GCC

"Serving The World of Chemical Analysis"

Oct 14-15,
Moody Gardens Convention Centre, Galveston Tx

Booth #1202

chromperfect

chromatography data systems

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The choice of 10,000 chemists since 1982

- Chromperfect is the ONLY, client server chromatography data available from an ***Independent*** AMERICAN manufacturer.
- Our company has been privately owned and operated for over 30 years.
- Over that period we have sold systems into almost every major company worldwide
- Most of the general features of CDS systems which are taken for granted today were first introduced in Chromperfect.
- Over our 30 year history we have NEVER left a customer behind.
- We continue to offer support for instrumentation that is abandoned my the manufacturers
- Chromperfect file compatibility runs from MS DOS to Windows 8.1

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Operating Systems

Chromperfect, is a chromatography data system designed to run on;

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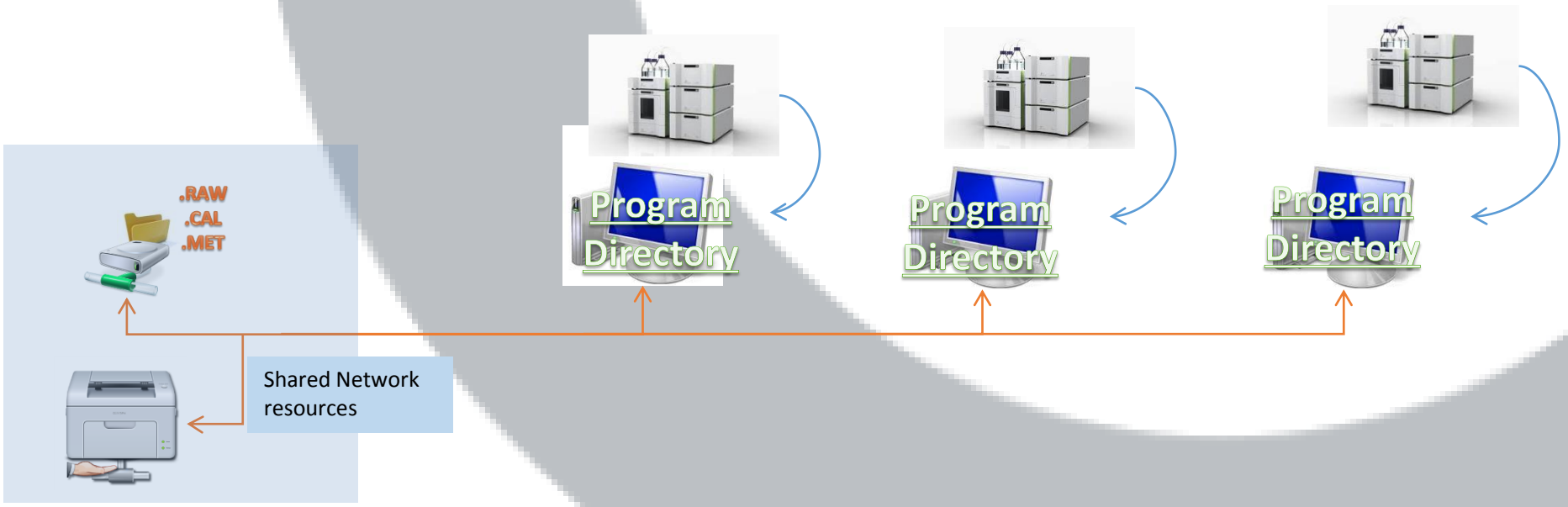
System Operations



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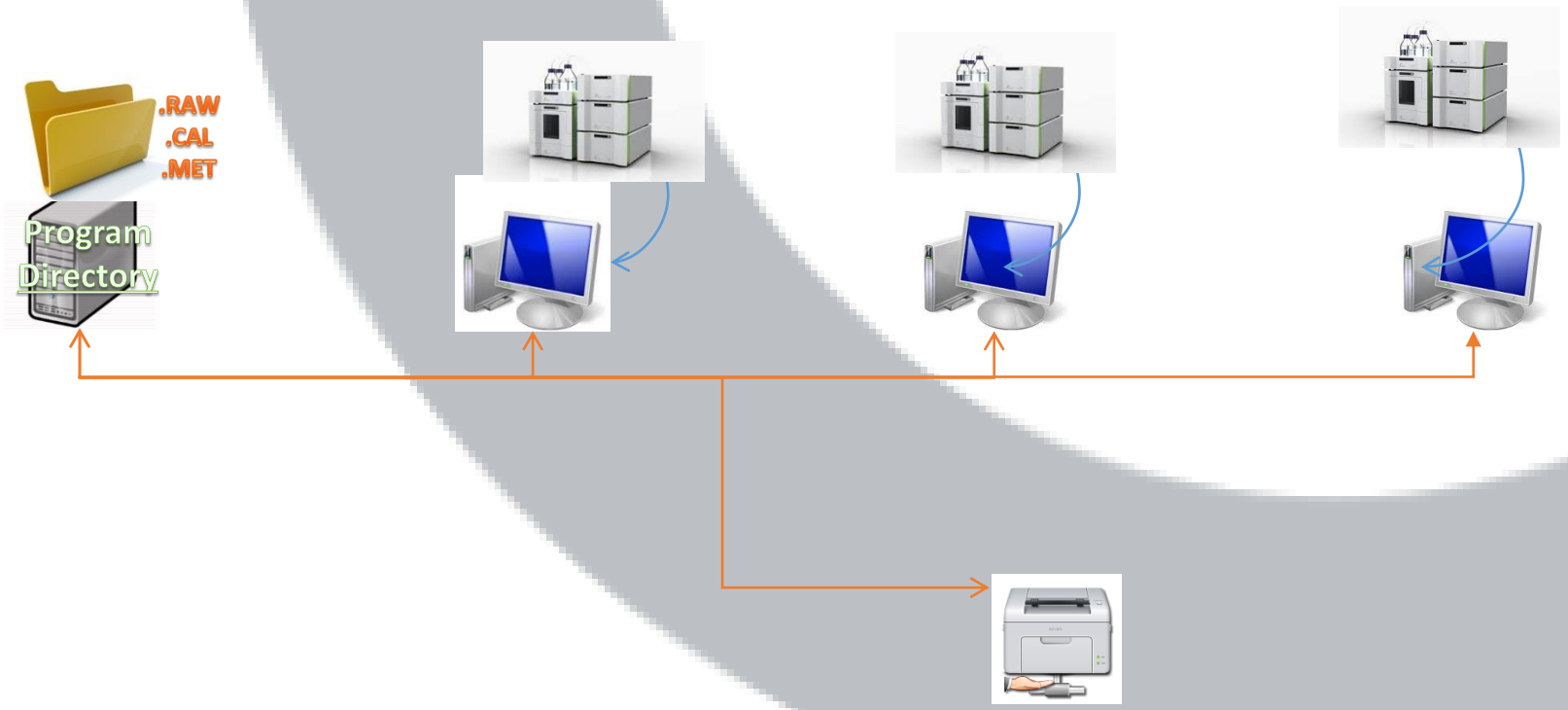
System Operations



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The Instrument Work Horse

- Technology that bridges control and analytics
- Compact instrumentation
- Analysis at site of production
- Familiar software for the technical professional
- Result information for the non technical colleague

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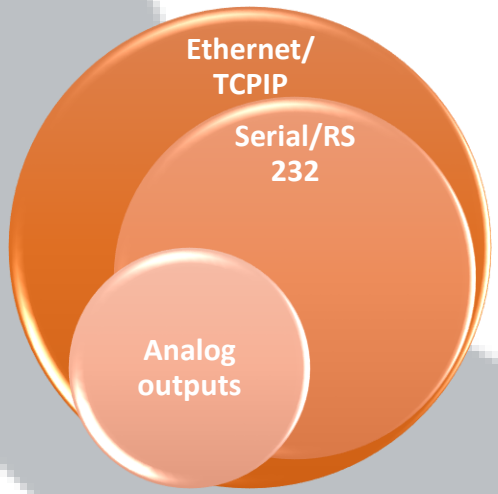
Data Sources

