



KNAUER OpenLAB-Software – the next generation of HPLC software

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Webinar on October 23rd / 24th, 2012



Overview

- What is OpenLAB
- KNAUER and OpenLAB
- Short Introduction OpenLAB
- Conclusion



What is OpenLAB (1)

- OpenLAB is a laboratory software suite from Agilent, including:
 - OpenLAB Chromatography Data System (CDS)
 - OL Electronic Lab Notebook (ELN)
 - OL Scientific Data Management System (SDMS)



What is OpenLAB (2)

- OpenLAB CDS:
 - successor of EZChrom Elite and Chemstation



OpenLAB EZChrom Edition



OpenLAB Chemstation Edition



OpenLAB EZChrom Edition is the successor of KNAUER ChromGate CDS



What is OpenLAB (3)

- Fully scalable from a single workstation to a multi-site enterprise-wide connected data system
- New OpenLAB Shared Services Control Panel allows for intuitive system administration
- New Intelligent Reporter speeds up result review and approval with built-in custom calculations and automated limit checks – now report creation is a snap with new graphical "drag and drop" capability



KNAUER and OpenLAB (1)

- New KNAUER CDS (planned)
 - OpenLAB EZChrom Edition
- Release date (planned)
 - 3rd quarter 2013
- Supported additional KNAUER features
 - FRC Option, Runtime Settings
- Supported KNAUER devices (planned)
 - see list + all new devices



KNAUER and OpenLAB (2)

Pumps

PLATINblue Pump P-1

AZURA Pump P 2.1L

AZURA Pumps P 2.1S/P 4.1S

Smartline Pump 1050

Smartline Pump 100



KNAUER and OpenLAB (3)

Detectors

PLATINblue Detector MW-1

PLATINblue Detector PDA-1

AZURA Detector UVD 2.1L

AZURA Detector UVD 2.1S

Smartline UV Detector 2520

Smartline UV Detector 2550

Smartline UV Detector 2600



KNAUER and OpenLAB (4)

Detectors (2)

Smartline PDA Detector 2850

Smartline RI Detector 2300/2400

Smartline Conductivity Monitor 2900

Shimadzu fluorescence detector RF-20A

KNAUER A/D-converter: Interface Box IF2, Smartline Manager S 5000/5050

Virtual Detector



KNAUER and OpenLAB (5)

Autosamplers

PLATINblue Autosampler AS-1

Smartline Autosampler 3950

Autosampler KNAUER Optimas

Electrical Valve Drives

KNAUER valve drives

Valco valve drives



KNAUER and OpenLAB (6)

Fraction collectors

KNAUER MultiValve fraction collector

Valco MultiValve fraction collector

Smartline Fraction Collector 3050

Büchi Fraction Collector C-660

ISCO Fraction Collector Foxy R1

ISCO Fraction Collector Foxy R2



KNAUER and OpenLAB (7)

Fraction collectors (2)

Virtual Fraction Collector

Injection Module

Flowmeters

Bronkhorst Flowmeter

GJC Flowmeter

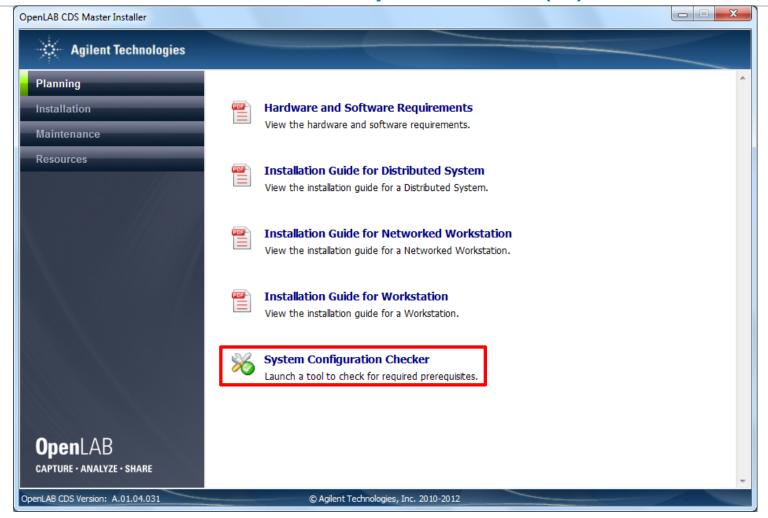


Short Introduction OpenLAB (1)

