 4:30 PM–5:00 PM MDT**

**Room 104**

Hear from Telecom Infra Project, O-RAN ALLIANCE, and their test lab partners on the goals and requirements for badges and certifications available to suppliers, how labs are key to this process, and the value of certification and badges to Open RAN suppliers.

**Ike Elliott**  
President & CEO,  
Kyrio

## Security/CISO Summit

### SECURITY/CISO SUMMIT AGENDA

### Security Metrics, Organization, Architectures and the Quantum Future

**Wednesday, October 18 • 8:00 AM–9:15 AM MDT**

**Room 109**

This multi-dimensional security discussion provides real-world guidance on organizing internal security functions appropriately, architecture choices, and preparation for new threats in the post-quantum world of cryptography. Moderated by Kevin Taylor of Comcast, this session offers value for every service provider looking to create a more resilient security posture at their organization. Matt Carothers takes us on a journey through Cox' security program and provides applicable techniques for designing metrics that not only measure security in a meaningful way but also address the human element. CableLabs®' Brian Scriber offers a comparative analysis of security outcomes using open-source versus closed-source software. For a top-notch security posture, we must also take proactive steps to mitigate risks on the horizon. Diving into post-quantum cryptography, Massimiliano Pala with CableLabs® provides an insightful overview of the current efforts in pioneering the deployment of quantum-resistant solutions and related early adoption considerations.

**Brian Scriber**  
Distinguished Technologist and VP of Security and Privacy Technologies,  
CableLabs®

**Massimiliano Pala**  
Director of PKI Architectures,  
CableLabs®

**Matt Carothers**

Senior Principal Security Architect,  
Cox Communications

**MODERATOR**

**Kevin Taylor**  
Comcast Fellow,  
Comcast

### Keeping Everyone Safe: Operator Approaches to Protecting Its Network and Users

**Wednesday, October 18 • 11:00 AM–12:15 PM MDT**

**Room 109**

Cyber and privacy risks are relevant to any organization dealing with individual users and networks in today's marketplace. How do service providers participate in keeping everyone safe and contribute to building a secure and resilient connected landscape? Bob Gaydos of Comcast moderates this session focused on operator-specific approaches to social engineering, Wi-Fi security, and cybersecurity on connected devices. Cox's Carol Ansley discusses the ongoing work of the IEEE 802.11 Enhanced Data Privacy Task Group, which aims to develop tools that reduce the ability of third-party observers to track Wi-Fi devices and their users. Abdul Saleem with Comcast India Center LLC delves into the escalating threats arising from social engineering and provides actionable solutions and defensive techniques to manage these risks effectively. With the exponential growth of devices in homes, service providers also play a vital role in reducing cyber threats through device awareness, intelligence, and security data. Scott Dotto from Charter Communications gives a comprehensive overview of cybersecurity risks, and how to mitigate these risks to the customer and add safeguards to the Internet ecosystem.

**Abdul Saleem**

Engineer 4, Cyber Security Engineering,  
Comcast India Center LLC

**Carol Ansley**  
Lead Architect,  
Cox Communications

**Scott Dotto**  
Senior Manager, WiFi Product,  
Charter Communications

**CO-AUTHOR**

**Robert Gaydos**  
Comcast Fellow,  
Comcast

# Specialty Summits & Tracks

## CISO Summit

(Invitation Only, CableLabs® Members Only)

Wednesday, October 18 • 1:00 PM–3:00 PM MDT

CISOs collaborating across the cable industry and sharing insights amongst peers. This invite-only session is focused on driving security initiatives in support of industry needs around threats, IoT labeling, zero trust architectures, cryptography, securing AI, privacy tooling, technology policy, and broadband infrastructure security

**Brian Scriber**

Distinguished Technologist and VP of Security and Privacy Technologies,  
CableLabs®

## Security Summit – Lightning Talks

Wednesday, October 18 • 3:00 PM–5:00 PM MDT

Room 104

Security topics in short-form 10-minute presentation format. This is your chance to look at multiple current and future threats as well as appropriate mitigation strategies. Look at some demonstrations of modern technical solutions as they cross into this space. This is a call-to-action to on these highlighted topics and an opportunity to share the path through security and privacy threats to our technology.

**Brady Volpe**

CEO,  
Volpe Firm

**Brian Scriber**

Distinguished Technologist and VP of Security and Privacy Technologies,  
CableLabs®

**Dan Torbet**

Senior Director, Systems Engineering,  
CommScope

**Don Jones**

Director,  
Comcast

**Mark Tubinis**

Chief Commercial Officer,  
Veeva

**Rafie Shamsaasef**

Director of Software Engineering,  
CommScope

**Rikin Thakker**

CTO and SVP, Technology,  
NCTA

**Sharon Kent**

Comcast

**Xin Qiu**

Senior Director, Security Solutions,  
CommScope

# Strategy Summit

## STRATEGY SUMMIT AGENDA

### NaaP, NaaS – Opportunities (CableLabs® Members Only)

**Tuesday, October 17 • 3:00 PM–4:00 PM MDT**  
**Room 102**

Opportunities for our industry and the importance of East/West APIs.

**Filip Liharik**  
VP, Wireless Strategy and Product Planning,  
Comcast

**Gary Koerper**  
SVP, Emerging Technology,  
Charter Communications

**Mark Bridges**  
CTO,  
CableLabs

**Neel Dayal**  
Senior Director, Innovation and Partnerships,  
Rogers Communications

### Fixed Wireless Access: A Short- or Long-Term Service Offering? (CableLabs® Members Only)

**Tuesday, October 17 • 4:15 PM–5:15 PM MDT**  
**Room 102**

Telcos in the U.S. have all launched FWA services with targets of reaching 10% market share by 2025. What is the viability of FWA as a viable long-term broadband solution?

**Peter Supino**  
Senior Analyst,  
Wolfe Research

**Sanjay Patel**  
Sr. Director, Technology Strategist,  
CableLabs

### Everything, Everywhere All at Once: How to Launch Moonshots Focused on Breakthrough Impacts

**Wednesday, October 18 • 8:00 AM–9:00 AM MDT**  
**Room 102**

The Apple iPhone, DeepMind's AlphaGo, even the internet itself, all owe their innovative impacts to Moonshots launched at the crossroads of emerging tech, user demands, and major societal trends. Learn how can we use Moonshot thinking to catalyze breakthroughs that propel us into the next era of digital connectivity?

**John Feland**  
Principal Strategist,  
CableLabs

**William Cockayne**  
Author, "Building Moonshots",  
Innovative Leadership Group

### Improving the Wi-Fi Experience (CableLabs® Members Only)

**Wednesday, October 18 • 2:00 PM–3:00 PM MDT**  
**Room 102**

Subscribers are adding an unprecedented number of connected devices in their smart homes and running performance intensive applications such as HD video, gaming devices and AR/VR displays. Meta and CableLabs® have formed a collaboration to explore ways to correlate application telemetry and Wi-Fi Data Elements to help improve the subscriber experience. We will describe our approach, initial insights and how operators can leverage the results in their networks.

**Enis Akay**  
Network Ecosystems Engineer,  
Meta

**Luther Smith**  
Director, Wireless Access Technologies/Distinguished Technologist,  
CableLabs

**Sandeep Kohli**  
Manager, Strategic Partnerships,  
Meta



# Strategy Summit

## Extending the Digital Platform: EV Charging Stations (CableLabs® Members Only)

Wednesday, October 18 • 3:00 PM–4:00 PM MDT

Room 102

Unique assets and capabilities such as pervasive coverage, abundant and distributed powered devices, two-way data connectivity, and comprehensive service provisioning and installation pave the way for cable MSOs to engage in new business opportunities such as electric vehicle charging. Join this panel discussion with trailblazing MSOs entering the world of sustainable enterprises, alongside a pioneer in the electric vehicle charging market.

**Bill Warga**

VP Strategy & Technology,  
Liberty Global

**Kenneth Mathias**

VP, Technology Strategy & Planning,  
Charter Communications

**Todd Bryan**

Principal Strategist,  
CableLabs®

**William Loewenthal**

Strategic Advisor,  
Chargepoint

# SCTE® International Cable-Tec Games



**Thursday, October 19 • 9:00 AM–1:00 PM MDT**  
**Technical Training Theater (T3)**

International SCTE Cable-Tec Games is where the best cable technicians from around the world come to compete and showcase their skills. The year's winners from local cable games, typically held at chapter vendor shows or regional cable shows, will vie for the international gold, silver, and bronze awards in seven categories: cable splicing, meter reading, cable jeopardy, OTDR, fiber splicing, drop connection and MTDR.

## CABLE-TEC GAMES AGENDA

## A New Home of International Cable-Tec Games on Thursday

T<sup>3</sup> is not only the abbreviation for the Technical Training Theater, but it also stands for the three pillars of technical excellence: training, teamwork, and talent. At T<sup>3</sup>, we're proud to host the International Cable-Tec Games on the show floor. Our Technical Training Theater is where the magic happens, where our technical workforce hones their skills and knowledge to become champions in their respective fields. Join us and experience the thrill of the International Cable-Tec Games and see for yourself why T<sup>3</sup> is the place to train, compete, and excel!

## Showcasing Our Technical Workforce: The Why

The cable telecommunications industry relies on the expertise and skills of our technical workforce to keep our networks running smoothly and provide high-quality services to our customers. However, attracting and retaining technical professionals is becoming challenging for many companies in today's highly competitive landscape. That's why it's critical that we showcase the skills and expertise of our technical workforce both in our industry through targeted marketing efforts and at industry events like Expo! By highlighting the important role that our technicians, engineers, and other technical professionals play in our industry, we can help to raise awareness of the important work that our technical workforce does and attract new talent.

## SCTE International Cable-Tec Games Schedule

### 8:00 AM–8:45 AM MDT

Vendor Set-up, Contestants Check-in & Breakfast

### 8:45 AM–8:55 AM MDT

Contestants Gather for Group Picture

### 9:00 AM–9:10 AM MDT

Welcome & Let the Games Begin

### 9:10 AM–10:30 AM MDT

Teams Will Rotate Through Four Stations

### 10:30 AM–10:40 AM MDT

Break

### 10:40 AM–11:30 AM MDT

Teams Will Rotate Through Remaining Three Stations.

### 11:30 AM MDT

Medal Ceremony, Spirit of the Games Awarded & Raffle

### 12:00 PM (or earlier)–1:00 PM MDT

Contestants Will Try Out the Two New Games for Next Year

# Exhibit Hall Features

**Tuesday, October 17 • 12:20 PM–6:00 PM MDT**

**Wednesday, October 18 • 12:15 PM–6:00 PM MDT**

**Thursday, October 19 • 9:00 AM–1:00 PM MDT**

## Exhibit Show Floor

The Cable Telecommunications Industry's Hotspot for Innovative Products, Networking and Deal Making. SCTE® Cable-Tec Expo® 2023 Exhibit Hall builds on the success of new focus areas that have powered the increasing value of the reach of the industry, all culminating at Expo. Learn more about the new opportunities that will drive our future success – including the enormous potential of converging technologies and 10G – and get a greater understanding of how to leverage SCTE® programs and services to increase your career success.

### EXHIBIT HALL AGENDA

## Innovation Theater

**Where Innovation Takes Center Stage and Companies Can Share Cutting-Edge Products, Solutions and Approaches.**

Since its debut in 2016, Innovation Theater has been the hub of the transfer of knowledge on the exhibit floor. Presentations and panel discussions featuring business, operational and technology leaders from across the industry give Expo attendees a 360-degree view of the opportunities that lie ahead for the industry.