Chromperfect can acquire, process, and report data from any GC or HPLC



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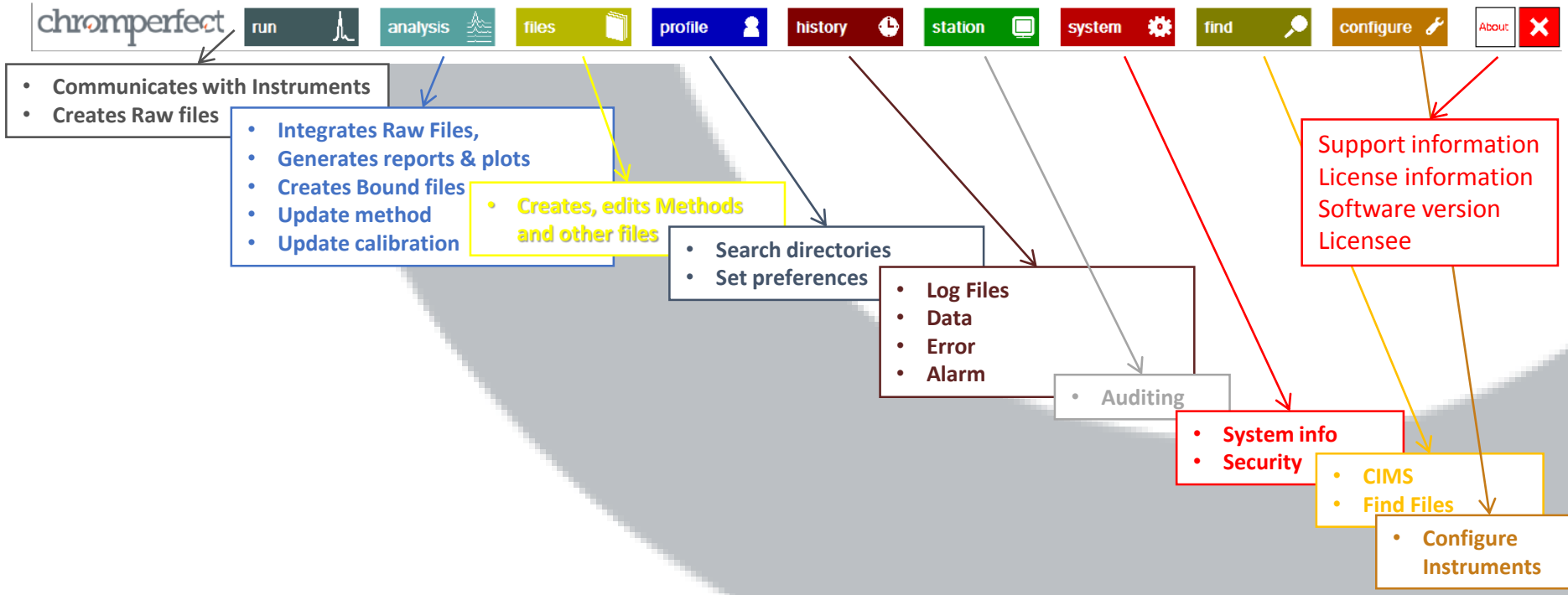
3.4 The Chromperfect Main Menu



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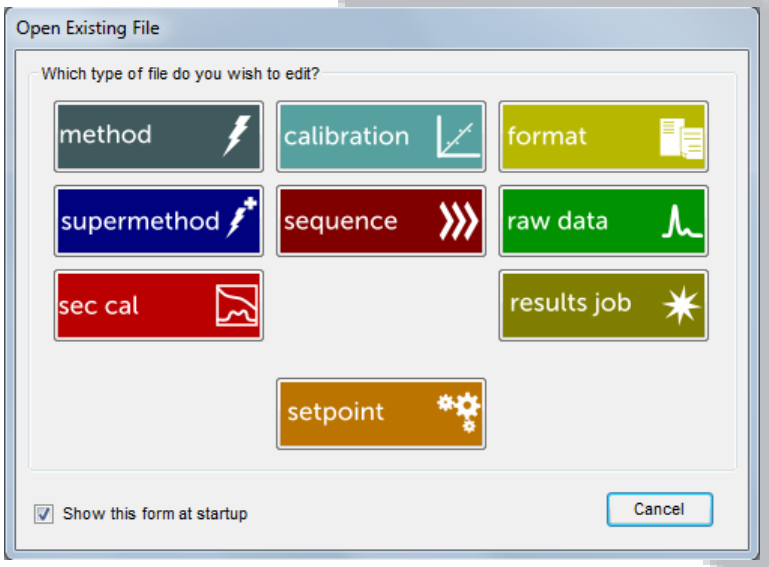

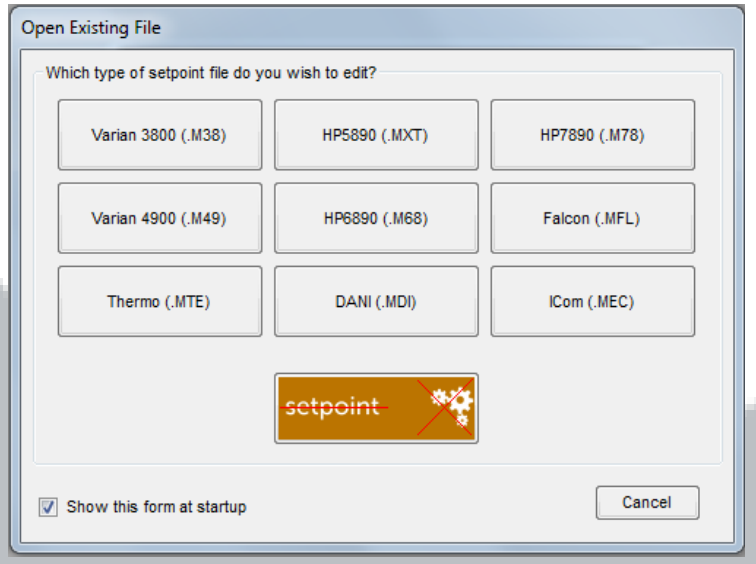

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Distribution of Control

- Centrally located Instrument Server
- Client workstations placed anywhere
- Instruments controlled from LIMS to LAB

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New Powerful Compact Instruments

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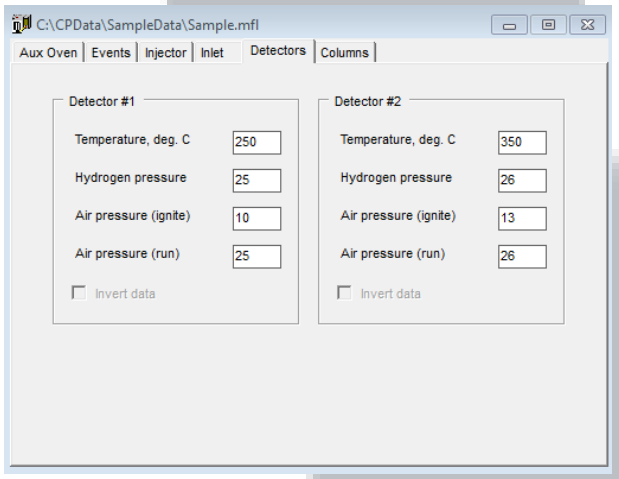
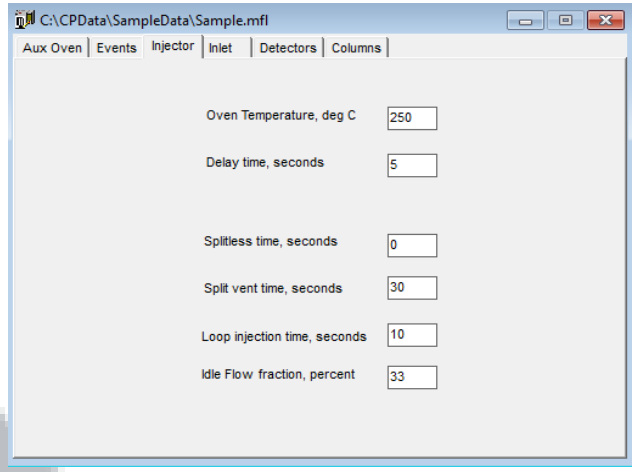
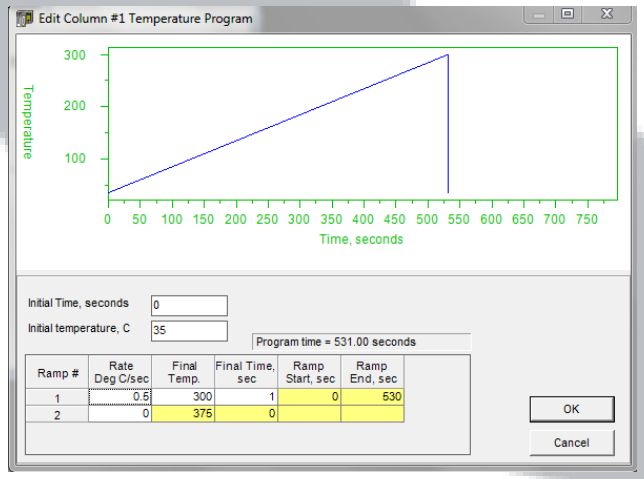
Instrument Control