Installation

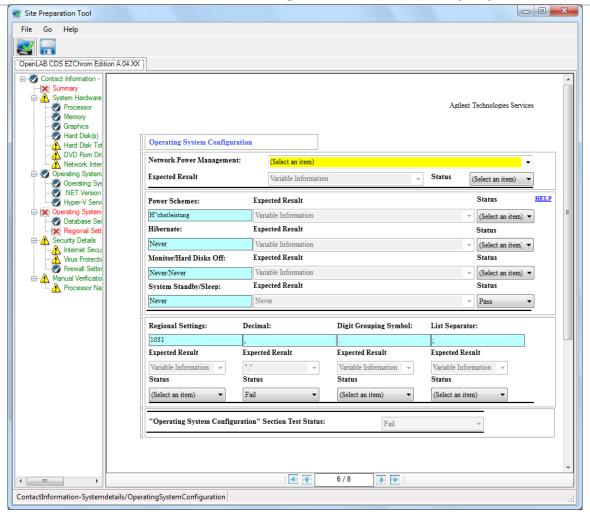


Short Introduction OpenLAB (2)





Short Introduction OpenLAB (3)



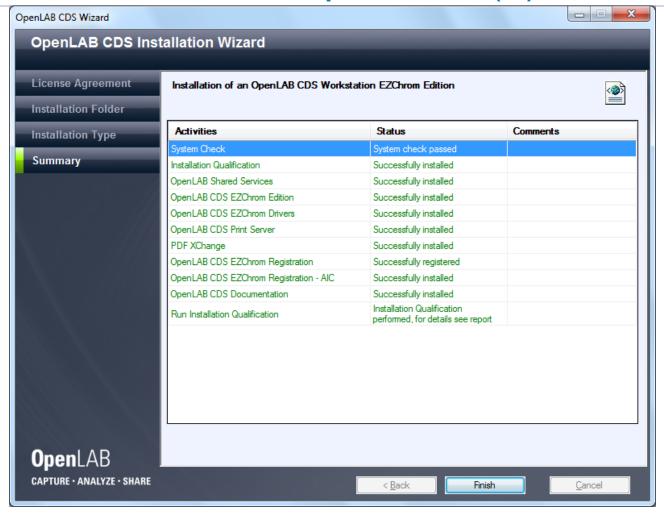


Short Introduction OpenLAB (4)



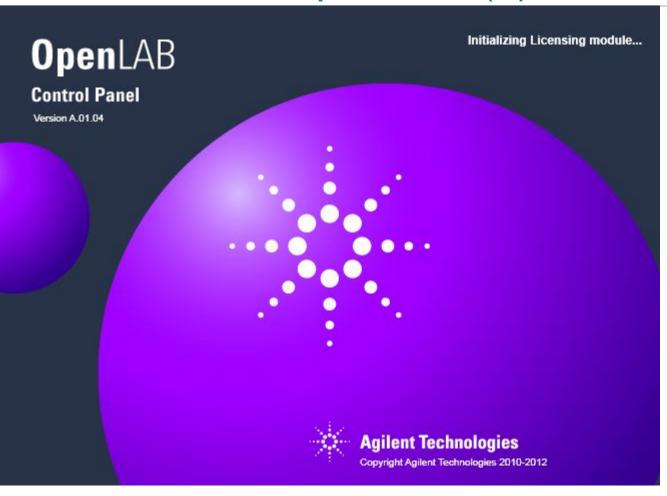


Short Introduction OpenLAB (5)