Join us to get insights on cutting-edge products, solutions and approaches in the ever-changing technology landscape at the SCTE Innovation Theater. Each 45-minute session features a leading company in this space, showcasing their latest advancements and innovations. This is an exceptional opportunity for you to connect with industry experts and thought leaders and as an attendee, gain a unique perspective on the current innovations.

### 40th Anniversary Photo Booth

Stop by the Innovation Theater Lounge and step into the photo booth to celebrate our 40th Anniversary! You will receive a printed and digital 4x6 anniversary photo. See you there!

## Innovation Theater Schedule

### TUESDAY, OCTOBER 17

**12:30 PM–1:15 PM**

**Ensuring 10G PON Reliability by Testing Service in the Last Mile**

**Robert Flask**  
Senior Product Line Manager,  
VIAVI

PRESENTED BY:



**1:30 PM–2:15 PM**

**Operationalizing High Performance Coherent Optics in Open Networks**

**Craig Mathis**  
Distinguished Engineer,  
Charter

PRESENTED BY:



**Saurabh Patil**  
Principal Architect,  
Cox

**Stephen Rupp**  
Senior Principal Engineer,  
Comcast

**MODERATOR:**  
**Mike Soulakis**  
Global Vice President,  
Infinera

**2:30 PM–3:15 PM**

**Beyond Speed: How MSOs are Primed to Deliver the Best Broadband Experience on the Planet**

**Jay Lee**  
Chief Technology & Strategy Officer,  
Broadband Access,  
ATX

PRESENTED BY:



**Sandra Howe**  
Director, Board of Directors,  
ATX

**Dan Whalen**  
CEO & President,  
ATX

**3:30 PM–4:15 PM**

**Xumo: Charter and Comcast's Video Joint Venture – and its Proposition for Cable Operators**

**Marcien Jenckes**  
CEO,  
Xumo

PRESENTED BY:



**Robyn Tolva**  
SVP, Video,  
Charter

# Exhibit Hall Features

**4:30 PM–5:15 PM**

Broadband Technology Report  
Diamond Technology Reviews  
Honoree Cocktail Reception  
(Invitation Only)

**WEDNESDAY, OCTOBER 18**

**12:30 PM–1:15 PM**

PMN Live! Don't Go Upstream Without  
a Paddle

Ron Hranac  
SCTE Network Operations Subcommittee Chair,  
SCTE

James Medlock  
CEO,  
Akleza

Mike O'Dell  
Distinguished Engineer,  
Comcast

Jason Rupe  
Distinguished Technologist,  
CableLabs

Foad Towfiq  
CEO,  
PromptLink

Brady Volpe  
CEO,  
Volpe Firm

Larry Wolcott  
Fellow,  
Comcast

**1:30 PM–2:15 PM**

Beyond the Burbs: Broadband  
Deployment Today and for the Future

Chris Bailey  
Sales Director,  
Wesco

Kristi Johnson  
Market Development  
Manager,  
Corning

Barry Walton  
Solution Architect,  
Corning

**2:30 PM–3:15 PM**

Comcast Brilliant Network

Nimrod Ben-Natan  
SVP & General Manager, Broadband Business,  
Harmonic

PRESENTED BY:



Sally Huriaux

VP, Network Evolution, Strategy, Data and  
Delivery,  
Comcast

Richard Prodan  
Fellow,  
Comcast

Guy Sucharczuk  
SVP & President, Access Network Solutions,  
CommScope

**MODERATOR:**

Robert Howald  
VP, Network Architecture & Fellow,  
Comcast

**3:30 PM–4:15 PM**

25GS PON: Continuing MSO  
Broadband Dominance

Edward Boyd  
VP, PON Research & Development,  
Ciena

Julie Kunstler  
Chief Analyst, Broadband Access  
Intelligence Service,  
Omdia

Stefaan Vanhastel  
VP, Marketing and Innovation,  
Nokia

**MODERATOR:**

Fernando Villarruel  
Chief Architect, MSO Practice,  
Ciena

PRESENTED BY:



PRESENTED BY:



**4:30 PM–5:15 PM**

Accelerating FTTP Adoption: CableLabs  
Leaders Discuss Lowering the Barrier  
to PON Deployments

Jason Lauer  
VP, Engineering and Operations,  
Kyrio

Paul Rodriguez  
Director, Field Education,  
SCTE

Jason Rupe  
Distinguished Technologist,  
CableLabs

Jon Schnoor  
Principal Architect, Wired Technologies,  
CableLabs

**MODERATOR:**

Curtis Knittle  
VP, Wired Technologies  
CableLabs

PRESENTED BY:



# Exhibit Hall Features

## THURSDAY, OCTOBER 19

### 9:15 AM–10:00 AM

Success of MVNO, NCTC's Mobile Offering Explored

Jared Baumann

VP Technology Innovation,  
NCTC

Zach Cutrell

Director, Technology Innovation,  
NCTC

PRESENTED BY:



### 10:15 AM–11:00 AM

Charting the Course: From Next-Gen Ubiquitous Connectivity to Amazing Customer Experiences

PRESENTED BY:



### 11:15 AM–12:00 PM

Sustainable Cable Networks

Ryan Capone

VP, Network Facilities & Energy,  
Comcast

PRESENTED BY:



Thuy Nguyen

Head of Cable Segment,  
Intel

Rodney Richter

Chief Technologist, Telco & Cable,  
HPE



MODERATOR:

Joe Prysizlak

Industry Technical Specialist,  
Intel

### 12:15 PM–1:00 PM

Veteran Hiring: Government Hiring Programs

Hector Guerra

CEO,  
ERA Solutions

PRESENTED BY:



## Technical Training Theater

T<sup>3</sup> is the short and snappy way we refer to our Technical Training Theater, where we offer top-notch technical training that is informative, interactive, and innovative. At T<sup>3</sup>, you'll learn from experts in the industry and discover new ways to innovate and excel in your job.

### NEW! Hands-On Technical Training and Presentations That Educate.

Enhance your educational experiences at the SCTE Cable-Tec Expo by attending presentations in the Technical Training Theater. This space, uniquely created to provide hands-on technical training and presentations, helps bring products and solutions to life in an educational theater setting. Each session is up to 90 minutes in length and filled with actionable insights for today's workforce.

### Plus, T<sup>3</sup> is home to the International Cable-Tec Games on Thursday!

T<sup>3</sup> is not only the abbreviation for the Technical Training Theater, but it also stands for the three pillars of technical excellence: training, teamwork, and talent. At T<sup>3</sup>, we're proud to host the International Cable-Tec Games, where the best cable technicians from around the world come to compete and showcase their skills. Our Technical Training Theater is where the magic happens, where our technical workforce hones their skills and knowledge to become champions in their respective fields. Join us and experience the thrill of the International Cable-Tec Games and see for yourself why T<sup>3</sup> is the place to train, compete, and excel!

## Technical Training Theater Schedule

### TUESDAY, OCTOBER 17

#### 1:00 PM–1:45 PM

L&D Keynote Session: Fireside Chat with Dr. Karl Kapp

Karl Kapp

Instructional Technology Professor,  
Commonwealth University Bloomsburg Campus

MODERATOR:

Jill Banks

Director Learning Operations,  
SCTE





# Exhibit Hall Features

## 2:00 PM–4:00 PM

**Future-Proofing the Workforce:  
Strategies for Success in Our Competitive,  
Rapidly-Evolving Tech Industry**

**Abbie O'Dell**

Senior Director, Learning Services,  
Field Operations,  
Charter

**Janice Silver**

VP, Intrapreneurship Academy Programs,  
Syndeo Institute

**Susie Tomenchok**

Chief Revenue Officer,  
The Cable Center

### MODERATOR:

**Michelle Vendelin**

Director, Innovation Services & Coaching,  
CableLabs

## 4:15 PM–5:00 PM

**Realizing the Potential of Generative AI  
for the Cable Industry**

**Nameet Dutia**

Senior Solutions Architect,  
AWS

**Swope Fleming**

Partner,  
Altman Solon

**Priya Mehra**

Director,  
Altman Solon

**Ross McWalter**

Head of Telecom Applications,  
AWS

## 5:15 PM–6:00 PM

**Increasing Net Adds and ARPU with AI:  
A Case Study from Breezeline and actifai**

**Ned Brody**

CEO,  
actifai

## WEDNESDAY, OCTOBER 18

## 12:15 PM–1:00 PM

**Practical AI for Broadband: Creating  
Immediate Value with New and Existing  
AO Solutions**

**Ned Brody**

CEO,  
actifai



## 1:15 PM–2:00 PM

**Design for Reuse**

**Ian Ruppert**

Senior Director, Industrial Design & Mechanical Engineering,  
Charter

**Chelsea Young**

Senior Industrial Design Manager,  
Charter

## 2:15 PM–3:45 PM

**Tap into the Power of FlexNap™**

**Joe Jensen**

Director of Market Development,  
Corning

## 4:00 PM–5:30 PM

**The Multiple Challenges of  
Broadband Expansion**

### DESIGN PANEL:

**Raul Moreira**

AVP of OSP Engineering,  
Design and Support,  
Cox

**Ron Vought**

President, Cable MSO,  
Essentia

**Eric Warren**

VP,  
Precision Valley Communications

### MODERATOR:

**Kristin Keith**

Director, Design Operations,  
Comcast

### CONSTRUCTION PANEL:

**Barry Holt**

VP, Global Cable Operations,  
Amphenol

**Peter Odell**

VP Construction,  
Charter

**Rick Saurez**

President,  
MasTec

### MODERATOR:

**Alan Gardiner**

Executive Director Construction Operations,  
Next Generation Access Networks,  
Comcast

PRESENTED BY:



PRESENTED BY:



PRESENTED BY:



PRESENTED BY:



PRESENTED BY:



PRESENTED BY:



# Exhibit Hall Features

## SCTE Cable-Tec Expo 2023 Brings Attendees Two Specialty Pavilions on the Show Floor

Get up close and personal with the latest innovations and products in the two specialty pavilions. These carefully curated exhibit areas offer something of interest and discovery to everyone in attendance.

### Sustainability & Circularity Pavilion

SCTE Cable-Tec Expo's Sustainability & Circularity Pavilion will proudly showcase some of the most innovative companies and organizations that are leading the way in sustainability, and we hope that you will join us in this important display and conversation. Attendees will learn about the cable industry's environmental goals, SCTE<sup>®</sup> Energy 20/20 program, and have the opportunity to explore the latest technologies, standards, and best practices that can help us reduce waste, increase energy efficiency, and promote circularity.

Sustainability is not just about reducing waste, but also about creating a circular economy where materials can be reused and recycled to create new products. This is why we believe that technology has a critical role to play in advancing sustainability, and why we are committed to showcasing the latest innovations that can help us achieve our sustainability goals.

### Mobility Pavilion

At the Mobility Pavilion, you'll discover the latest mobility solutions, including integration of mobile services into cable networks, and connect with industry leaders shaping the future of mobile technology.

## SCTE Member Engagement Center Connect. Collaborate. Innovate.

The SCTE Member Experience will be a convenient place to relax and recharge, plus an opportunity to collaborate with your peers. Optimize your SCTE membership and learn about the latest offerings in training and L&D.

## Business Networking & Media Hub

Elevate your networking game at our dedicated Business Networking Hub, a premier destination on the show floor. This exclusive area is designed to foster meaningful connections and create valuable opportunities for collaboration. Exhibitors and media can schedule time in the media interview room. Please visit the hub and speak with a staff member to book or use our convenient news desk and stand-up backdrop to capture your own story. Make the most of your time at the event by immersing yourself in this vibrant networking environment.

# SCTE®

a subsidiary of CableLabs®

# Fiber, HFC, Security, Wi-Fi™, Mobility and MORE.

SCTE® is YOUR ONE SOURCE for industry training, certifications, standards, and professional networking.