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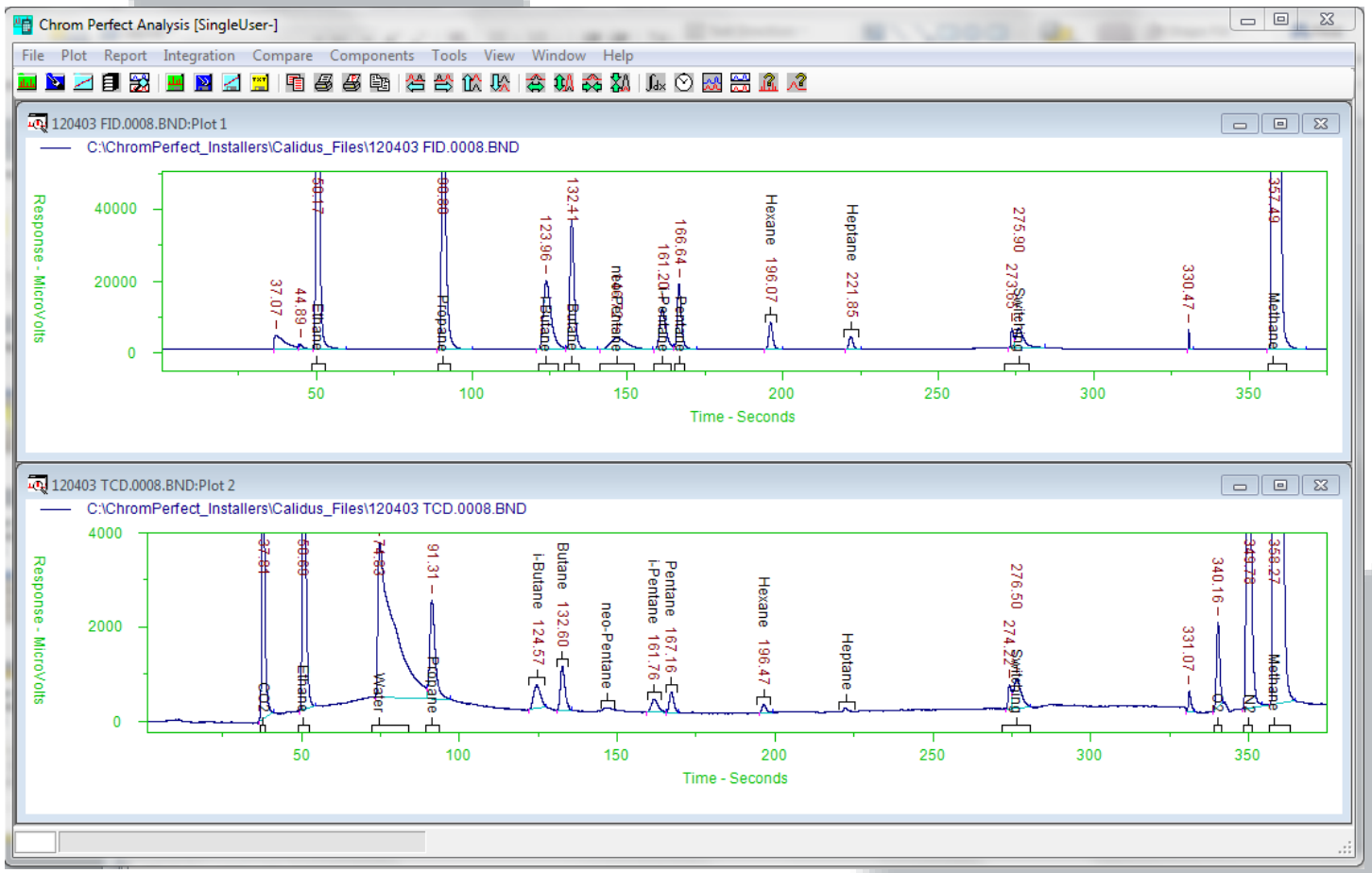
Fast Fast Fast



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Robust Software to Match

- Integration algorithms
- Data handling reporting
- Instrument control
- Interface with LIMS systems

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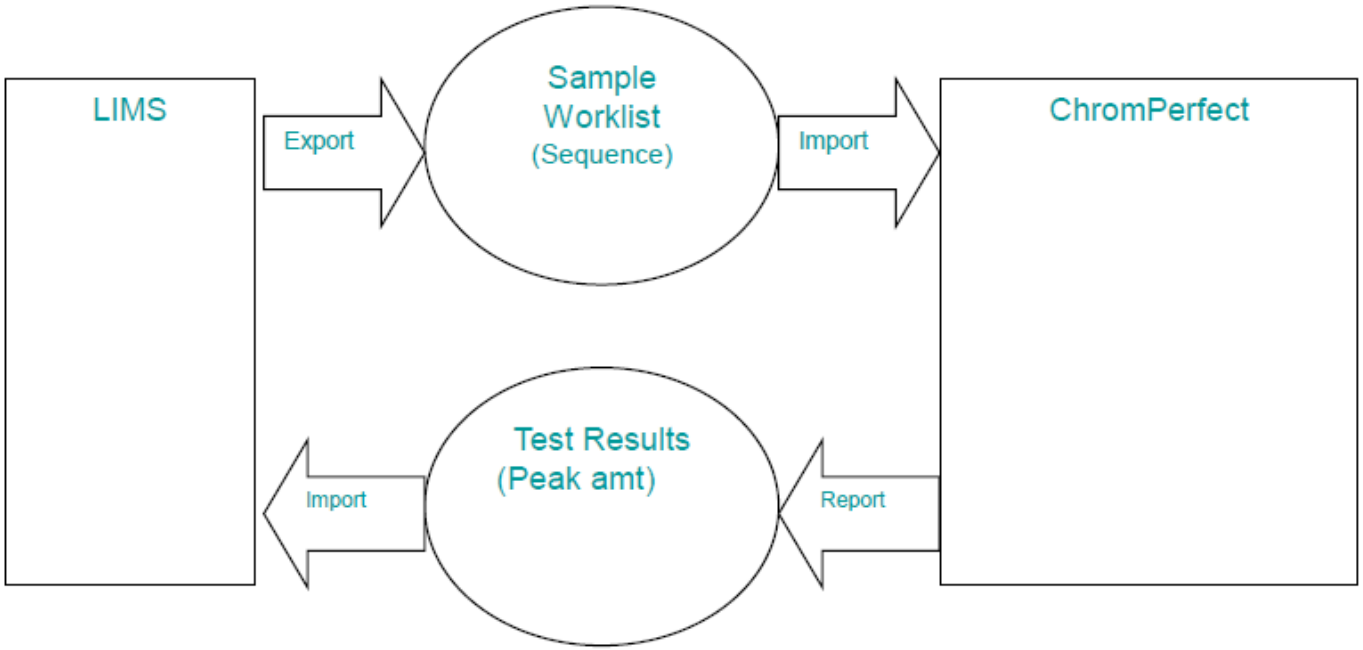
Central Integration

