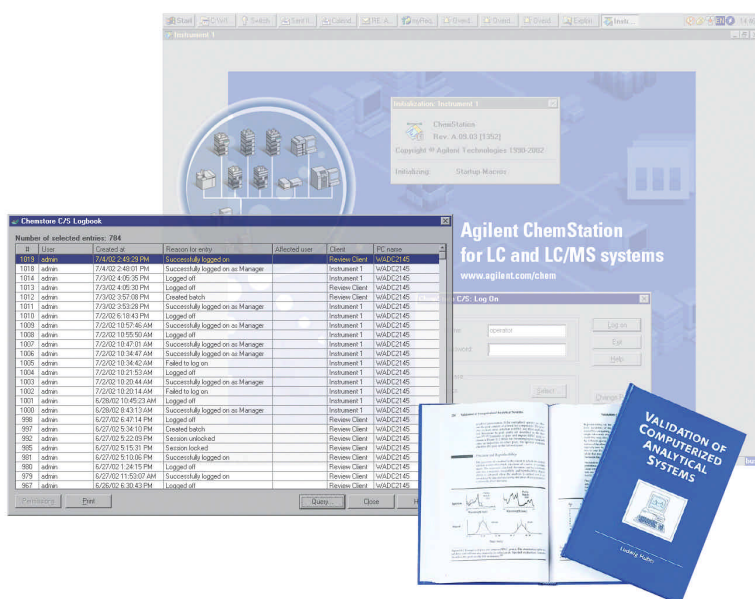# RunTime Chemical C/S Bundle
## Chromatographic Data Base Solution for Small Labs

## Technical Note

Network Data Systems

Author: Werner Hepp



## Introductions

Agilent RunTime Chemical is a Run-Time version of the popular Chem-Station Plus Client/Server system. It is designed and optimized for small laboratories with up to 8 ChemStations which need to have centralized data storage, data backup, database functionality but do not have the resources to manage a Client/Server system. In a Client/Server network configuration, the Agilent RunTime Chemical system can be used as a central place for data storage of all analytical data including methods, sequences and raw data. This data storage solution satisfies the requirements for data handling, documentation and revision tracking of all changes within a sample analysis.

## Product Description

RunTime Chemical is based on the scalable ChemStore C/S chromatographic database for Agilent ChemStations. It provides a means to easily organize, review and approve analytical data based on samples and sample information. RunTimeChemical supports the user's data review process offering statistics, result summaries, flexible control charts, cross-sample reports and documented data archiving and restoring. These services also aid users in doing on-going system suitability testing. If there is a full 21CFR part11 requirement within pharma related chemical industries Agilent can provide this as a full compliant solution, the Agilent RunTime Pharma Bundle.

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## Description and Functionality

Agilent RunTimeChemical C/S is a RunTime version of the successful ChemStationPlus client/server system. It is designed for typical small laboratories with up to 8 Agilent ChemStations. In a client/server network configuration, the Agilent RunTimeChemical system can be used as a central place for data storage of all analytical data including methods, sequences and the raw data. This simplifies the audit procedure and completely satisfies the requirements for data handling in a non-regulated environment including revision tracking of all changes within a sample analysis and described in the following bullets:

*   Login and Password Protection

*   Password Policies

*   Application Based Timeout and Lock

*   AuditTrail and Revision Tracking on all Raw and Meta Data

*   Complete Instrument Log-books

*   Data, Method, Sequence Versioning

*   User Based Administration and Policies

*   Data Integrity

*   Upgradeable to Full Version ChemStationPlus System

*   Built in Control Charting and Reporting

*   Built in Archive Functions

## The Agilent RunTimeChemical C/S Bundle contains the following:

Dual, 2.8GHz Intel Xeon processor, tower, 1 GB RAM, 4 x 18 GB Hot Plug gable Disks, 6 PCI-X slots, Business S7500 17inch Monitor, DAT Tape Drive (DLT Tape Drive only with Backup Option), integrated 10/100 Ethernet, 3 year limited warranty, including pre-failure warranty, Windows 2000 Server w/5 client license.

Agilent reserves the right to replace the server with equivalent or higher configuration.
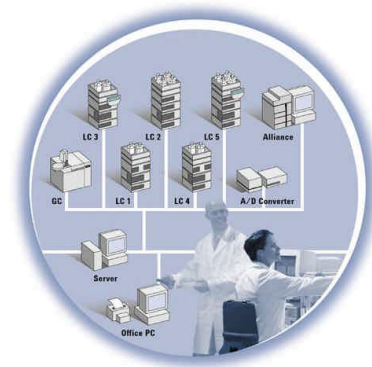
*   ChemStation Upgrade Software A.09.01 or higher

*   ChemStore ORACLE Server Software License

*   4 ChemStore Client Software Run Time Licenses

*   Installation of Server and up to 4 ChemStations

*   Onsite Admin Training (2 Users)