Short Introduction OpenLAB (6)



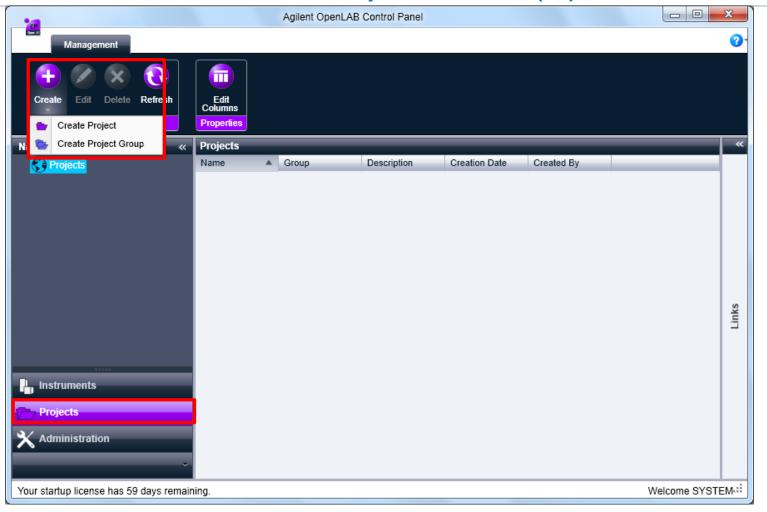


Short Introduction OpenLAB (7)

Control Panel

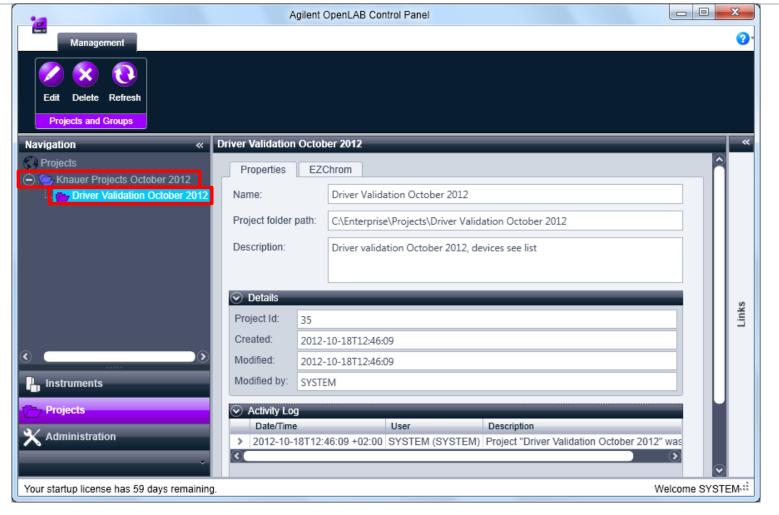


Short Introduction OpenLAB (8)



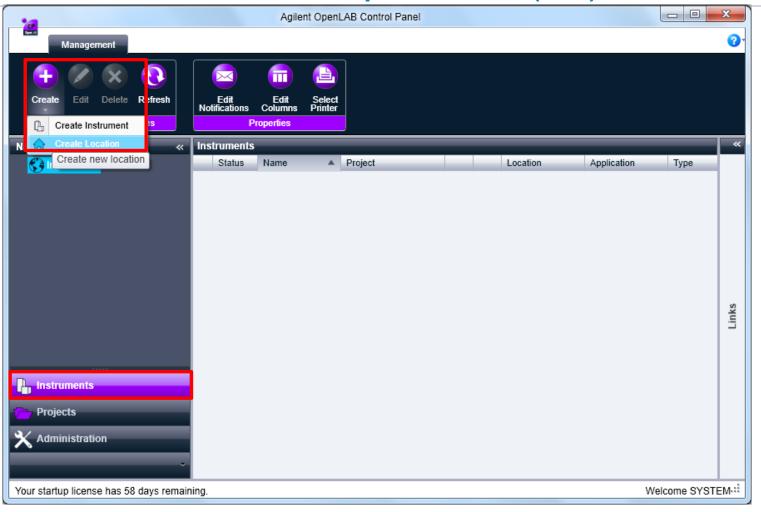


Short Introduction OpenLAB (9)