The Society of Cable Telecommunications Engineers (SCTE) is a not-for-profit global professional association that prepares cable telecommunications industry professionals with **what's next** in technology and in their **career path**. As a subsidiary of CableLabs®, SCTE is part of a **unique ecosystem** that is **powering** the connected networks and technologies of the future.



**18,000+** Members Across the Globe



**30,000+** Learners



**21,000+** Certification Achievers



**50,000+** Certifications Earned



**100+** Courses

**Enroll today. Learn more at [scte.org](https://scte.org).**

# Exhibit Directory

## 3ONEDATA CO., LTD. #2116

Founded in 2001 3onedata has been dedicated in industrial communication field for over 22 years. We are a National High-tech Enterprise integrating with R&D, manufacturing, marketing and service so as to provide complete business support to our worldwide partners and customers. Until now we have won the certificates of ISO9001 Quality Management, ISO14000 Environmental Management and OHSAS18001 Occupational Health and Safety Management Systems.

## 6WIND #1164

6WIND, a Green Tech company, is globally recognized as the leading provider of Virtual Service Router software solutions. Deployed by CSPs, MNOs, MSOs, Cloud-Providers, Data-Centers & Enterprises globally, enabling them to replace expensive hardware & build highly optimized & sustainable 5G, SD-WAN and IoT networks with virtualized networking software solutions for routing and security use cases.

## A10 NETWORKS #709

A10's core purpose is to enable a secure and available digital world. Our vision is to empower our customers to provide the most secure and available digital experience. Our mission is to help enterprises and service providers build business-critical networks and applications that are secure, available, and efficient. Visit [www.A10Networks.com](http://www.A10Networks.com) to learn more.

## ABALONE TECHNOLOGY (WUHAN) CO., LTD. #708

## ABALONE TECHNOLOGY GROUP (WUHAN) CO., LTD. #706

## ACCELIGHT TECHNOLOGIES, INC. (ATI) #859

## ACEC PHOTONICS LIMITED #739

## ACI COMMUNICATIONS, INC. #907

ACI offers innovative OSP amplifiers, optical nodes, headend equipment and customer premise products for the next wave of advanced services.

## ACTIFAI #211

Actifai is an AlaaS company serving telecom and broadband providers. Our AI presents prospective customers and existing subscribers with personalized product and service offers. Used by CSRs during calls and on websites for self-service sales, Actifai's industry-first AI delivers 8-14% boosts to average revenue per user, a 30% lift in sales conversion, and 6-11% subscriber retention improvement.

## ACTIONTEC ELECTRONICS, INC. #865

## ADAMS CABLE EQUIPMENT, INC. #633

## ADANT TECHNOLOGIES, INC. #2114

Adant provides smart antenna systems and RTLS solutions that leading wireless system manufactures, consumer electronic industry leaders and system integrators can easily integrate in access points, gateways, set-top boxes, notebooks, wearable devices in order to deliver an unprecedented connectivity and positioning experience.

## ADTRAN #1541

Broadband connectivity is foundational to our communities supporting all we do. With unprecedented infrastructure funding available, thousands of service providers are now delivering AI-driven, Gigabit broadband to every customer. Adtran offers the most comprehensive portfolio of fiber networking solutions from customer premises to the metro core. Learn more at [adtran.com](http://adtran.com).

## ADVANCED 1 #741

ADVANCED 1, an engineering services organization, has been faithfully serving the Telecommunications industry nationwide, for over 37 years. Our Field, Design and Technical Services groups provide expertise for our clients' day to day, business as usual work as well as large scale projects. For more information, see us at Booth 741 or visit our website; [advanced1.net](http://advanced1.net).

## ADVANCED MEDIA TECHNOLOGIES #947

## AFL #217



# Exhibit Directory

## AKAMAI TECHNOLOGIES

M27

Akamai powers and protects life online. Leading companies worldwide choose Akamai to build and secure their digital experiences—helping billions of people every day or daily. With the world's most distributed compute platform, we make it easy for customers to develop and run applications, while keeping experiences closer to users and threats farther away.

## ALLIANCE CORPORATION

#453

## ALTEC

#1111

Altec is a leading manufacturer of aerial lifts, derricks, truck-mounted cranes and specialty equipment for the telecommunications industry. With the latest in telecom equipment, including green technology and lightweight fiberglass bodies, we can innovate your fleet safer and smarter. From custom manufacturing, leasing, and rental—to used equipment and service, Altec will deliver. [altec.com](http://altec.com)

## AMDOCS

M35

## AMERICAN POLYWATER CORPORATION

#904

## AMERICAN PRODUCTS

#523

For more than 30 years, American Products has been dedicated to producing quality enclosures that help network providers protect their equipment and provide service to their customers. We build all of our own enclosures at our facility in Strafford, MO. This means that we can work directly with our customers to design and craft cabinets and/or shelters that meet their specific needs just right.

## AMPHENOL BROADBAND SOLUTIONS

#1309

Amphenol Broadband Solutions is Celebrating 75 years of innovation in the CATV/Broadband market. We deliver everything needed to build a world-class network. Our solutions cover the entire spectrum of broadband topologies; copper, fiber, wireless and satellite, enabling you to build your new RDOF network or expand your existing footprint.

## ANALOG DEVICES

M10

## ANTRONIX, INC.

#1601

Antronix is a long-trusted engineering and manufacturer of cable centric products aimed at extending existing HFC networks and driving fiber deeper to advance broadband or all geographies. The goal is to accelerate 'right-sized' ESD, optical PON solutions for premise, MDU and outside plant technologies for operators—no matter where they are on their network journey.

## AOI

#415

AOI has always been there. Designing and manufacturing broadband network equipment. We are now delivering our trusted innovations directly to you. With our new 1.8GHz family of amplifiers, we're pushing the boundaries of technology and operational efficiency. Discover next-gen features like amplifier remote management, and experience huge operational cost savings with our Quantum Bandwidth series.

## APPOSITE TECHNOLOGIES

#606

## APPROVED NETWORKS, A BRAND OF LEGRAND

#650

## ARCADYAN

#2319

## ARCOM

#1629

Arcom's Quiver has become the standard in CPD detection and ranging, utilizing our proprietary passive radar technology. Find problems without taking the network down. Quiver also contains the NTC TDR, which uniquely allows for testing on active powered plant. For signal leakage, our superior technology and approaches have now made us the market leader, and the first to invent an OUDP solution.

## ARISTA NETWORKS

#634

## ASB, INC.

# 647

## ASKEY COMPUTER CORP.

#577



# Exhibit Directory

## ATEME #906

Ateme is a global leader of video compression and delivery solutions, helping tier-one content providers, service providers and streaming platforms boost their viewers' engagement and reduce churn. Leveraging an R&D task force that is unique in the video industry, Ateme's solutions power sustainable TV services, improve end-users' quality of experience, optimize the total cost of ownership.

## ATX NETWORKS #1101, E5

## AUXORA, INC. #824

With a comprehensive, independent & technologically innovative system, Auxora has developed four product lines: components & modules, passive components for active transceivers, filters & prisms, & interconnect cabling. Auxora has forged cooperative relationships with many customers. Auxora offers products for various applications: telecom, datacom, CATV, biotech, hi power lasers & instruments.

## AVALON TEST EQUIPMENT #954

## AVAY, LLC #827

## AXIOM CONNECTIVITY #600

Axiom Connectivity has transformed the network solutions market with its optical transceivers, fiber optic cables, tunable optics, PON, FTTH optics, Mux/Demux, passive solutions, and more. Backed by a world-class engineering support team composed of industry veterans, Axiom Connectivity delivers high performance solutions which conform to the highest standards in design, manufacturing and testing.

## BATAVIA SERVICES, INC. #1831

## BLUE DIAMOND INDUSTRIES, LLC #309

## BROADBAND INTERNATIONAL, INC. #939

U.S. manufacturer of amplifiers to 1.8 GHz in Gainmaker® and MiniBridger®/BLE platforms. Full stations and drop-in modules/kits available. Electronic/plug ins to 1.8 GHz and to 1.2 GHz. Forward, Inverse, Node, Tap EQs, Attenuators, DC's, power supplies. Reverse solutions at 42, 85, 204, 396, 492, and 684 MHz (return upgrade kits available). Agile and plug-in AGC.

## BROADBAND TECHNOLOGY REPORT #1930

Broadband Technology Report provides comprehensive coverage of the competitive broadband arena through articles, newsletters, videos, webinars, and other media. Plus, through both staff-written and contributed features and blogs, BTR offers deeper insights into important technologies that help operators develop winning and effective networking strategies.

## BROADPEAK #841

We design and manufacture video delivery components for content providers and network service providers deploying video streaming services over fixed, mobile or satellite broadband networks. Our systems and services help operators increase market share and improve subscriber loyalty with superior quality of experience.

## BROADWAVE TECHNOLOGIES, INC. #604

BroadWave Technologies is a leading manufacturer of RF and Microwave coaxial components. Our product line includes impedance matching pads, DC blocks, feed through terminations, RF detectors, conduction and convection cooled terminations, conduction and convection cooled fixed attenuators, power dividers, RF adapters, directional couplers, manual variable attenuators and programmable attenuators.

## BUCKINGHAM MFG. CO., INC. #1732

## BUDCO, INC. #1531

## C&D TECHNOLOGIES, INC. #1647

## CABLE INNOVATIONS #822

## CABLE PREP #900

Headquartered in Chester, Connecticut, Cable Prep was founded in 1979 as Ben Hughes Communication Products Company. Since that time, Cable Prep brand tools have been setting the industry standard for performance, reliability, and ease of use. Our mission is to provide the best tools for installing telecommunications systems.

# Exhibit Directory

## **CABLELABS® #2201**

Visit CableLabs®, Kyrio® and Gridmetrics® at booth 2201. For more information on demos: [cablelabs.com/event/cablelabs-expo-2023](https://cablelabs.com/event/cablelabs-expo-2023)

## **CABLELABS RECORDING STUDIO #2211**

Visit CableLabs®, Kyrio® and Gridmetrics® at booth 2201. For more information on demos: [cablelabs.com/event/cablelabs-expo-2023](https://cablelabs.com/event/cablelabs-expo-2023)

## **CABLETEK WIRING PRODUCTS #801**

## **CALIAN #1811**

Calian designs and manufactures high-speed digital hardware and complex logic with capabilities in modulator, receiver, and monitoring technologies. We provide technology to enable your Remote-PHY, Remote MAC-PHY/Remote FMA-PHY and Full Duplex DOCSIS (FDX) Distributed Access Architecture solutions. Calian also offers DOCSIS 3.1 solutions with an upgrade path to future DOCSIS 4.0 technologies.

## **CALIX #639, M22**

Broadband service providers of all sizes leverage the Calix platform and managed services to simplify their businesses, excite their subscribers, and grow their value for their communities. The Calix platform enables our customers to operate efficiently, acquire subscribers, deliver exceptional subscriber experiences, and grow.

## **CANOPUS NETWORKS #336**

Canopus Networks is a global leader in AI-powered network analytics—revolutionising telecommunications. Canopus harnesses patented AI and Machine Learning to provide unparalleled insight into real-time streaming application usage. Canopus empowers telecommunication providers to monetize their data, optimize operations, and improve customer experiences. Dive deeper at [www.canopusnetworks.com](https://www.canopusnetworks.com).

## **CAREFIBER OPTICAL TECHNOLOGY CO., LTD. #547**

## **CASA SYSTEMS, INC. #1613**

An Industry Innovator for nearly 20 years, Casa Systems relies on a simple truth: if the network is not built for you, it is not the right network. We create solutions that fit your goals and needs. The right network empowers you to unlock new markets, new services, and new revenue opportunities and become a disruptor in your market.

