

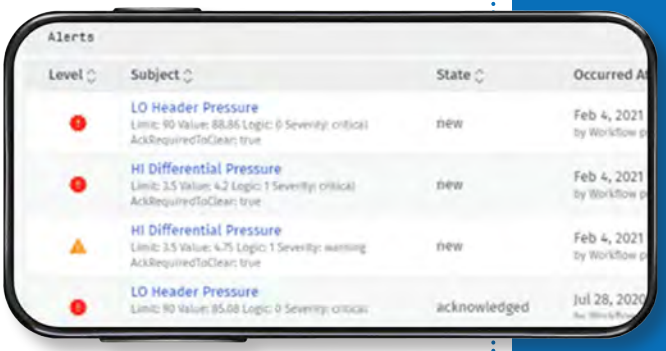
IAC

IAC SMART PLANT
Remote Monitoring System

Keep Your Facility Operating at Peak Performance

Reduce Emissions, Exposure, and Expenses with Increased Analytics and Automatic Alerts

IAC's Smart Plant Remote Monitoring Technology supports preventative and predictive maintenance in your facility with the Smart Plant Timer and Smart Plant Gateway. The turnkey, cloud-based industrial IoT system allows personnel to remotely monitor equipment operation from anywhere around the globe via any smart phone, computer, or tablet.



Installation of any Smart Plant device, on new or existing equipment, is fast and straightforward. Devices automatically connect to the strongest cellular signal and require no plant network connection. Fully encrypted data immediately begins transmitting to the cloud for consistent monitoring, comparison, and data storage. The flexibility of the IAC Smart Plant Timer and IAC Gateway decreases manual record keeping, emissions, employee exposure, and expenses.

Let IAC Focus on Your Baghouse While You Focus on Your Production Process

- Receive e-mail and text alerts for actionable planning
- Predict upset conditions in a timely manner
- Assure optimized equipment and process performance
- Intuitive, easy-access dashboard for real time operations insight
- Review historical trends and alarms for preventative maintenance
- Receive periodic detailed reports
- Integrate seamlessly and independently from plant network
- Reduce travel expenses



IAC Smart Plant Timer with Integrated Gateway

The Smart Plant Timer has an integrated gateway module, eliminating the purchase of two separate products. The Smart Plant Timer helps save money, eliminate emissions, exposure, and downtime.

Increased automatic alerts and analytics help establish equipment life and preventative and predictive maintenance schedules to eliminate downtime.

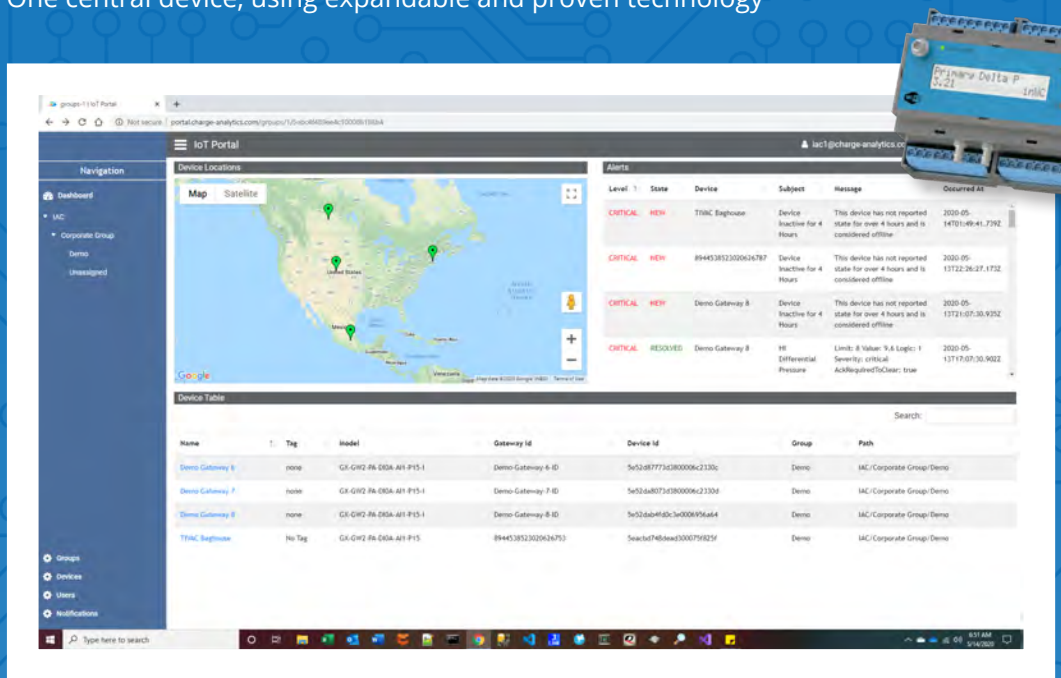
Dust Collector Diagnostics

- Failed diaphragm valve alerts to minimize compressed air costs
- Energy savings from compressed air
- Specific failed bag and solenoid by row alerts (additional sensors may be required)
- Pulse counter metrics
- Continuous data logging and downloadable reports
- Turnkey, compact, simple installation