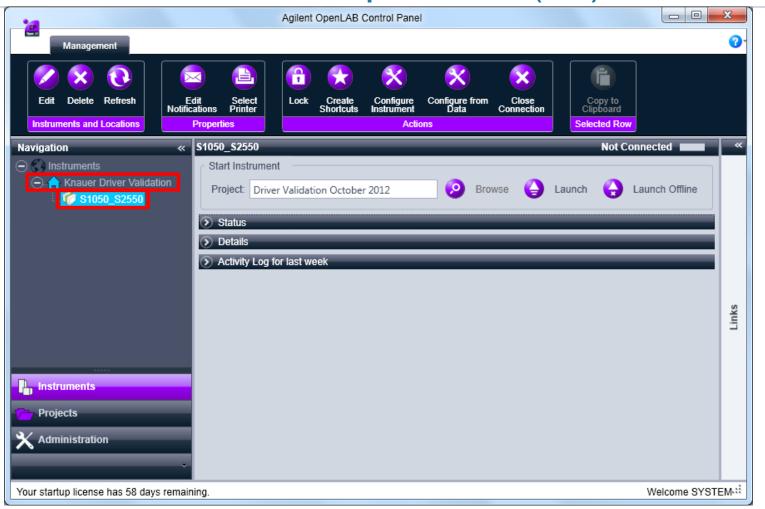


Short Introduction OpenLAB (10)



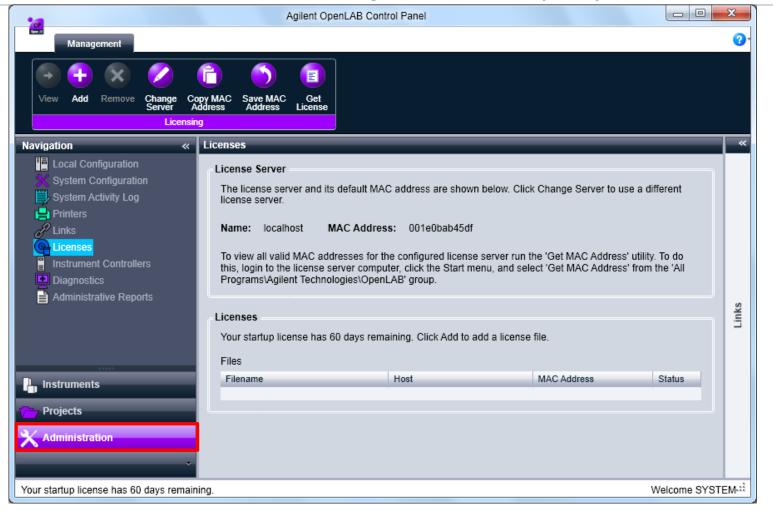


Short Introduction OpenLAB (11)



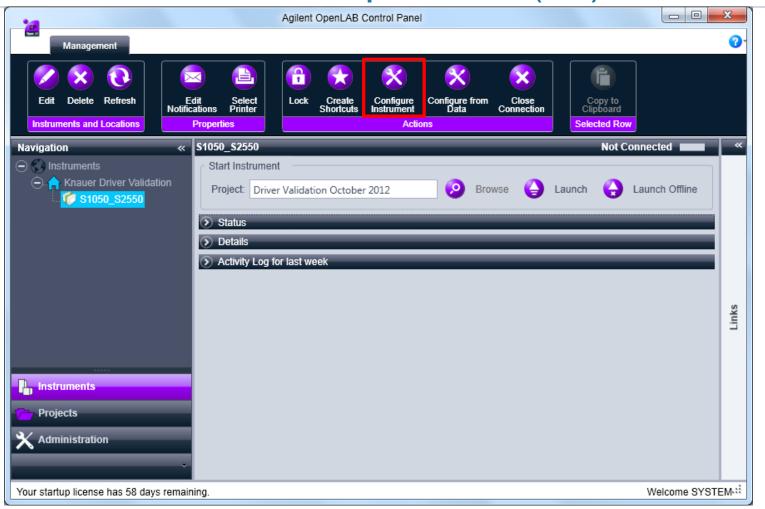


Short Introduction OpenLAB (12)