LIMS Sequence Interface



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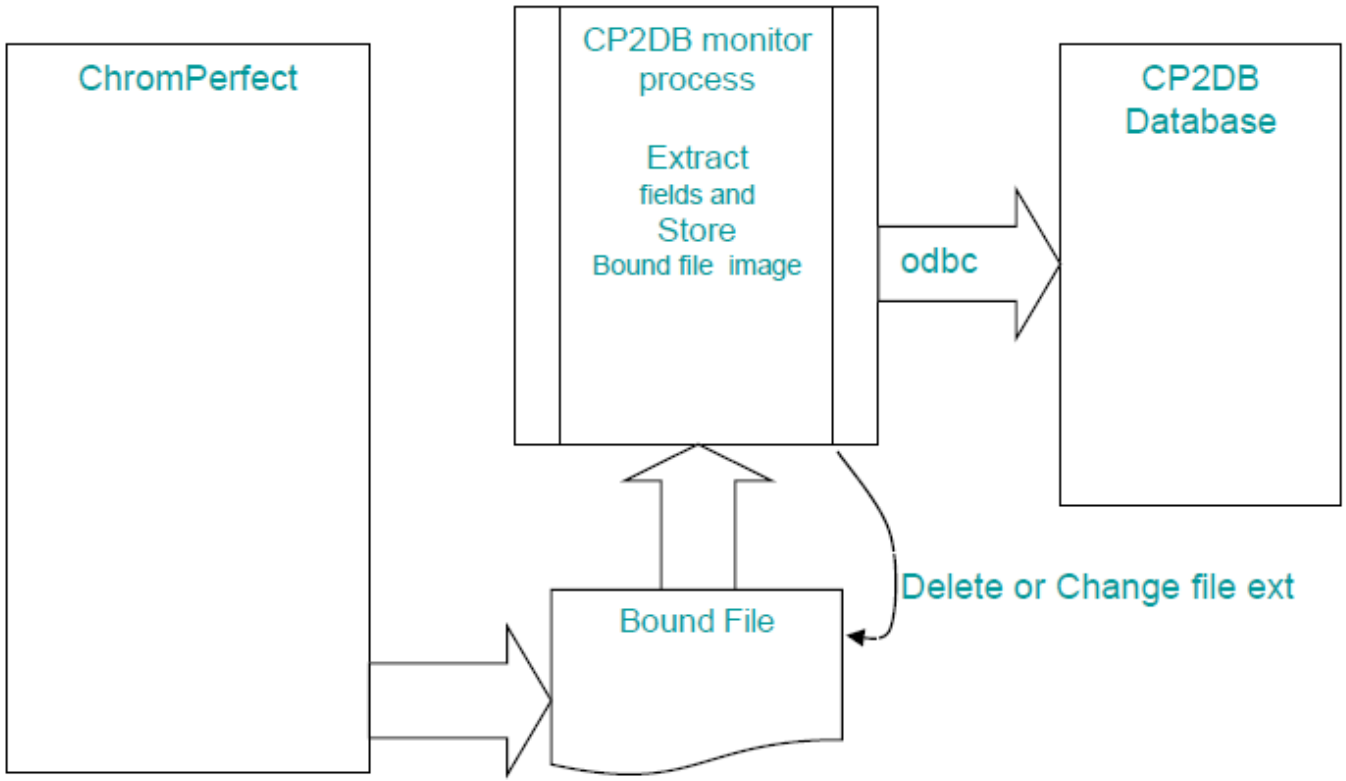
Information Transmitted



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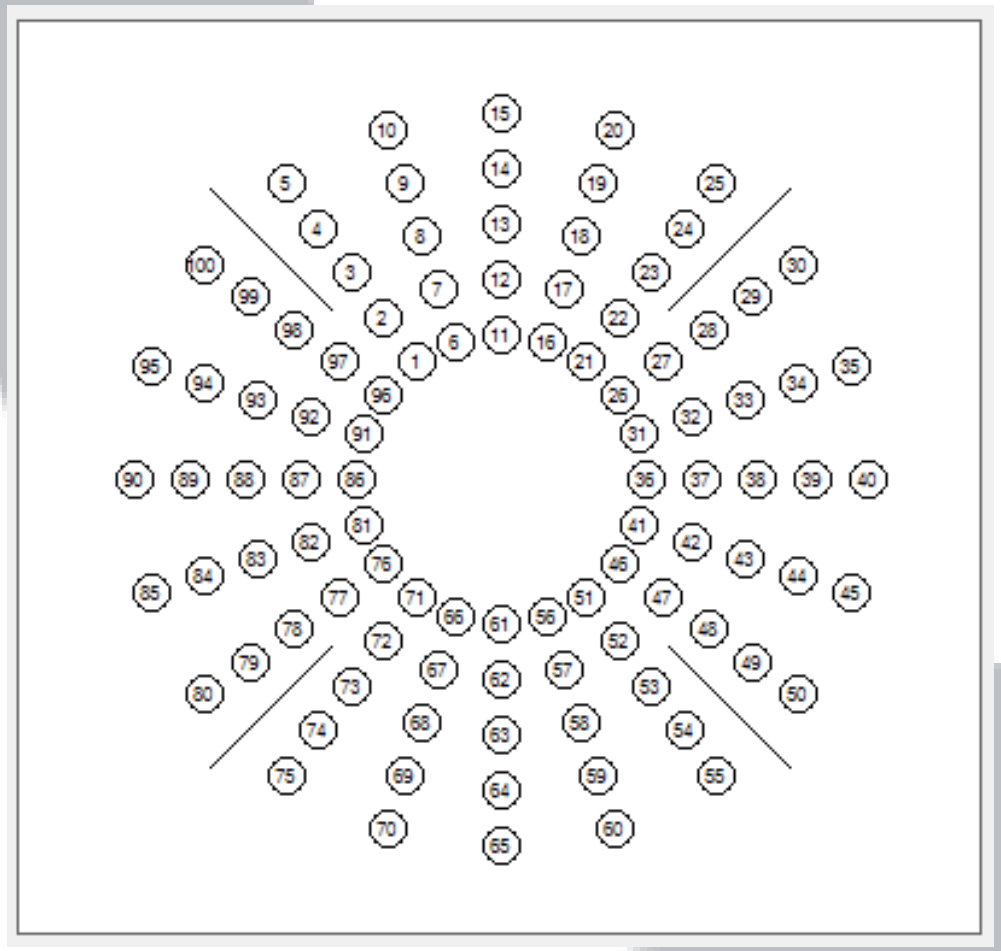
Sample Systems Control



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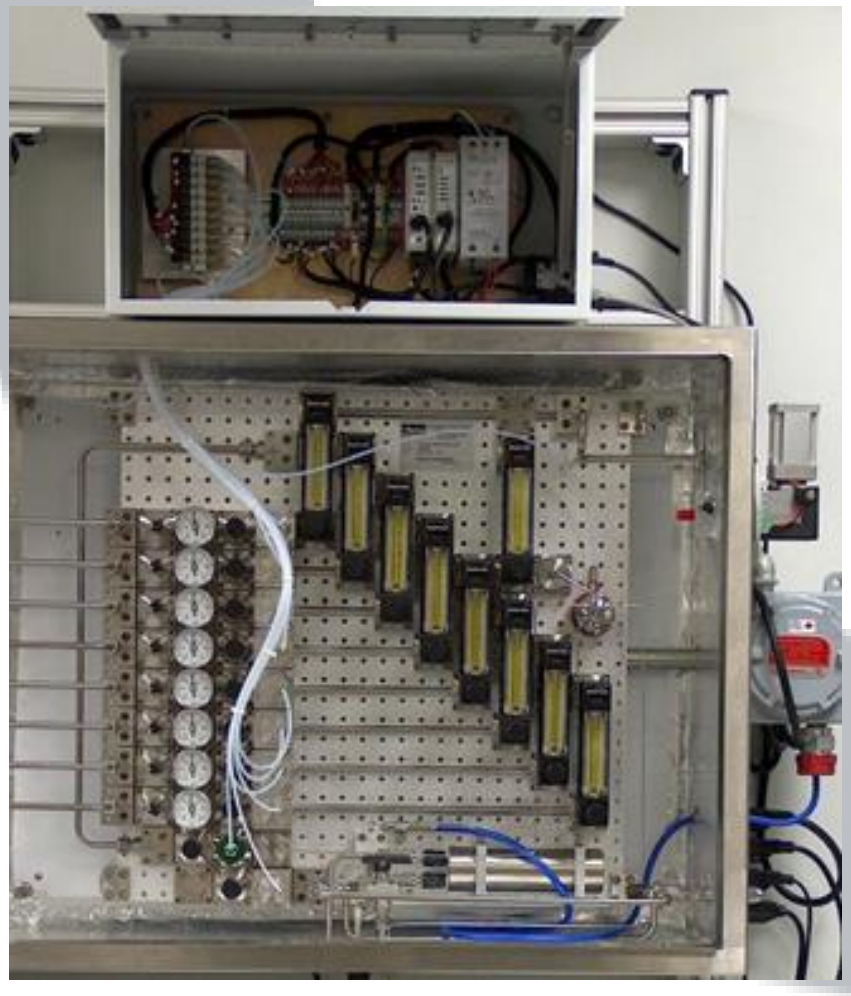
Process Sample Systems