## **CCI SYSTEMS #715**

CCI has been providing a variety of professional and consulting planning services, engineering, environmental and permitting services, outside & inside plant services, cybersecurity, and NOC services for more than 60 years allowing us the ability to perform turnkey solutions for customers. Innovative, experienced and dedicated team of more than 1,000 professionals.

## **CHALLENGER CABLE SALES #926**

## **CHANGZHOU CO-NET ELECTRONIC TECHNOLOGY CO., LTD. #1830**

## **CHANNELL #1339**

## **CHARTER COMMUNICATIONS, INC. #1201, #2139, E4, M61**

Spectrum is a suite of advanced communications services offered by Charter Communications, Inc., a leading broadband connectivity company and cable operator serving more than 32 million customers in 41 states. Over an advanced communications network, the company offers a full range of state-of-the-art residential and business services including Spectrum Internet®, TV, Mobile and Voice.

## **CHECK POINT SOFTWARE TECHNOLOGIES #2031**

Check Point Software Technologies, Ltd. is a leading provider of cyber security solutions to corporate enterprises and governments globally. Check Point Infinity's portfolio of solutions protects enterprises and public organizations from 5th generation cyber-attacks with an industry leading catch rate of malware, ransomware and other threats.

## **CHENGDU SUPERXON COMMUNICATION TECHNOLOGY CO., LTD. #707**

# Exhibit Directory

<b>CHOICE IT GLOBAL</b>	<b>#835</b>
<b>CIENA</b>	<b>#1500</b>
<b>CISCO</b>	<b>P4</b>
<b>CLEARFIELD, INC.</b>	<b>#1139</b>

Clearfield is Enabling the Lifestyle that Better Broadband Provides. Our fiber to anywhere platform serves the unique requirements of leading wireline & wireless carriers & MSO/cable TV companies, while catering to the broadband needs of utility/municipality, data center & military markets. Clearfield's product suite, designed with labor lite technologies, reduces labor costs & time to deploy.

<b>COMCAST</b>	<b>#1074, E2, M28</b>
<b>COMMERCIAL ELECTRONICS, INC.</b>	<b>#855</b>

Commercial Electronics, Inc. has provided innovative and reliable repair and engineering services since 1968. During this time, we have consistently demonstrated a well-earned reputation for outstanding quality repair, with a 1.4% Annualized Failure Rate, upgrade services, excellent personalized customer service, and fast turn-around. Stop by for a demo of the NESS app!

<b>COMMSCOPE, INC.</b>	<b>#773, M18, M24, M31</b>
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CommScope is pushing the boundaries of technology to create the world's most advanced wired and wireless networks. Our global team of employees, innovators and technologists empower customers to anticipate what's next and invent what's possible. Discover more at [www.commscope.com](http://www.commscope.com).

<b>COMPLETE CATV COMMUNICATIONS, INC.</b>	<b>#763</b>
<b>COMWORTH CO., LTD.</b>	<b>#340</b>

ComWorth is a solution provider with over 50 years of extensive experience serving customers from various industries telecommunications, enterprises, financial institutions, education, research and development organizations and government agencies. Since 2001 ComWorth evolves its business to include test and measurements equipment for both telephony, data networking and media connectivity products.

<b>CONCENTRIC</b>	<b>#958</b>
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Concentric is the national leader in DC power & energy storage solutions, power systems management and on-site maintenance for the critical power industry. PerpetualPOWER™ enables mission critical CATV, electric utility, data center, telecommunication, and petrochemical clients improve reliability and resiliency through a fixed cost program delivering capex savings and opex certainty.

<b>CORELOGIC</b>	<b>#614</b>
<b>CORNING</b>	<b>#1623, M59</b>

Corning Optical Communications is a leading manufacturer of fiber optic communications system solutions. We bring fiber to the people, wherever they live. We deliver connectivity to every edge of the network, from optical fiber, cable, hardware & equipment to fully-optimized solutions for high-speed communications networks. Visit us at [www.corning.com/opcomm](http://www.corning.com/opcomm).

<b>COX COMMUNICATIONS, INC.</b>	<b>E3</b>
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For more than a decade, our sustainability program has been instrumental in driving meaningful progress toward environmental change. With nearly \$140 million invested in more than 400 sustainability and conservation projects, we're on track to meet our aggressive Cox Conserves goals: Zero Waste to Landfill by 2024 and becoming carbon and water neutral by 2034.

<b>CPAT FLEX</b>	<b>#1707</b>
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CPAT FLEX is a modular, scalable, GIS-based egress and ingress location and monitoring solution that helps broadband cable system operators drastically improve the efficiency of their fleet operation and system plant maintenance. It allows the MSOs the tools they need to maintain the quality of their HFC networks across the entire spectrum. [cpatflex.com](http://cpatflex.com)

<b>CRADLEPOINT, INC.</b>	<b>#831</b>
<b>CRAFTMARK CABLE MARKERS</b>	<b>#2015</b>
<b>CREDO SEMICONDUCTOR</b>	<b>#829</b>

# Exhibit Directory

## CUBRO NETWORK VISIBILITY #M6

Cubro solutions remove network monitoring blind spots, enhancing visibility and control of all data transiting a company's network. Our solutions are instrumental in the successful outcomes of IT initiatives such as 5G/4G/3G, customer experience, digital transformation, security, virtualised Data Centres and software-defined networking/NFV. Learn more at [www.cubro.com](http://www.cubro.com).

## CUSTOM TRUCK ONE SOURCE #315

Custom Truck One Source (Custom Truck) is the first true single-source provider of specialized truck and heavy equipment solutions, offering a vast rental fleet, new and used equipment sales, aftermarket parts and tooling supply, world-class service, customization and remanufacturing, in-house financing solutions and reliable liquidity of aged assets through our auction.

## CYCLOMEDIA TECHNOLOGY, INC. #2017

Cyclomedia is the industry's only provider of 100-megapixel, parallax free imagery, resulting in an average positional accuracy of  $\pm 10\text{cm}$  ( $\pm 1\text{ }^\circ$ ) & a relative measurement accuracy of 2cm. Here's a snapshot of what we offer: Imagery & LIDAR that enables views of poles from multiple angles. Detailed images of building materials, property construction, pole assets, overhead conductors, & potentia.

## CYIENT, LTD. #607

Cyient (Estd: 1991, NSE: CYIENT) is a global Engineering and Technology solutions company. We collaborate with our customers to design digital enterprises, build intelligent products and platforms and solve sustainability challenges. We are committed to designing tomorrow together with our stakeholders and being a culturally inclusive, socially responsible, and environmentally sustainable organization.

## DANTHERM COOLING, INC. #649

## DCOMM #2230

## DEFANG TECHNOLOGY, INC. #539

## DIGICOMM INTERNATIONAL, INC. #1223

We're your strategic partner for immediate fulfillment, top-tier products, and same-day shipping. Our 250,000-square-foot distribution facility stocks more than 50,000 part numbers from manufacturers you trust. From pads and equalizers to aerial hardware, underground construction, amplifiers, nodes and headend products, the equipment you need is ready for prompt shipment worldwide.

## DIGITAL ALERT SYSTEMS (FORMERLY MONROE ELECTRONICS) #936

Digital Alert Systems (formerly Monroe Electronics) is the leading manufacturer of advanced EAS/CAP compliant Encoder/Decoder solutions for analog, digital, and IPTV distribution systems. The DASDEC-III, is the next-generation platform for 21st-century emergency messaging, and when linked with our patented HALO™ system users can monitor and manage any size system from a single dashboard.

## DRIVENETS #852

DriveNets network disaggregation solutions are transforming the way operators build networks. DriveNets adapted the architectural and economic models of cloud to carrier-grade networking. With cloud-native software running over a shared physical infrastructure of white-boxes, DriveNets is simplifying network operations, increasing scale & elasticity and accelerating service innovation.

## DURA-LINE CORPORATION #747

## DYCOM #966

Dycom Industries, Inc. is a leading provider of specialty contracting services to the telecommunications infrastructure and utility industries throughout the United States. Dycom is made up of more than 40 operating companies that serve a diverse customer base across 49 states from hundreds of field offices.

# Exhibit Directory

## DYS FIBER OPTIC LIMITED

#1928

DYS Fiber Optic Limited is a professional company in developing and manufacturing advanced fiber optic products. We mainly provide high standard customized patch cords, high-quality outdoor waterproof patch cords, and MTP products. Our optical products are UL listed, CPR, RoHS and Reach compliance. DYS also obtained ISO9001, ISO14001, ISO45001 certificates.

## EAST PENN MANUFACTURING CO., INC.

#815

## EERO, LLC

#2123, M11

Give your customers a world class wifi experience. eero for Service Providers is a turnkey solution offering you real-time insights, advanced security, and mesh wifi systems to ensure reliable connectivity throughout every room of your customer's home. eero is part of the Amazon family.

## ELECTROLINE EQUIPMENT

#1917

## ENERGY COOL

#767

Energy Cool produces the world's most energy/economical and environmentally friendly total solutions for technical sites by using natural reusable cooling elements. Our vision is to be the world's most scalable and sustainable manufacturer. We are driven to bring our ideas to life and make a tangible impact in the world. We have both the innovative ideas and expertise to turn them into reality.

## ENERSYS

#923

EnerSys is your partner to help you get the full potential of your broadband network, providing products, services, software, and consulting. A pioneer in recognizing the need for broadband sector solutions, our products include standby, non-standby and uninterruptible power supplies, network fiber solutions, advanced gateway solutions, renewable energy products, enclosures, batteries, and more.

## EPOCH SOLUTIONS GROUP

#614

## ERICSSON, INC.

P2

Ericsson is the world's leading communications technology and services provider. We enable the Networked Society with efficient real-time solutions that allow us to study, work and live our lives more freely, in sustainable societies around the world. We offer services, software and infrastructure within Information and Communications Technology for telecom operators and other industries.

## ESRI

#614

## ESSENTIA, INC.

#710

At Essentia, we've assembled a team of trusted experts who design and build turnkey outdoor & indoor networks with unrivaled quality and record-setting cycle times. Founded in 2003 and based in Charlotte, N.C., Essentia has planted roots across the country while supporting Cable MSOs, Telecom Carriers, on-the-move Enterprises, and Critical Infrastructure/Utilities.

## EVERTZ

#501

Evertz is a global leader in the design and manufacturing of video and audio infrastructure equipment for the television broadcast, television distribution, telecommunications and cable industries. Evertz provides professional video services and complete end-to-end broadcast solutions for all aspects of broadcast production including content creation, signal distribution and content delivery.

## EVOLUTION DIGITAL, LLC

#623

Evolution Digital, LLC is a leading provider of a broad portfolio of integrated video products, whole-home Wi-Fi offerings and software management solutions for the global service provider industry. Our partners include both service providers and their customers who use our products daily to enhance their lives.



# Exhibit Directory

## EXFO, INC.

#1729

EXFO develops smarter test, monitoring and analytics solutions for the global communications industry. We are trusted advisers to fixed and mobile network operators, hyperscalers and leaders in the manufacturing, development and research sector. They count on us to deliver superior visibility and insights into network performance, service reliability and user experience.

## FALCON V SYSTEMS

#948

Falcon V Systems empowers MSOs to seamlessly adopt Distributed Access Architecture (DAA) technology, allowing them to maintain, scale, and operate their networks cost-effectively. Our portfolio prioritizes the automation and security of complex transformation projects, from deployment to operation, with key network components for advanced orchestration and robust testing frameworks.