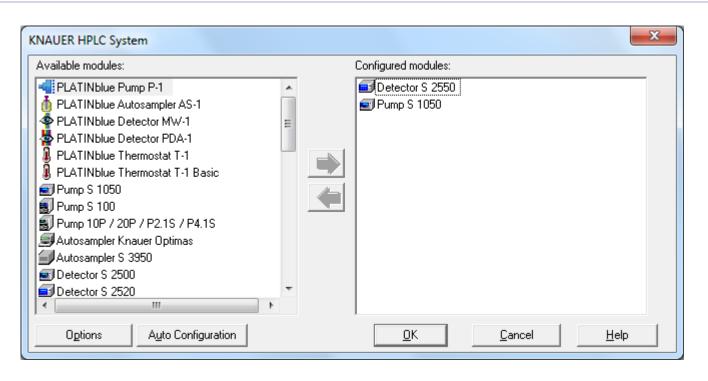


Short Introduction OpenLAB (13)



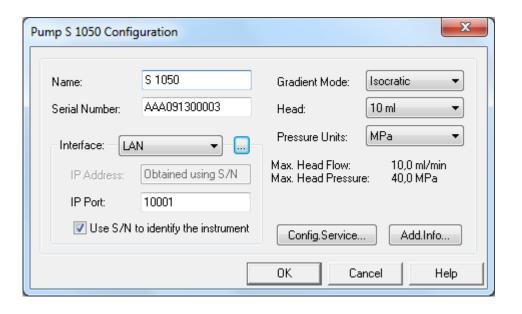


Short Introduction OpenLAB (14)



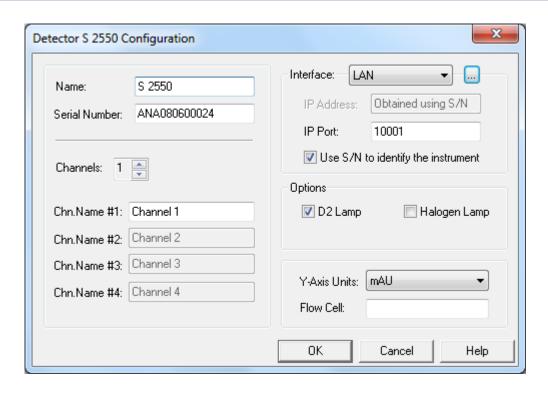


Short Introduction OpenLAB (15)



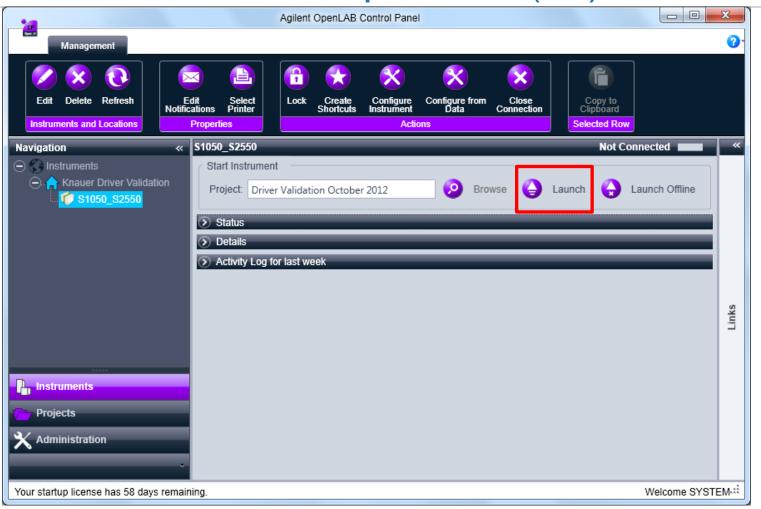


Short Introduction OpenLAB (16)