Nessi



Customized Solutions

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CTC PAL3

FALCON PALARUS

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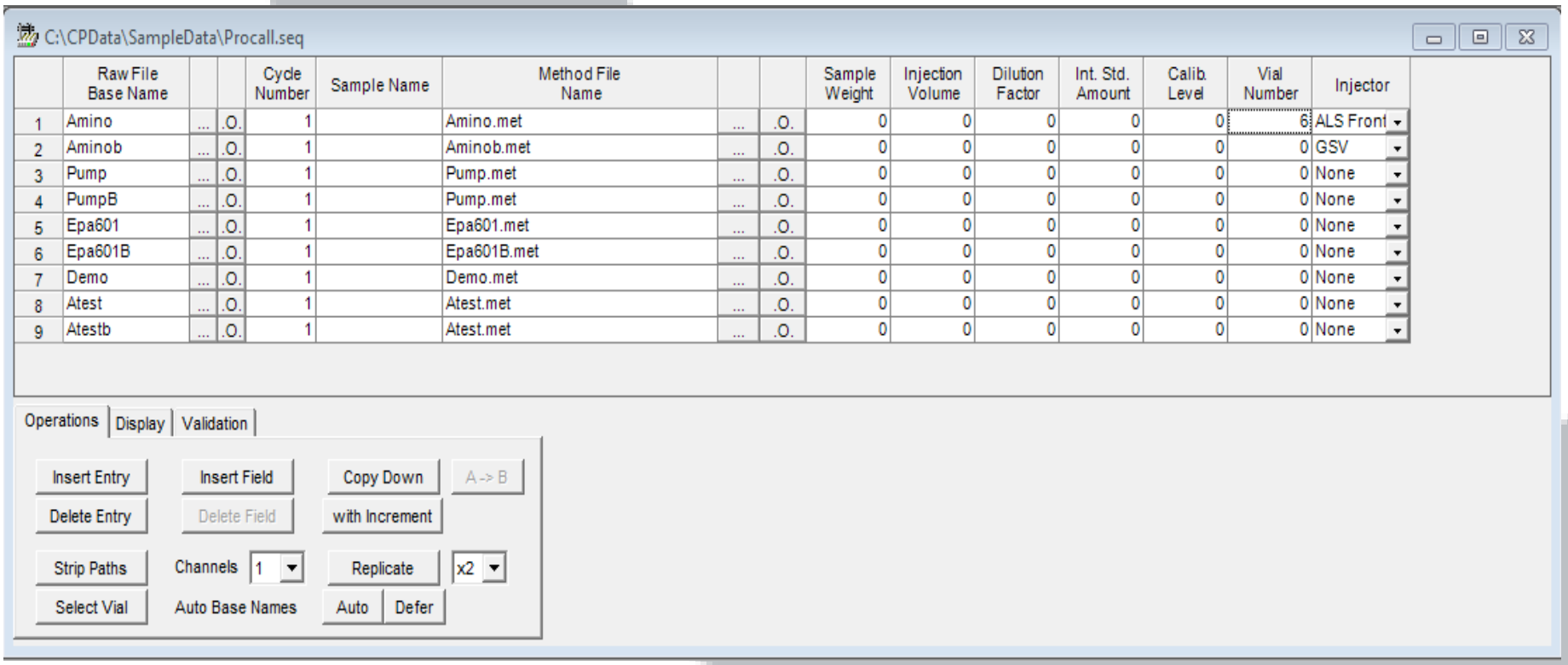
Automatic Sequencing



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Common Technology Employed

- Balance and use existing infrastructure
- Local at site processing
- Remote control
- Highly secure

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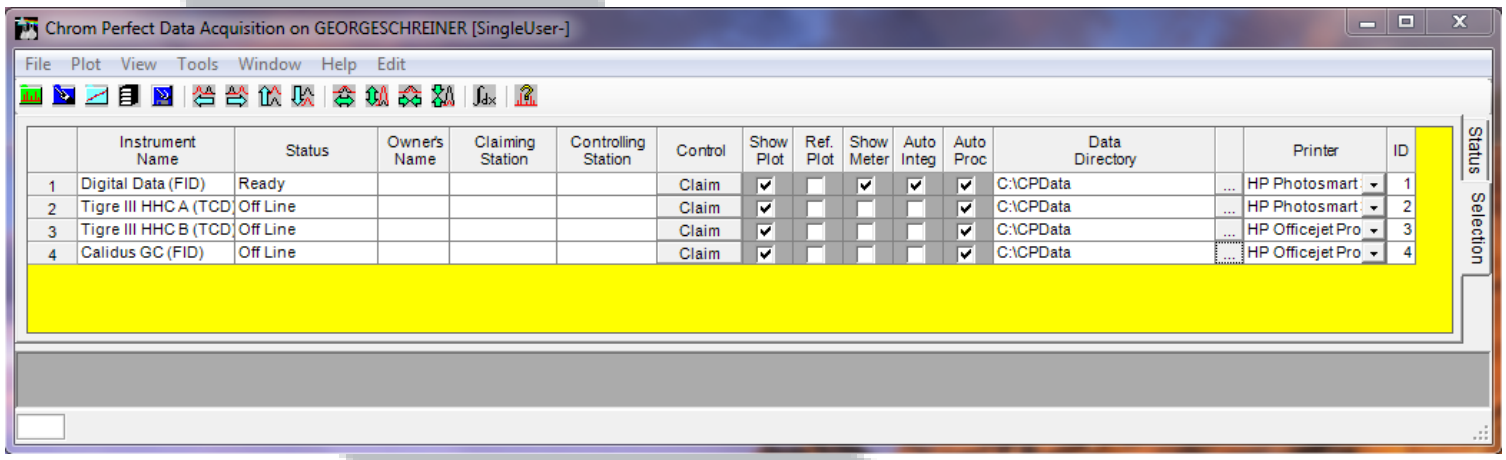
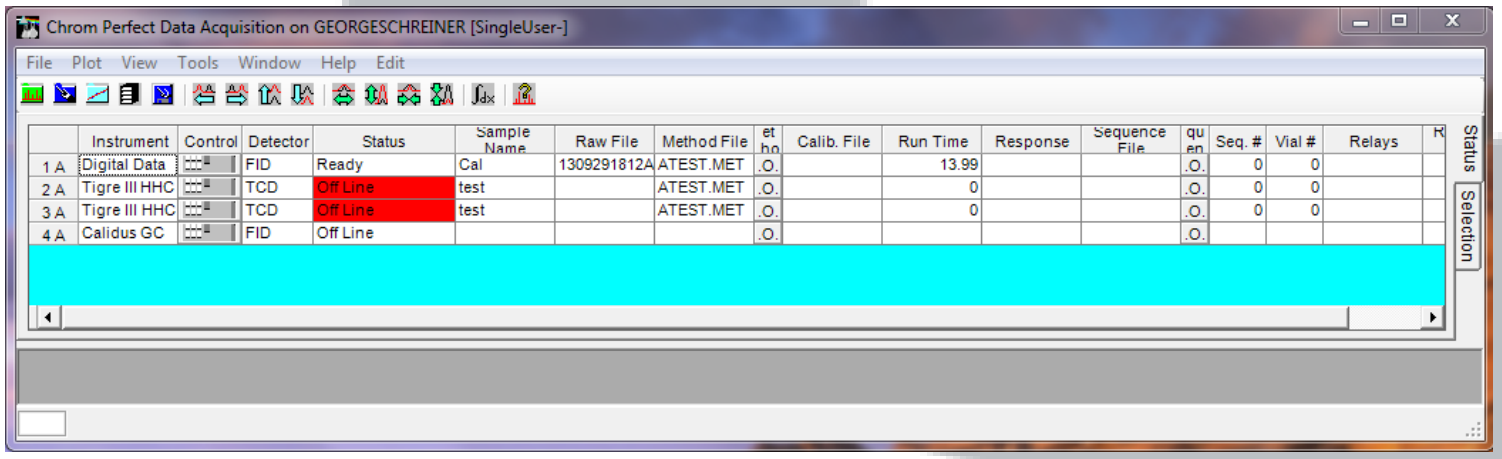
Common User Interface