## FECHOMETAL USA

#2029

## FIBER REAPER

#653

Fiber Reaper is a simple, no nonsense, adjustable fiber cable clamp, designed by a fiber splicer, to save you time and hassle when securing your cables. The Fiber Reaper is designed to accept any size, type, or configuration of cables or even closures, and completely immobilize them for fast and easy splicing preparation. Please visit us at booth 653 and check us out!

## FIBERFOX AMERICA, INC.

#808

## FIBRAIN

#866

FIBRAIN is an independent European producer from Poland of fiber optic and photonics technology. Our technological facilities include 4 Fiber Optic Manufacturing Centers located in Poland, which guarantee the comprehensive product & system portfolio used to build fiber optic networks, in all current technologies. In addition, we have our own R&D departments for GPON technology under our brand Hain.

## FIRST PRINCIPLES INNOVATIONS

#2130

Your one-stop for access network transformation planning. AP-Jibe® assists in creating access network transformation, business, and operational plans. In minutes, the telecom operators can evaluate new deployment, create strategic direction, and conduct detailed enterprise level planning. It is collaboratively used by the access network planners, product strategists, operational and finance teams

## FIS-FIBER INSTRUMENT SALES

#1828

## FLYIN OPTRONICS CO., LTD.

#411

## FONCS

#652

We are a design, manufacturing and sales organization that provides turnkey fiber optic solutions to broadband companies. We manufacture our products in Mexico using the best raw materials and testing our products to exceed customers expectations for quality and performance.

## FUJITSU NETWORK COMMUNICATIONS, INC.

M21

Fujitsu Network Communications, Inc., is a leading provider of digital transformation solutions for network operators, service providers and content providers worldwide. Working closely with our customers and partners, we combine best-in-class hardware, software and services with multivendor expertise to enable cost savings, faster services delivery and improved network performance.

## FULL CIRCLE FIBER PARTNERS, LLC

#765

## FUTURE INFRASTRUCTURE, A PRIMORIS COMPANY

#803

## GCG COMMUNICATIONS

#1901

## GENERAL MACHINE PRODUCTS

#1906

## GME SUPPLY/CUSTOM TOOL SUPPLY

#846

## GO SIMPLY CONNECT

#2001

Simply45® Manufactures connectivity products that streamline the installation process for the hand termination of category cable featuring exclusive Cap45 patented technology.

# Exhibit Directory

<b>GO!FOTON</b>	<b>#1747</b>
<b>GUANGDONG TUMTEC COMMUNICATION TECHNOLOGY CO., LTD.</b>	<b>#1911</b>
<b>HANGZHOU TONGXING ELECTRONICS CO., LTD.</b>	<b>#759</b>
<p>Found in 1991, Hangzhou Tongxing Electronics Co., Ltd. is a high-tech enterprise which professional research and manufacturer. We have independently researched and produced the main products that including: 1550nm optical transmitter, 1550nm EYDFA, optical, etc. Tongxing people constantly strive forward with the spirit of Innovation, Refinement, Persistence, Striving.</p>	
<b>HARMONIC, INC.</b>	<b>#915</b>
<p>Revolutionary broadband for the ultra-connected future. Leverage the market-leading converged virtual platform for PON, HFC DOCSIS, and DAA networks.</p>	
<b>HEWLETT PACKARD ENTERPRISE</b>	<b>E6</b>
<b>HF RADIO COMMUNICATION TECHNOLOGY CO., LTD.</b>	<b>#548</b>
<b>HITRON AMERICAS</b>	<b>#2023</b>
<p>Hitron leads the way with cutting-edge technology, spearheading advancements in DOCSIS 4.0 and Wi-Fi 7. We complement our top-tier Wi-Fi and DOCSIS CPE with an expanding software portfolio tailored to diverse needs, serving installation technicians, end-users, and customer support representatives alike.</p>	
<b>HUBBELL, INC.</b>	<b>#1923</b>
<p>Hubbell Power Systems (HPS) is a global manufacturer and supplier of products that support communication projects, construction and maintenance. Our communications infrastructure products support and protect vital components found in all OSP (Outside Plant) networks, whether aerial or underground. HPS provides the reliable products you need to construct, maintain and manage communication networks.</p>	
<b>HUIZHOU YHT BROADBAND EQUIPMENT CO., LTD.</b>	<b>#500</b>
<b>HUMAX NETWORKS (USA), INC.</b>	<b>M14</b>

<b>HYESUNG CABLE &amp; COMMUNICATION, INC.</b>	<b>#447</b>
<b>INCOGNITO SOFTWARE, INC.</b>	<b>#629</b>

With over 30 years of experience, Incognito has helped global providers accelerate and innovate broadband services, with a unique focus on cable, fiber, and mobile broadband technologies.

<b>INFINERA</b>	<b>#1130</b>
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Infinera is a global supplier of innovative, open optical networking solutions and advanced optical semiconductors enabling carriers, cloud operators, governments, and enterprises to scale bandwidth, accelerate service innovation, and automate operations. Infinera solutions deliver industry-leading economics and performance in long-haul, submarine, DCI, and metro transport applications.

<b>INFINITE COMMUNICATIONS, INC.</b>	<b>#1177</b>
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Infinite Communications provides broadband infrastructure construction, engineering and Data Center services throughout the United States. We are well positioned and can easily scale operations to support the rapidly growing telecom industry.

<b>INFOVISTA CORP</b>	<b>#1701</b>
<b>INNO INSTRUMENT AMERICA, INC.</b>	<b>#840</b>
<b>INTEGRAOPTICS</b>	<b>#800</b>
<b>INTEL</b>	<b>M32</b>

Intel expands the boundaries of technology to make the most amazing experiences possible. With a breadth of solutions across the connected home, access network, service provider edge, and data center, Intel is helping the cable industry quickly and cost effectively transform their networks. Information about Intel's efforts in cable broadband can be found at [www.intel.com/cable](http://www.intel.com/cable).

# Exhibit Directory

## IP INFUSION

#962

IP Infusion manufactures open network software and solutions for carriers, service providers and data centers. With hundreds of customers and thousands of deployments, IP Infusion is a market leader in Network Operating Systems. Our flagship software platform OcNOS® allows network operators to disaggregate their networks, streamline operations, and reduce Total Cost of Ownership (TCO).

## ITG COMMUNICATIONS, LLC

#753, M43

ITG Communications, LLC offers nationwide fulfillment, construction, and management for cable & telecom sectors. We manage installations, upgrades, outside plant construction, maintenance, and other outsourced operations. Using advanced business intelligence tools, we gain real-time insights into our tasks, ensuring we consistently meet and surpass customer expectations.

## JAMESON TOOLS

#719

In 1980, Jameson introduced the first continuous core fiberglass duct rodder made in America. This innovation laid the foundation for our comprehensive range of duct rodgers, including fiberglass fish tapes, fish rods, and traceable duct rodgers. Renowned for their quality, Jameson's wiring and splicing tools are approved by major telecom companies. Wherever your job takes you, count on Jameson!

## JFW INDUSTRIES

#910

For over 40 years, JFW Industries Inc. has been a world leader in designing and manufacturing passive RF components and application specific RF test systems for use in the cable TV, cellular, telecommunications, OEM test equipment, medical, automotive, defense, and automated test systems markets.

## JIANGSU YITONG HIGH TECH CO., LTD.

#312

YITONG TECHNOLOGY is a Chinese market leader specializing in manufacturing CATV equipment and video monitoring systems.

## JONARD TOOLS

#940

Founded in 1958, Jonard Tools® manufactures tools for the Telecom, CATV, Fiber Optic, Home Automation, Security & Alarm, and Electrical markets. Jonard Tools designs and engineers patented products by utilizing customer partnerships to create innovative solutions for industry needs. New tools are released each month and are all Made For Life® with lifetime warranties.

## JPC CONNECTIVITY

#857

## JUNIPER NETWORKS, INC.

#1439

Juniper Networks is dedicated to dramatically simplifying network operations & driving superior experiences. Our solutions deliver industry-leading insight, automation, security & AI to drive real business results. We believe that powering connections will bring us closer together while empowering us all to solve the world's greatest challenges of well-being, sustainability & equality.

## JYC ELECTRONIC CO., LTD.

#837

JYC company specially produce and design all kinds of RF Connectors, & RF cable assemble & Antennas and Fiber cables. We have more than 15 years production experience. Our price and quality are very competitive. If you are interested in our products you are welcome to contact with us.

## KAON

M36

KAON is a technology leader in Pay-TV, Broadband solutions, associated revenue-generating services, and home network devices including stand-alone managed Wi-Fi Access Point Routers, Wi-Fi Mesh Extenders, and Gateway devices featuring Mesh-compatible Wi-Fi combined with DOCSIS, PON, and DSL access network technologies.

## KEYSIGHT TECHNOLOGIES

P5

# Exhibit Directory

## KGPCO #1239

KGPCo is a product distribution and supply chain logistics supplier to telecom service providers, MSOs, and utilities. With the largest network of OEMs in the industry, our stock includes thousands of products required to build networks. We are a single source for design and architecture, production and sourcing, and installation and support everything it takes to build and deploy networks.

## KIDDE FIRE SYSTEMS #825

## KLJ ENGINEERING #1940

## KNET CO., LTD #2028

## KRONBACK TRACERS #868

## LIGHT BRIGADE #552

Since 1987, Light Brigade is known as the "Leader in Fiber Optic Skills Training." In August 2020, Light Brigade was acquired by Hexatronic Group AB, a Swedish-based public technology company that specializes in fiber optic products and training services. For over 35 years Light Brigade has offered worldwide, state-of-the-art, instructor-led, certified fiber optic training courses.

## LINDSAY BROADBAND (A DIVISION OF TECHNETIX GROUP) #1231

## LINE WORK BUCKET PRODUCTS #1841

## LITTLE GIANT LADDER SYSTEMS #1929

The increased awareness and prioritization of ladder safety is making Little Giant the go-to company for safe climbing solutions. As we continue our research, engineering and developing the best designs and materials, you will see a robust variety of new products and training, and we can't wait to share that with you!

## LODE DATA CORPORATION #1067

## LOGIC NETWORKS, LLC #932

## LYNN BROADBAND #677

LYNN manufactures Datacom and Broadband deployment products including high-density fiber panels, trunks, patch cables, armored cables, ruggedized splitters & pigtailed, FDH cabinets, fiber enclosures, MST terminals, field-installable connectors, and more. With two Corning Gold-approved manufacturing lines, we offer quick-turn services regularly providing 2 to 3-day lead times. Same-day shipping.

## LYNX PLANNING & ENGINEERING, INC. #757

We are your go-to Urban and Rural Broadband specialists, we provide comprehensive services encompassing all aspects of planning, design, engineering, and permitting. Discover the power of innovative design and engineering solutions with Lynx Planning & Engineering Inc. We are here to deliver exceptional results and exceed your expectations at every step of the journey.

## MACOM #2018

MACOM designs and manufactures high-performance semiconductor products for the Telecommunications, Industrial and Defense, and Data Center industries. MACOM services over 6,000 customers annually with a broad product portfolio that incorporates RF, Microwave, Analog and Mixed Signal and Optical semiconductor technologies.

## MAINSTREAM INNOVATIONS, INC. #748

## MAPTRAQ #2030

## MARUSYS #725

R&D performance in advanced embedded systems like STB, OTT, etc., for 25 years since 1998. A proven track record as a reliable supplier for pay-TV service providers worldwide. A major supplier of Korea Telecom. Broadcom, Amlogic, Realtek, and other cutting-edge product lineup.

