

Agilent OpenLAB Chromatography Data System (CDS) for IT Managers

Data Sheet

OpenLAB CDS is one key component of the Agilent OpenLAB Laboratory Software Suite. The OpenLAB suite is designed to capture, analyze and easily share analytical information. OpenLAB uses industry proven best practices and software standards to create an architecture that is highly reliable and easily expandable. At the heart of OpenLAB is OpenLAB's Shared Services which delivers new infrastructure and services for:

- Common functions of Analytical Systems, Chromatographic Data Systems and Scientific Data Management Systems (SDMS)
- Scaling systems from single workstation to networked workstations or up to enterprise client/server systems
- Interconnecting software systems (Workstations, SDMS, LIMS, ELN)
- Laboratory instrument management

OpenLAB CDS is the next generation of ChemStation and EZChrom Elite. OpenLAB CDS is designed on the new OpenLAB Shared Services architecture to better fit into today's modern IT infrastructure. Utilizing the new OpenLAB Shared Services Control Panel it also makes it the easiest application to manage and support.

| Status | Name | Project | Location | Application | Type | Controller | Description | Last Configured B. | Reman. |
|--------|----------------------------|---------------|-----------------|-------------|-------------------|--------------|----------------------|--------------------|--------|
| | 7890 GC Virtual | Biodiesel | Delaware Site | EZChrom | Agilent 7890 GC | \Mwinxsp2\JW | Virtual 7890 utility | SYSTEM | |
| | Agilent 1290 DAD | Content Unifo | Germany Site | EZChrom | Agilent LC | \Mwinxsp2\JW | Infinity LC lab 23 | SYSTEM | |
| | Waters Alliance | Dissolution | California Site | EZChrom | Waters Alliance L | \Mwinxsp2\JW | Alliance for Disso | | |
| | Hitachi LaChrom Ultra | Peptide | Germany Site | EZChrom | Hitachi LaChromi | \Mwinxsp2\JW | Hitachi LC lab 23 | | |
| | Agilent 1100 VWD | Aspirin | Germany Site | EZChrom | Agilent LC | \Mwinxsp2\JW | Agilent 1100 VWD | | |
| | Agilent Compact LC | Aspirin | Germany Site | EZChrom | Agilent Compact | \Mwinxsp2\JW | Compact LC for # | | |
| | Perkin Elmer Autosystem XL | Default | Delaware Site | EZChrom | Perkin Elmer GC | \Mwinxsp2\JW | PE GC lab 23 | | |
| | Shimadzu GC-2010 | DHA Project | California Site | EZChrom | Agilent 6820 GC | \Mwinxsp2\JW | Shimadzu GC for | | |
| | Shimadzu Prominence LC | Peptide | California Site | EZChrom | Agilent Compact | \Mwinxsp2\JW | Prominence benc | | |
| | Jasco LC | Content Unifo | Germany Site | EZChrom | Jasco LC | \Mwinxsp2\JW | Purification LC lab | | |
| | Agilent 5890 | Default | Delaware Site | EZChrom | Agilent 6820 GC | \Mwinxsp2\JW | GC for Diesel | | |
| | Varian MicroGC | Default | California Site | EZChrom | Varian CP-4900 | \Mwinxsp2\JW | MicroGC | | |
| | Thermo TraceGC | DHA Project | Delaware Site | EZChrom | Agilent Compact | \Mwinxsp2\JW | Trace GC lab 211 | | |

Figure 1. With OpenLAB CDS, you can use the OpenLAB Shared Services Control Panel to give you an overview of your entire lab.

OpenLAB CDS benefits with OpenLAB Shared Services

To simplify operation the OpenLAB Shared Services Control Panel was designed for easy administration with the most intuitive interface. OpenLAB Shared Services is at the core of the architecture and designed for the future for laboratory software. OpenLAB Shared Services is the plumbing that connects different software applications and provides as a service the common operations needed to administer and scale a system.

Shared Services centrally manages the following:

- User authentication with users and groups
- Creating roles (set of permissions) and assigning users to those roles
- Instrument management
- Lab-at-a-glance view of lab
- Creating projects and project groups (OpenLAB CDS EZChrom Edition)
- Administration reports
- Diagnostics
- Email notification (OpenLAB CDS EZChrom Edition)

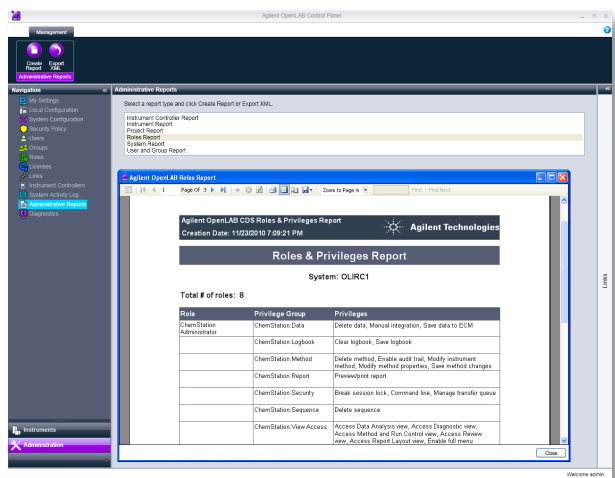


Figure 2. The OpenLAB Shared Services Control Panel. Easily generate administrative reports that show the overall system configuration and settings for each part of the system.

OpenLAB: New Modern Architecture

- Less upkeep: Central and easy administration
- Central unattended installation with new OpenLAB Shared Services architecture
- Thin client support for easy deployment and qualification
- Communications built on Microsoft® .net standards and Windows Communication Foundation (WCF) with TCP/IP as the protocol for easy port management
- New licensing using industry standard SubscribeNet (formerly called FlexNet®) technology with web-based license management
- Utilize virtual machines as components for easier administration, disaster recovery and much less power consumption
- OpenLAB Shared Services architecture and published API enable further extension with apps such as the iControl Panel or management with tools such as PowerShell

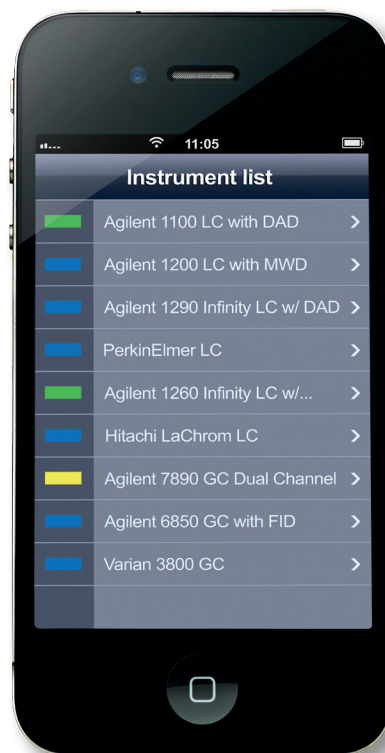


Figure 3. Untether from your lab by utilizing the OpenLAB CDS iControl Panel application to view your system status from anywhere – even from your smart phone.

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To learn more about OpenLAB CDS, visit us at www.agilent.com/chem/openlab