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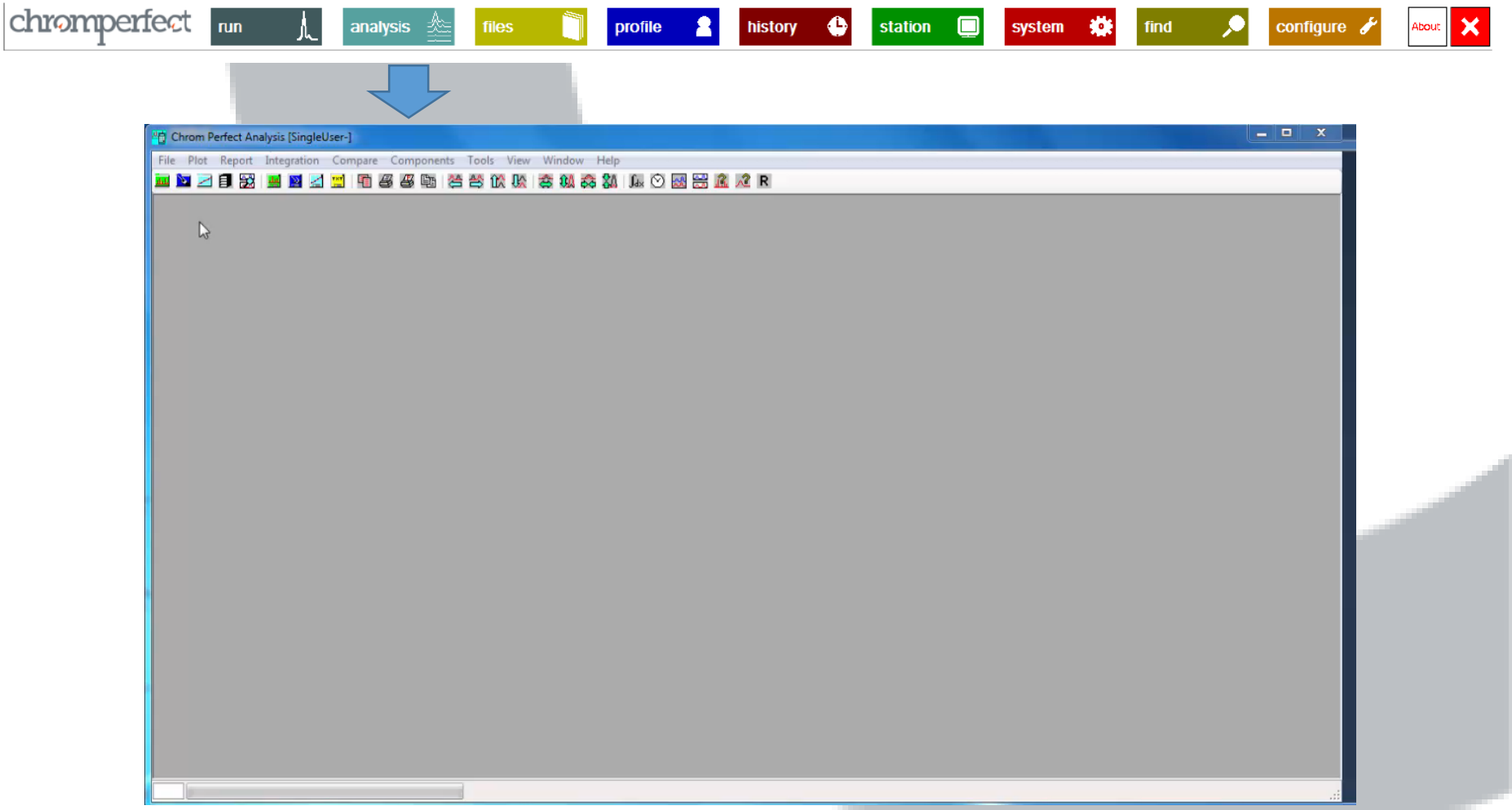
Spinning Wheels



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Long Arm of the Laboratory

- Sampling Stays Local
- Testing of Process Cleaning Procedures
- Monitoring of Workplace Atmosphere
- Local Chemical Reaction Monitoring
- Processing of Water streams
- Wireless connectivity for Legacy Instruments

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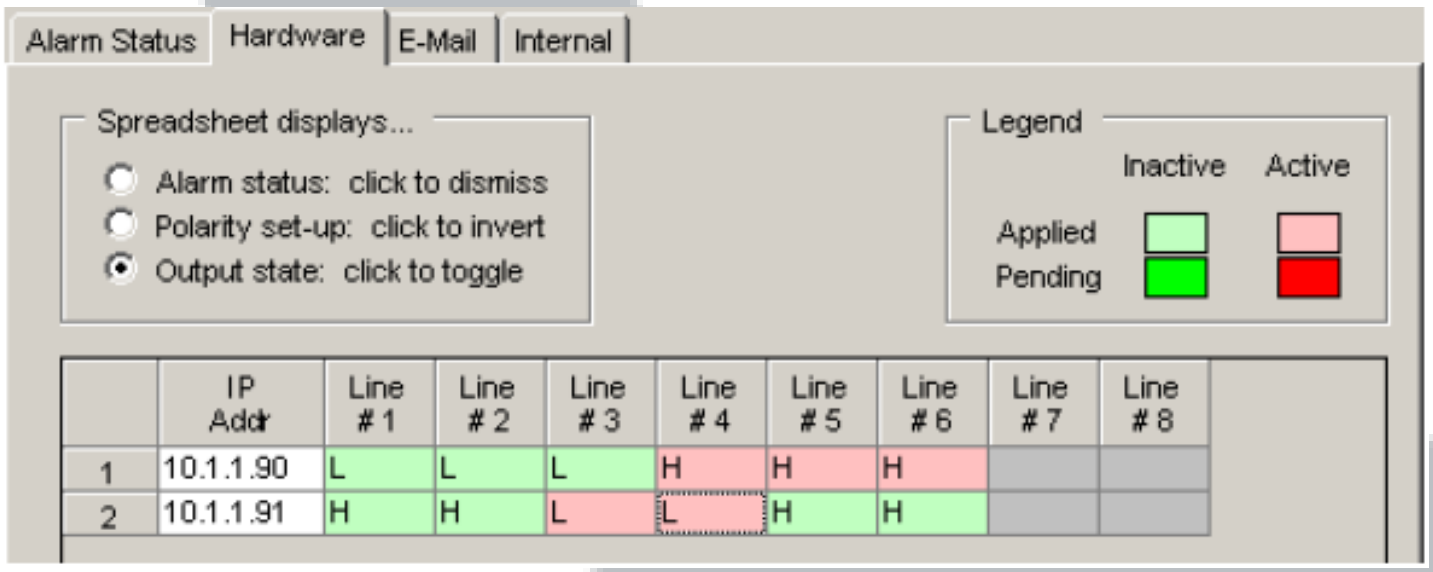
Alarms from Analytical Results