## MASTEC M52

# Exhibit Directory

<b>MAXCOM</b>	<b>#819</b>
<p>MAXCOM is a major manufacturer and supplier of fiber optic transport and conversion equipment since 2000. Specializing in RF Overlays, RFoG, Transmitters, EDFA's, Mux solutions, Mini Nodes, R-ONU's, offering custom solutions and designs. Maxcom also offers solutions for transporting ASI and SDI signals. RF and Fiber Optic solutions supporting Video – Audio – Data – L-Band – Signal Generators</p>	
<b>MEDIAKIND</b>	<b>#1165</b>
<b>MEGA HERTZ</b>	<b>#918</b>
<b>MILLENNIUM</b>	<b>#1805</b>
<b>MINERVA NETWORKS</b>	<b>#751</b>
<p>Minerva provides a comprehensive cloud based platform for personalized video entertainment. Proven at scale, Minerva offers the fastest time to market with full service administration interface and APIs. Minerva also offers unique award winning features such as Smart Highlights which creates personalized highlight reels of popular sports.</p>	
<b>MOORE COMMUNICATION SYSTEMS, LLC</b>	<b>#2128</b>
<b>MP INSTRUMENT CO.</b>	<b>#964</b>
<b>MULTILINK, INC.</b>	<b>#1515, 234</b>
<p>Multilink is an industry-leading designer, developer, and manufacturer of products for the telecommunications industry. Multilink manufactures a full line of fiber optic products including patch &amp; splice enclosures, cables, assemblies, optical splitters, and cabinets. We also offer a large variety of fiber distribution hub cabinets and architectural raceway molding for your existing networks.</p>	
<b>MULTITEL, INC.</b>	<b>#805</b>
<p>Multitel's remote monitoring and management systems help North American telecom companies gain visibility of their critical assets and obtain real-time data for better planning and decision making. Our main brands: Atlas: Network monitoring &amp; asset data analytics platform. iO Gateway: Secure remote access to UPS, DC systems, power meters, BAS/BMS, HVAC and other critical assets FUSION: RTU</p>	

<b>NARADA POWER SOURCE</b>	<b>#807</b>
<b>NATIONAL ONDEMAND, INC.</b>	<b>#802</b>
<b>NATIONAL POWER CORPORATION</b>	<b>#646</b>
<p>National Power is a turnkey engineering, installation and equipment provider to the telecommunications and data center industries. We specialize in the design and build of AC and DC Power systems, battery plants, and commercial generators. We are a premium Generac dealer; however, we service, maintain and install all brands. We are also certified with Level 4 engineers for all DC Power plants.</p>	
<b>NCTI</b>	<b>#1600</b>
<p>Stop by booth 1600 for a glimpse at the future of training in NCTI's virtual fiber splicing trailer. Look around, explore, and learn your own way in a fully immersive video tour. If you're holding an NCTI master tech certification, come by our booth and find your name on the Master Tech Wall of Fame!</p>	
<b>NETCEED</b>	<b>#1817</b>
<b>NETCONNEX, LLC</b>	<b>#812</b>
<b>NETSCOUT</b>	<b>#331</b>
<p>NETSCOUT SYSTEMS protects the connected world from cyberattacks, performance and availability disruptions through the company's unique visibility platform and solutions powered by its pioneering deep packet inspection at scale technology. NETSCOUT serves the world's largest service providers and enterprises. Learn more at <a href="http://www.netscout.com">www.netscout.com</a> or follow @NETSCOUT on LinkedIn, Twitter, or Facebook.</p>	
<b>NINGBO GMF TELECOM TECHNOLOGY CO., LTD.</b>	<b>#573</b>
<p>Established in the year of 2010, NINGBO GMF TELECOM TECHNOLOGY CO., LTD. is a professional designer, manufacturer and exporter of passive telecom network products. Our main products include patch cords, Splitters, distribution boxes, patch panel, ODF, closures, cabinets, Fiber Optic and Copper based network components. GMF Telecom is located in Cixi, Ningbo, close to Ningbo port and Shanghai port.</p>	



# Exhibit Directory

**NINGBO MEILAN COMMUNICATION EQUIPMENT CO., LTD.** #311

**NINGBO SAFEWELL SMART SECURITY PRODUCTS CO., LTD.** #509

**NOKIA** #1215, P3, M48

At Nokia, we create technology that helps the world act together. As a B2B technology innovation leader, we are pioneering networks that sense, think and act by leveraging our work across mobile, fixed and cloud networks. In addition, we create value with intellectual property and long-term research, led by the award-winning Nokia Bell Labs.

**NORMANN ENGINEERING GMBH** #854

**NWC CO., LTD** #749

**OMNI REMOTES** #864

Omni Remotes is a leading maker of remote controls globally. Since 1990, we have designed, developed and manufactured over a billion devices for the biggest brands in pay TV, consumer electronics, home automation and PC/OTT segments. With an extensive portfolio of patents, Omni Remotes products are at the heart of many innovations in home technology today.

**OMNION POWER** #703

A leader in power conversion technology, OmniOn partners with customers to deliver reliable solutions that power their businesses both today and well into the future. Our expertise and support provide peace of mind as we guide customers through changing industry landscapes. We anticipate their future power needs and collaborate to help ensure their sustained success.

**OOKLA** #614

**OPENVAULT** #1916

OpenVault is the only cloud-based solutions provider focused exclusively on improving the value of broadband providers' networks with quick-to-deploy business enhancing tools built upon our unique ability to capture and analyze actual network and subscriber usage data in real time—to improve network performance, increase revenue streams new and existing, and improve subscriber satisfaction.

**OPENWIFI** #858

Launched in 2021, OpenWiFi is a community-developed open-source platform designed to lower the cost of developing and operating Wi-Fi networks. Designed to include a cloud controller SDK and switches and enterprise-grade access point firmware validated to work seamlessly together, the platform's unique approach to Wi-Fi creates an open-source disaggregated technology stack without vendor lock-in.

**ORIENT CABLES INDIA PVT, LTD.** #2100

Orient Cables, founded in 2002, is a major Indian cable manufacturer. It serves global IT, telecom, rail, and utility sectors, offering networking, coaxial, power, fiber, control & instrumentation cables. With 850 employees, it earned \$65M revenue last year. Orient exports to UAE, USA, Australia, etc. Certified by UL, ETL, BIS, ISO, RDSO, TEC, showcasing commitment to quality.

**ORR PROTECTION SYSTEMS, INC.** #823

ORR Protection provides specialized fire detection and suppression for cable, fiber, and broadband facilities. Our solutions are designed to operate with zero interruption to your customers' experience. We deploy fire suppression clean agents that are non-conductive, non-corrosive, non-water based, safe to breathe and safe for the environment.

**PBT: A SENS COMPANY** #1915

PBT is an emerging leader in remote battery monitoring systems that can save maintenance costs, predict failures, extend life, and improve reliability. Acquired by SENS in 2023 to expand advanced industrial battery offerings, PBT provides scalable, open, cost-effective monitoring that integrates into networks for Fortune 100 companies, cable TV, telecom, and utilities.

**PENGUINDATA WORKFORCE MANAGEMENT** M8

PenguinData's platform offers robust efficiency through SaaS technology, addressing various business segments such as Field Fulfillment, Construction, Drop Buries, & more.

**PLP** #557

# Exhibit Directory

## PLUME #431

Plume® is the creator of the world's first SaaS experience platform for Communications Service Providers (CSPs) and their subscribers, deployed in more than 50 million locations globally. As the only open and hardware-independent, cloud-controlled solution, Plume enables the rapid delivery of new services for smart homes, MDUs, small businesses, and beyond at massive scale.

## PLUMETTAZ AMERICA CORP #1809

Plumettaz American Corp is one of the leading manufacturers of telecommunication installation equipment products and tools. Featured products are the MiniJet™ and Ultimaz™ for FTTX, ISP & Enterprise installations. We also are the sole supplier of SuperJet™ Systems in the USA.

## POSITRON ACCESS SOLUTIONS CORP. #1065

## POWER & TEL #901

Power & Tel specializes in the procurement, sales, and material management of products to the global communications marketplace. Our distribution network provides you a critical and efficient link between your needs and the manufacturers' solutions for them.

## POWER OF DESIGN GROUP #1171

## PPC BROADBAND, INC. #1323

PPC is the premier product brand of Belden Broadband Solutions, a leading manufacturer of connectivity and network optimization solutions for worldwide broadband service providers. Belden and its PPC brand offer award-winning solutions for next gen networks through an expansive portfolio of fiber and copper products enabling fast, reliable data transmission for a broad range of applications.

## PRECISION OPTICAL TECHNOLOGIES, INC. #565

Precision Optical Technologies, Inc. is a systems integration company focused on end-to-end optical networking solutions, network design services and cutting-edge product development advancements. Backed by our extensive experience and robust R&D efforts, we play an integral role in enabling next-generation optical networks worldwide. For more information, visit [www.precisionot.com](http://www.precisionot.com).

## PRIMEX #922

## PROLABS #1207

ProLabs is a leading provider of optical networking solutions. For over two decades, we have delivered optical connectivity solutions that give our customers freedom, choice, and seamless interoperability. We serve a diverse range of industries including enterprise, government, and global service providers.

## PROMPTLINK COMMUNICATIONS #439

Promptlink Communications is an innovative provider of tools for CPE testing, HFC Noise analysis and Data Labeling.

## QORVO M39

Qorvo delivers the broadest line of best-in-class performance end-to-end broadband components such as GaN and GaAs based hybrid and multi-chip-module (MCM) power doubler amplifiers, low noise MMIC amplifiers, analog and digital attenuators, high isolation switches for hybrid fiber coaxial (HFC), Fiber-to-the-Home (FTTH), and Head End/EdgeQAM applications.

## QUEST CONTROLS, INC. #746

Quest Controls provides monitoring and control solutions for headends, hubs, OTNs and data centers. Applications: environmental monitoring, power monitoring including Commercial Power, DC Plants, BDFB, Inverters, Generators, ATS, UPS, Breaker & Fuse Panels, Power Meters, Electrical Distribution Panels, and Tower Light monitoring. SNMP traps/gets are sent to NOCs and email messages sent to MSO.

# Exhibit Directory

## **RAD** **#1705**

RAD's solutions include market-leading EADs supporting the latest MEF 3.0 specifications for delivering CE & IP VPN services, including comprehensive SLA assurance, end-to-end visibility & life-cycle management capabilities over any access. They also include programmable cell site gateways for fast rollouts of early 5G deployments with fronthaul/midhaul/backhaul support & future 5G upgrades.

## **RADIANT COMMUNICATIONS CORP** **#957**

What We Do. Radiant Communications is a leading manufacturer of MPEG2/H.264 encoders and decoders as well as optical transport equipment for voice, video, and data.

## **RADWARE** **#717**

Radware is a leading provider of security solutions for businesses of all sizes. We specialize in DDoS protection, cloud application protection, bot management, and application delivery. With a clientele that includes some of the largest companies in the world, Radware is well-equipped to protect your business from various cyber threats. Learn more about our products and services at booth 717.

## **RAINBOW TECHNOLOGY CORPORATION** **#553**

## **RED HAT, INC.** **#1800, M55**

Red Hat is the world's leading provider of enterprise open source solutions—including Linux, cloud, container, and Kubernetes. We deliver hardened solutions that make it easier for enterprises to work across platforms and environments, from the core data center to the network edge. Stop by booth #1800 to learn more.

## **REMOTE SOLUTION AMERICA, INC.** **M17**

Remote Solution has been a global leader developing remote control products for over 25 years. Our cutting edge RCU solutions offer best-in-class designs and user experiences for your wireless remote control device needs.