*   Onsite User Training (4 Users

*   Network HUB and 5 LAN Cables, 10m each

## Optional:

*   4 additional clients on the same order

*   Integration into corporate network

*   Return credit for existing ChemStation Plus workstations

*   Backup & Recover includes DLT Tape instead of DAT Tape and Veritas Backup Exec Server Edition for NT/2000s

## Assumptions and Exceptions

*   System is installed as standalone LAN (no corporate connections, Novell, etc.) Option for corporate connection available

*   All Instruments need to be located close enough to install with the delivered cables

*   ChemStations using revision A.09.03 or later

*   Backup familiarization is for Cold Backup Strategy

*   Install and training will take place during the same visit

*   Hardware warranty is from Hardware vendor (not Agilent)

## Client Chemstation Specifications must meet the following Requirements

*   ChemStationPlus Client Ram: 128+ Megabyte for 1 instrument 196+ Megabyte for 2 instruments ; 256+ Megabyte for 3 instruments

*   Minimum 450MHz Pentium III CPU

*   Minimum 1024 x 768 dis-play resolution

*   Minimum 4 Gigabyte hard diskspace

*   Network Interface Card RJ 45

*   MS Windows NT 4.0 Workstation or Windows2000

*   Service Pack 6a (NT) Service Pack 2 (Win2K)

*   MS Internet Explorer 5.5

*   All disk volumes use NTFS

*   Time zone, time and date are set correctly

*   Disk defragmentation software installed on PC.

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## Ordering Process

The RunTime Solution is composed of Agilent parts and third party. This type of non-standard solution is best combined into a "Proposal" which sets out Agilent and customer responsibilities and expectations . Therefore, the following order process should be followed:

1. Fill in the Sales Rep (FE) name and Customer name and address in the FAX sheet on the last page of this document.
2. Indicate which Options are required. This is necessary in order to make sure that the "Proposal" generated is accurate and reflects the customers requirements.
3. Fax the completed form to E-PSO Waldbronn.

E-PSO will then send a "customised Proposal" which you should share with the customer. The proposal describes what the solution is and the responsibilities of the customer and Agilent.

## Acknowledgements:

Hans-Peter Bluhm
(PSO Manager Europe)
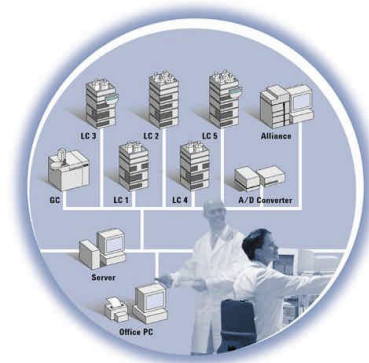Werner Hepp
(NDS Specialist)

## Further information

As one of the leaders in Network Data System Solutions for the analytical laboratory, please check out our web site at

**http://www.agilent.com/chem**

*For details about this service contact:*
*Birgit Kreid*
*Hewlett-Packard Str. 8*
*76337 Waldbronn*
*Germany*
*+49 (0) 7243 602 275*

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# Request for Proposal – Form sheet on last page

FAX to:     Contact:     Birgit Kreid / Elsa Schäfer

            Address:     Agilent Technologies Deutschland GmbH
                         European Project Services Organisation (E-PSO)
                         Hewlett-Packard Str. 8
                         76337 Waldbronn, Germany

    Email:       pso_europe@agilent.com   ☎ +49 (0) 7243 / 602-275
    Fax          +49 (0)7243 / 602-155

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# RunTime Chemical C/S Bundle

## Chromatographic Data Base Solution for Small Labs

FAX or Email

To: Birgit Kreid / Elsa Schäfer
Email: pso_europe@agilent.com
Fax Number: +49 (0)7243 / 602-155

**Please prepare a Proposal for the following Customer**

Customer Contact: ……………………………………… Phone: …………………………

Customer Address: …………………………………….
…………………………………….
…………………………………….
E-Mail Address: …………………………………….

Agilent Representative Name / E-Mail: …………………………………………
………………………………………

| Description | Include in Proposal | Quantity |
|---|---|---|
| **RunTimeChemical Bundle** - Runtime version of ChemStationPlus C/S: Product includes; Server, 4 Clients license, Installation, OnSite Admin and User Training, 4 Lan Cables, 1 hub. (Existing ChemStations must meet client specs.) | ✓ | |
| **Option 301:** 4 additional clients | | |
| **Option 302:** Installation into existing Corporation LAN | | |
| **Option 303:** Backup & Recovery. Replaced DAT tape to DLT and includes Veritas SW | | |
| | | |
| **Option 307:** Return credit for One Client with ChemStation Plus workstations | | |
| **Option 308:** Return credit additional client | | |

**REQUESTOR / Technical O.K.:**  _____

Name, Phone, Date

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