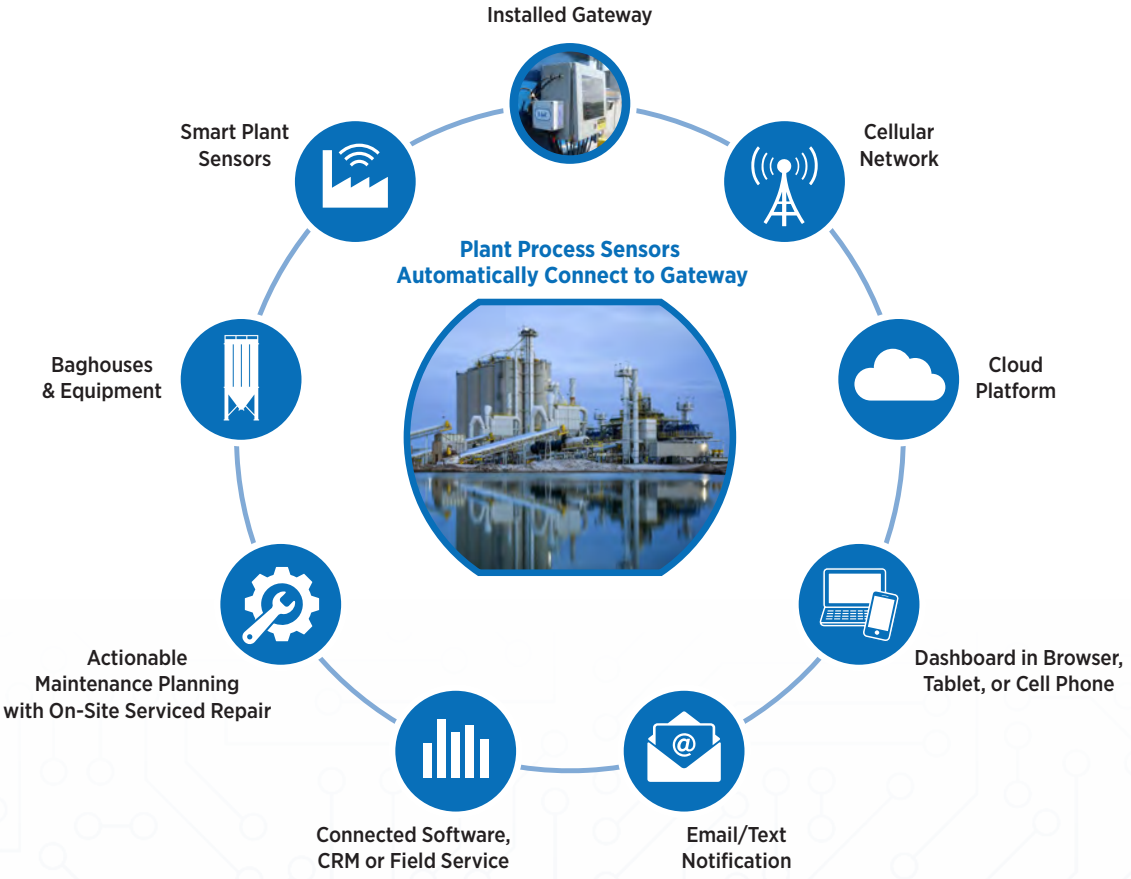
IAC Smart Plant Gateway

- Allows for monitoring and customization of 3 to 12 analog or digital inputs
- Can be used on any equipment or process that could benefit from continuous monitoring and alerts
- Minimize man hours and manual data recording by employees
- Supports health and safety of environmental managers by having continuous data available 24/7 to reduce emissions and employee exposure
- One central device, using expandable and proven technology



IAC Smart Plant

Cloud-based Turnkey Remote Monitoring IoT Platform



"We had a facility where the gauge was not accurate, but we were manually recording the reading on the gauge. IAC caught that the reading was high and critical, so we were able to schedule for an outage to reduce the emissions and prevent equipment failure."

-Environmental Manager

Industrial Accessories Company
4800 Lamar Avenue | Mission, KS 66202

USA & Canada: 800-334-7431 | **Main Office:** 913-384-5511 | **Email:** iaccorp@iac-intl.com | **Web:** www.iac-intl.com

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