## **RIBBON** **P1**

## **RINCON TECHNOLOGY** **#1546**

## **RMSI NORTH AMERICA, INC.** **#711**

RMSI is a telecom Service Partner providing fixed & wireless network engineering services & solutions, such as network design, service provisioning, & digital. We provide a high degree of client engagement, are flexible in our delivery style, & leverage technical innovation and continuous improvement. RMSI has a global presence, with offices in the USA, Canada, UK, EMEA, Australia, & India.

## **ROCNET SUPPLY, INC.** **#867**

RocNet's mission is to help broadband and fiber providers optimize their networks by understanding their goals and providing solutions focused on their needs. We accomplish this through the dedication and experience of our engineering and operations team and our strategic industry partnerships. Whether you choose Green Market hardware, new product technologies, or our suite of available services

## **ROGERS MOBILITY PAVILION MR** **M66**

The Rogers Mobility Pavilion will host a Q&A area with Rogers SMEs speaking in the Fall Technical Forum sessions and demos from Rogers and their partners on the latest innovative mobility solutions. View demos of an AR Based Fan Experience, Mixed Reality Human Teleoperations, and Private Networks in Mining. Demos will provide examples of 5G, MEC, IOT and more.

## **ROHDE & SCHWARZ USA, INC.** **#1728**

## **SAGEMCOM USA, LLC** **#339**

Who is Sagemcom? All over the world, thanks to the innovative solutions designed and manufactured by our teams, Sagemcom offers access to broadband Internet, entertainment and managed energy to the largest number of people, through 3 business units. As a WW tech leader, we develop and manufacture customized products and solutions incorporating the latest technological breakthroughs.

# Exhibit Directory

## SAM COMPANIES #2000

With offices across the United States, SAM can handle the country's largest telecommunications infrastructure projects, deploy quickly, and scale up to deliver projects on aggressive schedules. Our telecommunications teams work in concert with your staff as you build your fiber and wireless infrastructure.

## SAMSUNG ELECTRONICS AMERICA, INC. M44

## SANDVINE, INC. M47

Sandvine is a market leader in real-time Application and Network Intelligence, empowering service provider and enterprise customers to deliver exceptional application quality-of-experience by visualizing app performance at millisecond granularity.

## SCHNEIDER ELECTRIC #956

## SCTE/KYRIO M56

Connect and collaborate with sales and executives from SCTE<sup>®</sup> and Kyrio<sup>®</sup>. Learn more about SCTE services: customized corporate training programs, leadership institutes for executives, and the Emmy award-winning Standards organization. Explore a range of solutions from Kyrio's cutting-edge testing, certification, security services, and software to help create reliable and secure networks. [scte.org](https://scte.org) / [kyrio.com](https://kyrio.com)

## SEGRA+UPN M9

Segra+Unite Private Networks (UPN) own and operate a dense fiber-optic network that provides state-of-the-art connectivity, cybersecurity, cloud and collaboration solutions, all backed by industry leading service and reliability. We have over 40,000 fiber route miles in nearly 30 states and operated for over 150 years. Segra+UPN is a standalone company owned by Cox Communications. [segra.com](https://segra.com)

## SENCORE #816

Sencore, the gateway to better video delivery, is a rapidly growing technology company that provides a broad range of innovative products and services enabling efficient, high-quality video delivery. Sencore continues to meet the needs of modern media with a cutting-edge product portfolio, backed by best-in-industry support. Sencore works in close collaboration with customers to provide solutions

## SERCOMM TECHNOLOGY, INC. #2101, E4, M1

As a global industry leader, Sercomm is committed to the development of broadband solutions with fully integrated engineering capabilities, state-of-the-art manufacturing facilities, and customer-focused product strategies. Sercomm will showcase the future of Intelligent Home Devices (IHD) using a variety of access technologies including 5G, STBs, 10G xPON, and DOCSIS 3.1.

## SESAME SOLAR #1023

## SHAOXING ZKTEL EQUIPMENT CO., LTD. #810

## SHENZHEN FOCUSCOM TECHNOLOGIES CO., LTD. #410

Focuscom was found in 2014, we are the self designer (software & hardware) and producer for OLT (EPON/GPON/XGSPON), ONU (WiFi 5/6), Ethernet Switch, etc. Not only we produce equipment, we are also aiming to be the lead of offering end-to-end network solution expert. On this stage, we have full range of telecom products which can fulfill the needs from our clients.

## SHENZHEN JUSTEK TECHNOLOGY CO., LTD. #330

DVB/OTT/IPTV total solution provider.

## SHENZHEN KEJIAN CABLE NETWORK NEW TECHNOLOGY CO., LTD. #601

## SHENZHEN LONTE TECHNOLOGY CO., LTD. #510

# Exhibit Directory

## SHINEWAYTECH #1832

ShinewayTech provides a total solution for fiber testing, including intelligent optical loss testers/power meters/laser sources, PON testers, CWDM channel checkers, optical multimeter, multifunctional test platform, optical fusion splicers and most recently, multi-wave OTDR combined DWDM/CWDM/PON testing capabilities in one unit.

## SHYFT GLOBAL SERVICES #809

Shyft Global Services, a division of TD SYNEX, is a leading technology lifecycle service provider powered by a robust global logistics network, team of outsourcing experts, decades of experience and end-to-end product and customer lifecycle services that enable technology companies to reinvest in growth, transformation and innovation. Learn more at [shyftservices.com](https://shyftservices.com).

## SKYWORTH #1168

Shenzhen Skyworth Digital Technology Co., Ltd. is the world's leading provider for connected home products and solutions by providing innovations in networking, digitalization, and solutions for the connected home. We invests heavily on technology research and development and has a strong focus on innovation. Today we are making ongoing investments in 5G, VR and smart home technologies.

## SOUTHWIRE #701

## SPHAERA, INC. #813

Full Lifecycle IT Infrastructure Management for Telecoms, Data Centers & Enterprises. We offer the expertise, experience and cost model to engineer, maintain, and decommission your infrastructure.

## SPIRENT COMMUNICATIONS, INC. #842

Spirent is the leading provider of verification, assessment, analytics and device solutions. We enable those who deliver networks, connected devices and communication services to provide a superior user experience. From service provider networks and enterprise datacenters to mobile communications and connected vehicles, we help global industry leaders communicate faster, better and more securely.

## SPRINGBOK INSTRUMENTS #1634

## SQUAN M3

## SRI INTEGRATION SERVICES #934

## STAKE CENTER LOCATING #1902

Utility Locating is our specialty and our passion at a time when damage prevention is critical, and accuracy is at a premium. By doing what we do well, we've grown to offer complete coverage across all 48 contiguous United States.

## STICKLERS FIBER OPTIC CLEANERS #1733

Sticklers™ offers a full line of professional fiber optic cleaning products engineered for removing contaminants and eliminating Electrostatic Charges (ESD). Use Sticklers™ fluids and tools for fast, reliable fiber optic cleaning. Coming soon is the new Sticklers Pro360™ Touchless Cleaning Tool that uses a fluid/air mixture to clean end faces with the touch of a button.

## STRATEGIC TELECOM SUPPLY & SOLUTIONS #1804

We specialize in telecom/CATV equipment. Asset Recovery—Complete Turnkey Solutions for Removals—Lot Purchasing and Consignment Options—RMA Managed Services—E-Waste Solutions—Telecom & Data Center Relocation. STSS has created a group of strategic partners that can assist with your Telecommunications, Datacenter transportation, OSP material and CATV relocation and warehousing needs.

## SUMITOMO ELECTRIC LIGHTWAVE #1723

SEL is a recognized leader in designing, developing, and manufacturing innovative end-to-end solutions for data center, enterprise, and communication networks. These technologically advanced solutions simplify network complexity while improving performance, cost savings, and network efficiency.

## SUNRISE TELECOM #838

## SUPER MICRO COMPUTERS, INC. #814



# Exhibit Directory

## SUPPLY SOLUTIONS, LLC

#1829

We are a wholesale distributor of broadband telecommunications products, stocking fiber optic cable, tools, test equipment and related hardware as well as traditional CATV products needed to construct and maintain your networks.

## SYNAMEDIA

#1813

Synamedia is trusted by global service providers and content owners to deliver, enrich, and protect video. The flexibility and agility of our cloud and SaaS products enable customers of all types and sizes to launch, monetize, and scale services at speed.

## T.I.S.A.

#1173

## TAIWAN CABLE CONNECTION CORP.

#723

TCC is one of major suppliers for all CATV operators in the world. Our products are Drop Amplifiers, Attenuators, Splitters, Multi-Taps, Filters, Galvanic Isolators, Equalizers for indoor and outdoor use. All TCC products are assembled in our world-class production facility with ISO 9001:2015 certification in Taipei and many using unique patented technology.

## TAK COMMUNICATIONS

#1167

TAK Communications is one of the largest and fastest growing communications, broadband and technology service companies in America! TAK provides a full value chain of services for telecommunications deployment across the United States. Our commitment to uncompromised Quality and Safety ensures we can execute on our mission to 'Be Our Customer's Hero, Every Day!'

## TAKFLY COMMUNICATIONS CO., LTD.

#609

## TARANA

#408

## TECHNETIX

#1231, M15

Technetix (& Lindsay Broadband division) provides breakthrough solutions for your broadband network evolution. We listen to our customers & deliver innovative, technologically advanced solutions that enable flexible, powerful networks, increase revenue/market share & enable a better overall experience. We offer solutions for broadband cable networks, powering, fiber optics & wireless networks.

## TECHNITY SOLUTIONS

#1069

Technity Solutions, not just provide OEM/ODM service, we bring to market products that innovate and optimize communication networks through solutions ranging from active/passive communication components, included completed OSP (outside plant), MDU solutions.

## TEJAS NETWORKS

#1639

## TELECOM INFRA PROJECT

P12

## TELESOFT TECHNOLOGIES

#2228

Telesoft Technologies are a UK-based engineering company that provides bespoke, high-rate network monitoring and test tool solutions to major Telcos & ISPs across the globe. Our latest offering, the Triton DOCSIS Test Tool, has been specifically designed to test and validate vCCAP/vCMTS infrastructure at production rates of up to 200Gbps.

## TELESTE INTERCEPT, LLC

#1601

Teleste Intercept is a Teleste and Antronix technology partnership based in North America. With decades of experience, we can help you realize cable industry's 10G vision. Enabling faster speeds, more reliable connections and a superior user experience, our technologies offer innovative and viable options for future oriented cable MSOs.

# Exhibit Directory

## TELESTREAM #602

Telestream® specializes in products that make it possible to get video content to any audience regardless of how it is created, distributed or viewed. Throughout the entire digital media lifecycle, from capture to viewing, for consumers through high-end professionals, Telestream products range from desktop components and cross-platform applications to fully-automated, enterprise-class digital media transcoding and workflow systems.

## TELEVES USA, LLC #1745

## TELISPIRE/NRTC MOBILE #1632

## TEMPO COMMUNICATIONS, INC. #1001

Tempo Communications, Inc. offers a complete line of reliable, industry-leading test and measurement solutions to address all stages of network deployment including the technician trusted CableScout TV220 TDR. Tempo's solutions enable the development, installation, and maintenance of xDSL, Fiber, Cable, Ethernet, Wireless and Irrigation networks.

## THOMASON BROADBAND SUPPLY #1630

## THREE ANGELS BROADCASTING NETWORK #310

Three Angels Broadcasting Network (3ABN) is a 24-hour Christian television and radio network, consisting of nine television networks and five radio channels in English, Spanish, Portuguese, Russian, and French. Known as the "Mending Broken People Network," we produce faith and lifestyle programming that reaches people where they hurt, offering real answers from God's Word.

## TII TECHNOLOGIES, INC. #1801

For 60 years Tii Technologies, Inc. has been a frontrunner in developing and delivering innovative fiber and copper solutions to meet the rapidly changing landscape of the telecommunication industry. Our innovative designs have been credited with supporting and enhancing network needs which increase reliability while reducing overall network cost.