	IP Addr	Line # 1	Line # 2	Line # 3	Line # 4	Line # 5	Line # 6	Line # 7	Line # 8
1	10.1.1.90	L	L	L	H	H	H		
2	10.1.1.91	H	H	L	L	H	H		

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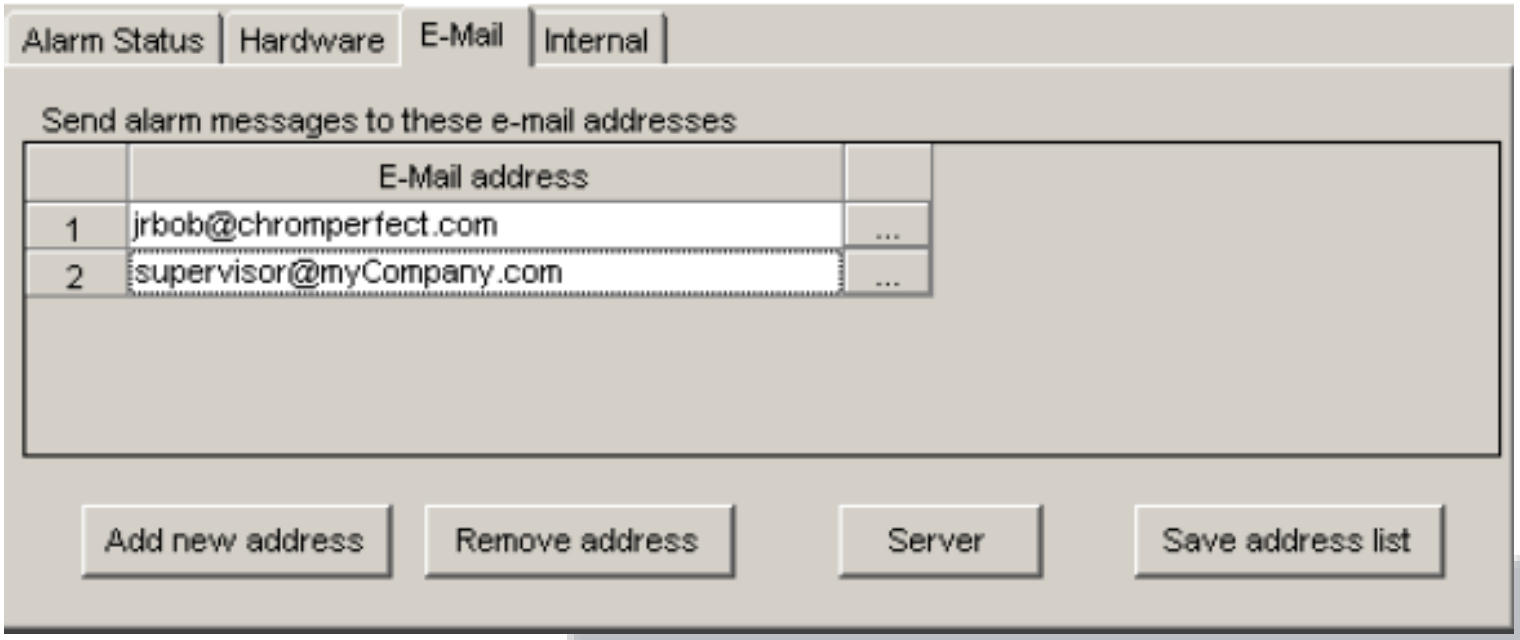
Alarms from Analytical Results



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Alarms from Analytical Results

Name	R.T.	Missing peak?	Amount	Out of limit?	Area %	Over FV1?	Skew	Over UF1?
propanol	0.30	OK	0.74	OK	21.155	OK	1.002	OK
n-butanol	0.40	OK	1.00	OK	18.501	OK	0.999	OK
s-butanol	0.44	OK	0.50	OK	14.052	OK	1.010	OK
i-butanol	0.48	OK	0.84	OK	17.560	OK	1.002	OK
hexanol	0.70	OK	0.32	OK	16.795	OK	1.007	OK
heptanol	0.74	OK	0.58	OK	11.936	OK	0.999	OK

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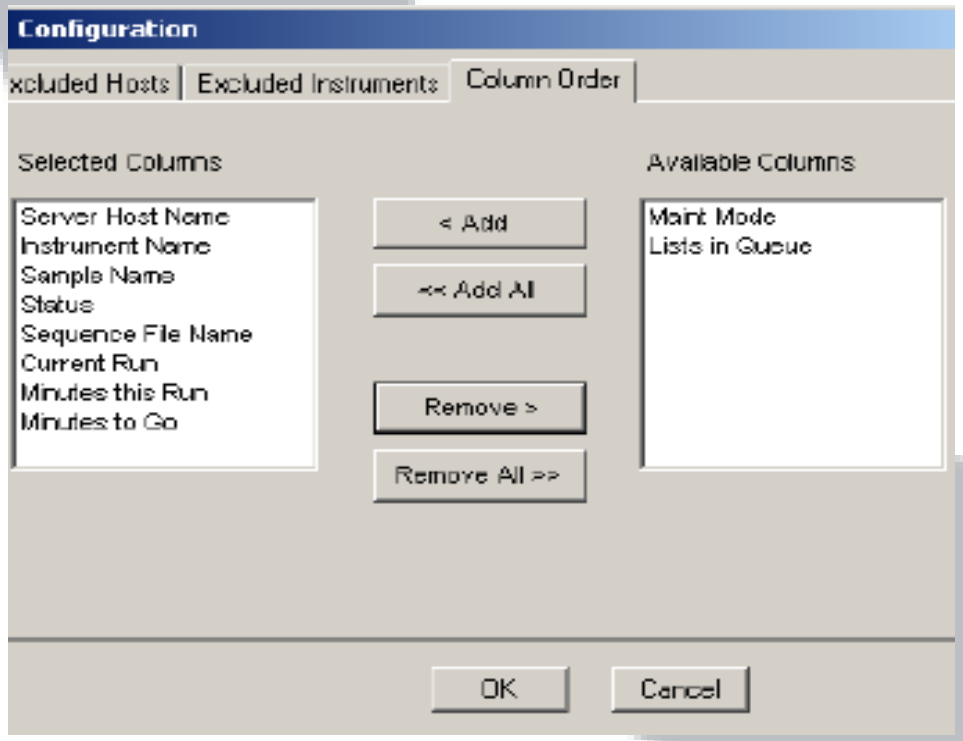
System Monitoring

- Each Workstation can Monitor System Wide



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System Monitoring

- Status of All Instruments

	Server Host Name	Instrument Name	Sample Name	Status	Sequence File Name	Current Run	Minutes this Run	Minutes to Go
1	TARIK-XP	MyInstrument	myFile2	Ready	generatedAX.seq	2 of 4	N/A	3
2	TARIK-XP	fake-2	mySample-124	Ready		Done	N/A	Done
3	TARIK-XP	fake-D	mySample-123	Ready		Done	N/A	Done