Short Introduction OpenLAB (17)



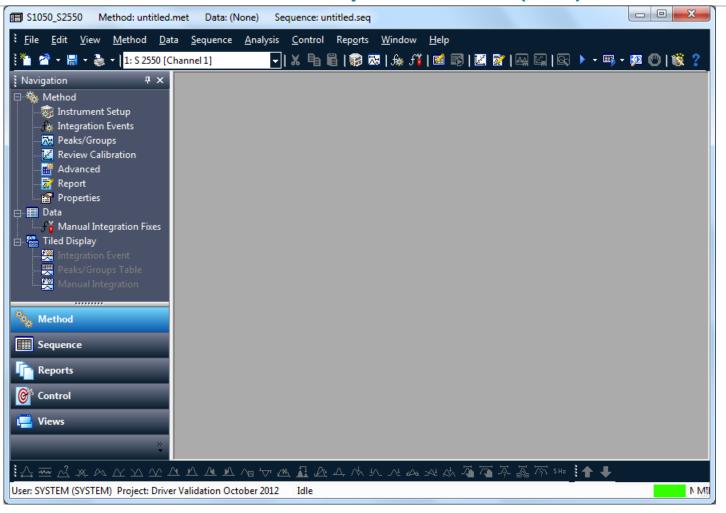


Short Introduction OpenLAB (18)

Method Window

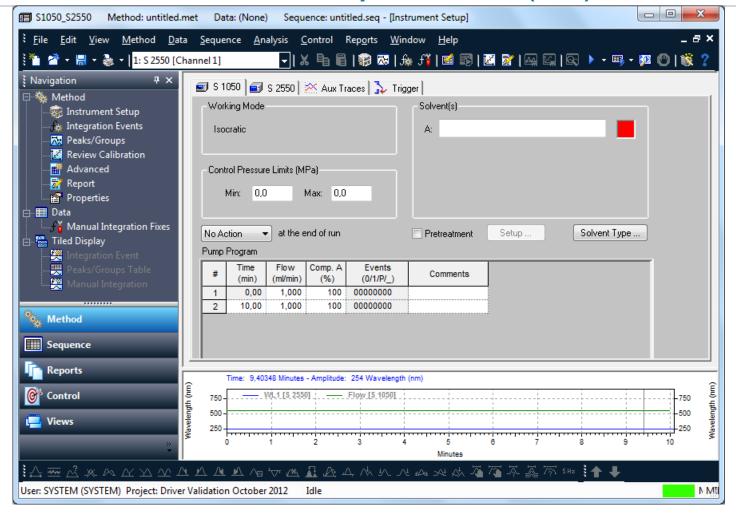


Short Introduction OpenLAB (19)