## TINIFIBER #1905

## TONER CABLE EQUIPMENT, INC. #1633

Toner Cable is the largest single source supplier for television distribution and solutions. We offer a complete plethora of products from the Roof to the Headend to the TV. Toner Cable Equipment has been in the industry for over 50 years. Our sales team is well trained on providing you a full solution, with products that will fit your budget. With over 2000 products in stock.

## TRIVENI DIGITAL #908

## TRUNET COMMUNICATIONS #2219

## UBEE INTERACTIVE, INC. M60

Ubee provides residential and commercial wired and wireless solutions to service providers worldwide. They develop and deliver innovative products to leading cable and telecommunications operators through its strengths in R&D, design, manufacturing, and engineering. Ubee has shipped more than 53M data, voice, video, and wireless devices, and has offices in Europe, Asia, and the Americas (USA).

## UCL SWIFT NORTH AMERICA #1823

## UNITEK GLOBAL SERVICES #608

## UNIVERSAL ELECTRONICS, INC. #630

## USABAND #705

## USIC #850

Performing over 80 million locates annually, USIC is the most trusted name in underground utility damage prevention. USIC provides a full suite of utility services throughout the United States and Canada. Our mission is to deliver quality, safe, efficient, and innovative solutions to protect our partners' infrastructure and critical assets.

## VANTAGE POINT SOLUTIONS #1914

## VANTIVA #2115

VANTIVA, formerly known as Technicolor, is headquartered in Paris, France. It is an independent company which is a global technology leader in designing, developing, and supplying innovative products and solutions that connect consumers around the world to the content and services they love—whether at home, at work or in other smart spaces.

# Exhibit Directory

## VECIMA NETWORKS #1331

Vecima is leading the global evolution to the multi-gigabit, content-rich networks of the future. We deliver future-ready software, services, and integrated platforms that power broadband and video streaming networks and transform experiences in homes, businesses, and everywhere people connect. Our cloud-based solutions deliver ground-breaking speed and superior video quality.

## VEEA, INC. M13

Veea's Edge Platform combines multiple capabilities into a cloud-managed smart hub, enabling new technologies at a reduced cost of ownership.

## VEEX, INC. #965

## VELOCIX M5

## VERICOM GLOBAL SOLUTIONS #756

Based in Knoxville, TN, Vericom is a leading provider of network infrastructure and connectivity solutions. Serving enterprise, government, and operator markets in over 30 countries, our emphasis is on quality, reliability, and innovation. With a reputation for industry compliance and offering customizable delivery options, we're the go-to partner for tailored infrastructure solutions.

## VERSALIFT #2109

Versalift is a leading manufacturer of bucket trucks, digger derricks and cable placers. Customers in the electric utility, telecommunications, forestry and sign, light & traffic industries experience a lower true cost of ownership by choosing Versalift. Made with lighter-weight high tensile steel, which provides advantages like less unscheduled maintenance and greater payloads.

## VIAFLEX #839

## VIAVI SOLUTIONS, INC. #1509, P8

VIAVI Solutions has a 100-year history of making the complex simple by building intelligence (and our experience) into our products. Our innovative testing solutions and technologies empower our customers worldwide to efficiently manage the construction, installation, and maintenance of complex fiber networks.

## VISTRUE #769

## VOLTAIRE SYSTEMS #1900

## VPG FOIL RESISTORS #1730

## WESCO/TVC COMMUNICATIONS #1522

Wesco is a key strategic partner to the world's communications and technology companies offering a comprehensive range of supply chain solutions to build, optimize and maintain future-ready networks.

## WILLIAMS COMMUNICATIONS, INC. #938

Williams Communications is a full service consulting firm, specializing in OSP Design, Permitting, and Construction Management.

## WIREWERKS #1547

Delivering advanced fiber and copper connectivity across Broadband, Enterprise, and Data Center networks. We collaborate to transform award-winning innovations into scalable solutions, enabling agile network expansion.

## WISI #1737

WISI provides carrier-grade video delivery solutions with a world-class user experience. Founded in 1926, WISI has been consistently innovating video reception and distribution technology for nearly 100 years. With customers in more than 150 countries, WISI helps video distributors minimize operating costs while maximizing the scale and efficiency at every point in their network.

## WISTRON NEWB CORPORATION M40

## WITBE #916

Witbe makes hardware and software applications for video service providers that test the quality of experience their viewers receive. Their revolutionary automated testing and proactive monitoring technology helps cable providers around the world save money and work more efficiently. Visit Witbe online at [www.witbe.net](http://www.witbe.net) and on the SCTE Cable-Tec Expo 2023 show floor at Booth 916.

# Exhibit Directory

## WORLD WIDE TECHNOLOGY

M7

Founded in 1990, World Wide Technology (WWT), a global technology solutions provider with \$17 billion in annual revenue, combines the power of strategy, execution and partnership to accelerate digital transformational outcomes for large public and private organizations around the world.

## WORLDWIDE SUPPLY, LLC

#912

## WUHAN ETERN OPTOELECTRONICS GROUP CO., LTD.

#702

## XKL

#550

XKL is founded and operated by Len Bosack, the co-founder of Cisco Systems. We are the optical network transport experts. Our clients' success is our top priority, and we focus on service just as much as we do on designing cutting-edge DWDM hardware and software... Book a free consultation with our Systems Architects and get an XKL hammock!

## XUMO

M2

## YANGTZE OPTICAL FIBRE AND CABLE JOINT STOCK LIMITED COMPANY

#2129

Yangtze Optical Fibre and Cable Joint Stock Limited Company (also known as "YOFC") established in Wuhan, Hubei Province in May 1988, is a technologically innovative enterprise specializing in optical fibre preforms, optical fibres, optical fibre cables and integrated solutions, and also a global leading supplier in these areas.

## YINGJIAO ELECTRICAL

#833

Power Supplies: Power Adapters, Battery Chargers, LED Drivers, DIN Rail Power Supplies, Industrial Power Supplies. Custom, Private Label, OEM, Factory Direct.

## ZCORUM

#1535

ZCorum offers managed services and diagnostics for cable and fiber providers, including: Real-time and historical diagnostics for CMTS, OLTs, cable modems and ONTs; DOCSIS PNM; remote downstream and upstream spectrum tools; hosted provisioning of DOCSIS and fiber CPE; managed cybersecurity; broadband usage

management, cloud-based residential and commercial VoIP, and 24 x 7 end-user tech support.

## ZHEJIANG CHANGXUN TECHNOLOGY CO., LTD.

#1840

Zhejiang Tranmile Technologies Co., Ltd. is a global provider of communication infrastructure and equipment, also an international trade company who has dedicated itself to providing ODN product solutions and services. Tranmile was founded in 2022, and located in Hangzhou city, Zhejiang province.

## ZHEJIANG GRANDWAY TELECOMMUNICATION TECHNOLOGY CO., LTD.

#1909

Established in 1994, Grandway Telecom specializes in the development and manufacture of optical fiber testing equipment and passive products for FTTH network. With almost 30 years of experience in telecommunications, Grandway Telecom can offer all kinds of custom-made and professional testing & product solutions for FTTH network construction, installation and maintenance.

## ZHEJIANG GUANGDA TECHNOLOGY

#1741

Zhejiang Guangda Pute, a high-tech enterprise focused on R&D and a manufacturer of various types of wire, coaxial cable, network cable and optical fiber cable. Established in 2006 and became one of most promising private companies in the communication field. With all certificates of ISO 9001, ETL, UL, CE, ROHS, REACH, Guangda had been one of the largest coaxial cable exporter to USA.

## ZHEJIANG WANMA TIANYI COMMUNICATION WIRE & CABLE CO., LTD.

#1845

Wanma's business covering electric cable/new materials/new energy/communication electronics and great health industry, real estate, supply chain finance and international trade. The group has two listed enterprises wanma co. stock 002276/wanma technology stock 300698 and more than 6,000 employees.

## ZHEJIANG YINGFENG OPTICAL COMMUNICATION TECHNOLOGY CO., LTD.

#713





# ATTENTION CABLELABS<sup>®</sup> MEMBERS

## Did You Know That You May Have Access to Education and Programs to Enhance Your Career?

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# Media

## Media and Analyst Service Center

### Shaping the Future of Connectivity.

SCTE®'s Cable-Tec Expo®—the largest cable telecommunications and technology tradeshow in the Americas—hosts thousands of attendees. Only at Expo will you find yourself at the nexus of content and service providers, technology partners, industry experts, and technology innovators.

### Media and Analyst Registration

SCTE® provides media badges to qualified members of the working media and analyst community whose attendance is likely to result in coverage in print or online media, or whose presence provides significant value to the industry. We may request verification and/or credentials prior to approving your media or analyst registration. Exhibitors may not register as media. To register for media or analyst access, please send an email request with your full contact information to [press@scte.org](mailto:press@scte.org).

## Media and Analyst List

To request a list of registered press and analysts attending SCTE Cable-Tec Expo, please contact [press@scte.org](mailto:press@scte.org).

## Media Center

SCTE Cable-Tec Expo will host a media center with an Expo-branded news desk on the exhibit floor with a private media room available for media interviews.

There will also be a working media room, not on the show floor, accessible during the official days of the SCTE Cable-Tec Expo. If you are registered media, you will receive information on the location of this working media room closer to the show dates.

If you are interested in scheduling time in the private media room, please contact [press@scte.org](mailto:press@scte.org) for more information.

## Media and Analyst Related Questions

Contact our communications team at [press@scte.org](mailto:press@scte.org).

## This Year's Media Partners and Supporting Industry Organizations



# General Information

## Official Registration Badges

Your badge is your ticket to admission. Please make sure that it is visible at all times on the exhibit floor, in workshops and at official SCTE® Cable-Tec Expo® events. Registration is located in A Lobby of the Colorado Convention Center.

REGISTRATION	SUN. OCT. 15	MON. OCT. 16	TUE. OCT. 17	WED. OCT. 18	THU. OCT. 19
Exhibitor	12:00 PM–6:00 PM	7:00 AM–6:00 PM	7:30 AM–6:00 PM	7:00 AM–6:00 PM	7:30 AM–12:00 PM
Attendee	12:00 PM–6:00 PM	7:00 AM–6:00 PM	7:30 AM–6:00 PM	7:00 AM–6:00 PM	7:30 AM–12:00 PM

## Charging Stations

**Charging stations are available in the following locations:**

General Concourse of the Meeting Room Space  
PROVIDED BY SCTE

Hallway near the 100s Meeting Rooms  
SPONSORED BY:



Hallway near the 200s Meeting Rooms



SPONSORED BY:

In the exhibit hall, visit our Business Networking  
& Media Hub

## Coat and Luggage Check

You may check your coats and luggage near  
Registration at the Colorado Convention Center during  
the following time:

**Thursday, October 19 • 7:30 AM–1:30 PM**

## Ham Radio Frequency

The official SCTE Cable-Tec Expo ham radio  
communications frequency is 146.58 MHz simplex.

## Important Phone Numbers

Registration: 303.228.8304

Housing: 303.228.8305

Show Mgmt Office (Room 302): 303.228.8306

General Information: 303.228.8307

## Lost and Found

Lost items can be claimed at the information Desk at  
Registration.

## Plan Your Visit

For general information, local maps, restaurant  
recommendations, destinations and more, please visit  
[expo.scte.org/plan-your-trip](https://expo.scte.org/plan-your-trip).

## Complimentary WiFi Access

**Network name: Complimentary Wi-Fi**

To access the complimentary Wi-Fi you will need to  
create an account.

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### TECHNOLOGY MEMBERS 2023





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