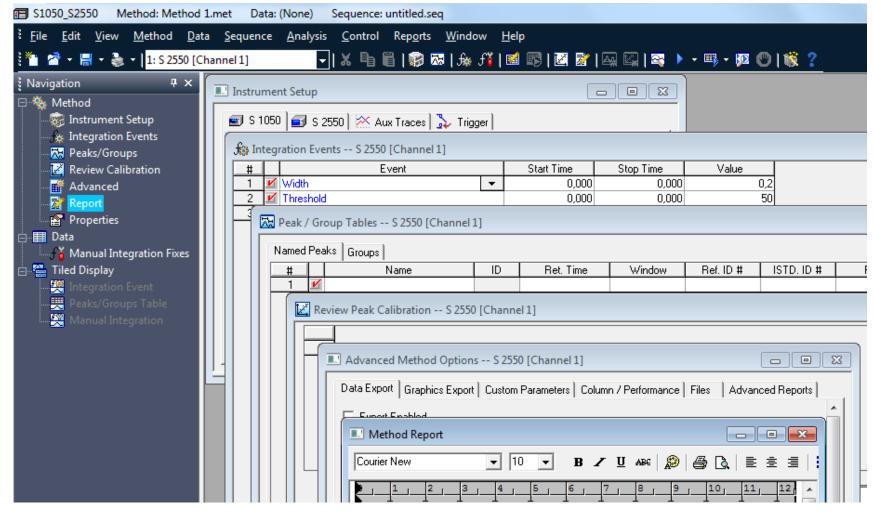


Short Introduction OpenLAB (20)



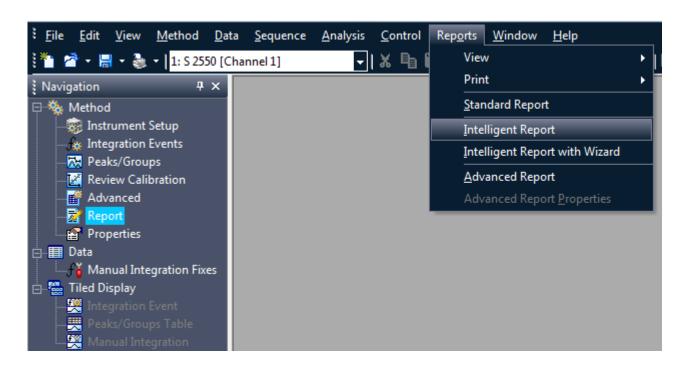


Short Introduction OpenLAB (21)



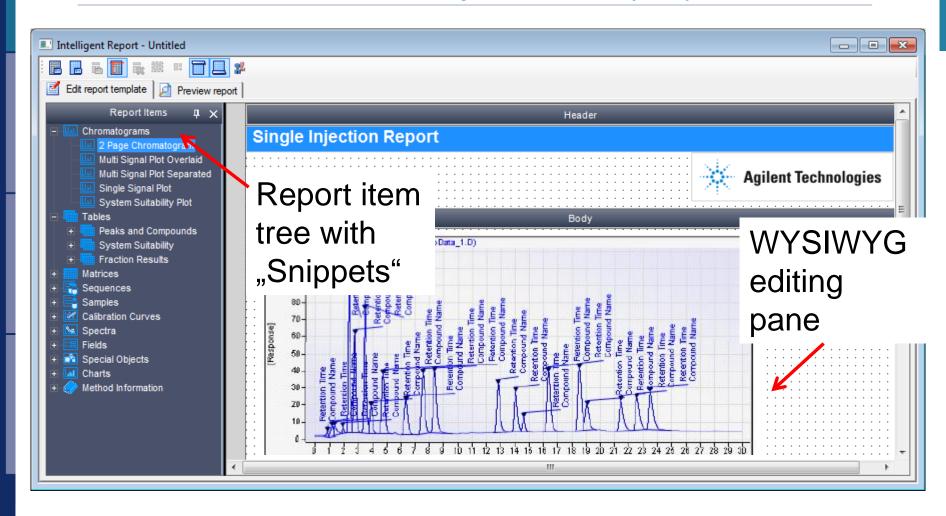


Short Introduction OpenLAB (22)





Short Introduction OpenLAB (23)





Short Introduction OpenLAB (24)

- OpenLAB CDS Intelligent Reporter Features
- Search-based reporting
- Simple and advanced calculations
- Trend charts
- Reporting of chromatograms for one or multiple injections
- Easy to use Report Template Editor
- Reporting of calibration curves and spectra



Conclusion

- KNAUER will replace ChromGate CDS with OpenLAB EZChrom Edition in 2013
- OpenLAB EZChrom Edition supports standalone and network-distributed systems
- All newer KNAUER devices will be supported
- FRC Option and Runtime Settings will be supported



More questions ???

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