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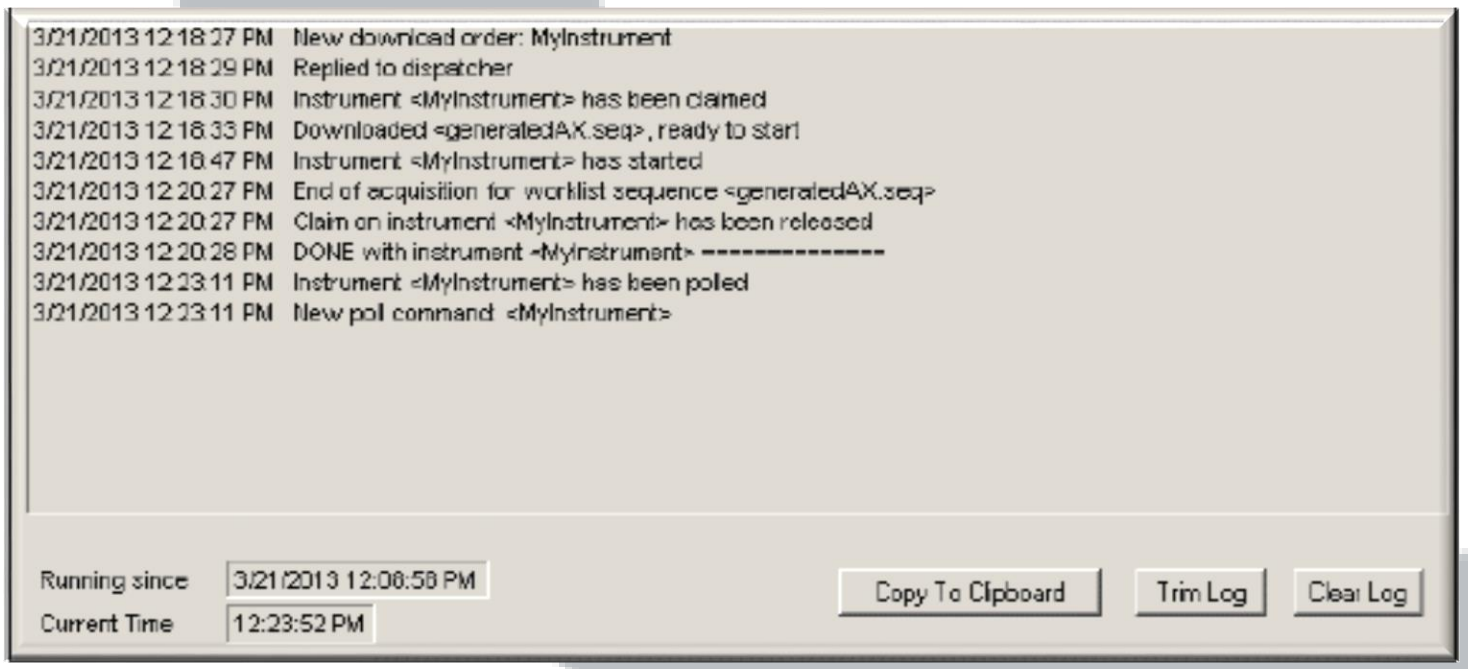
System Monitoring



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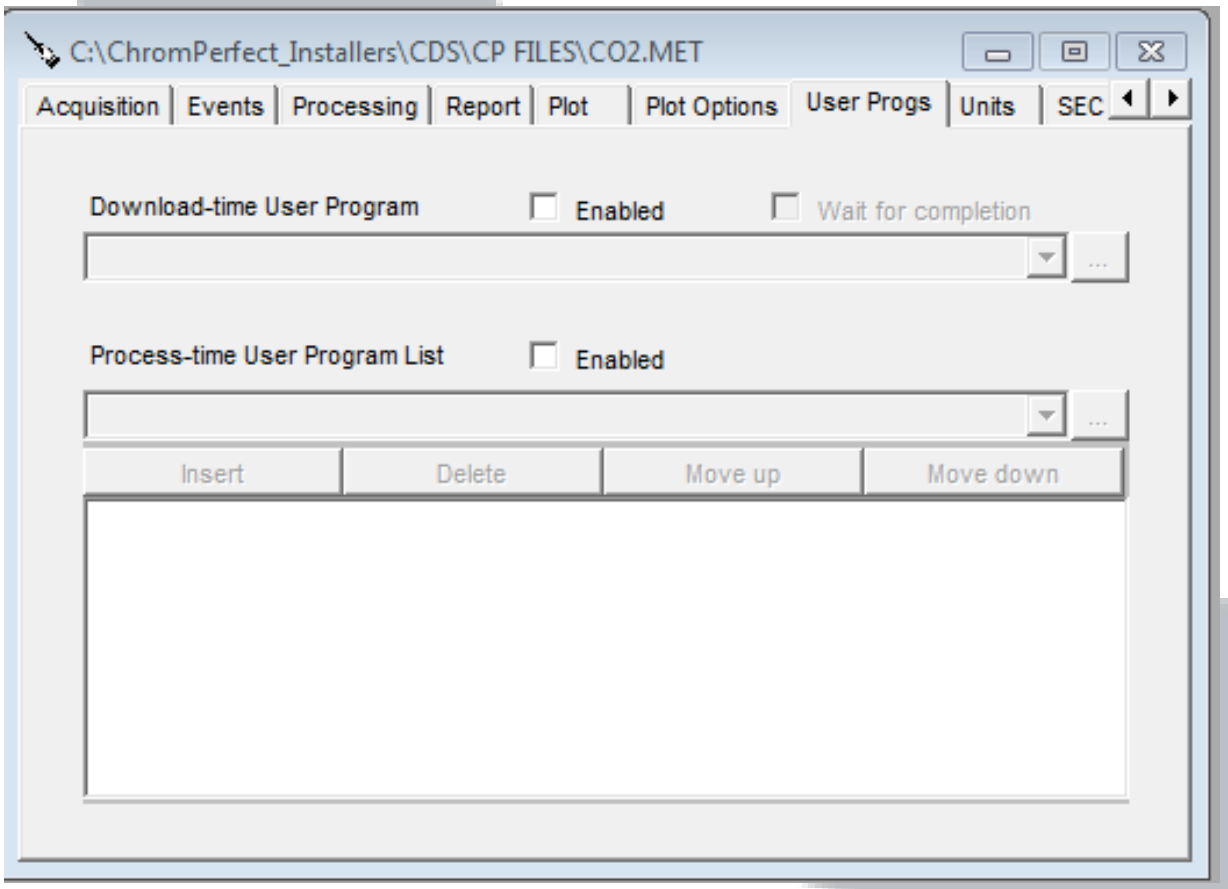
Flexible Programming



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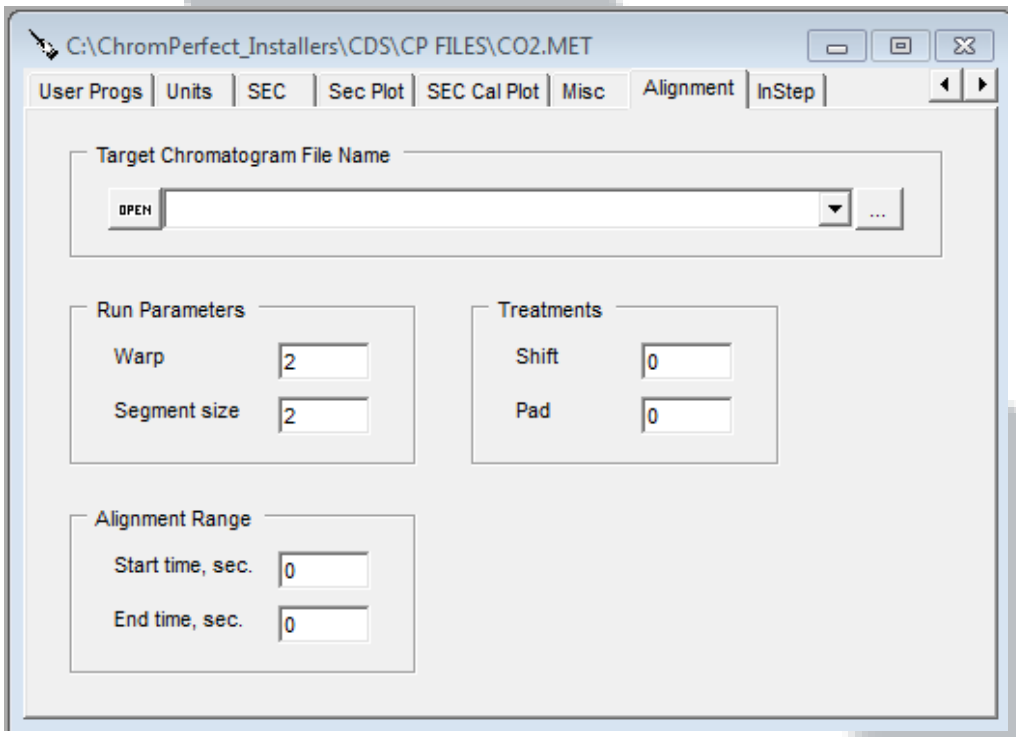
Chemometrics

- Direct Integration of InfoMetrix LineUp Software



InfoMetrix®

LineUp™

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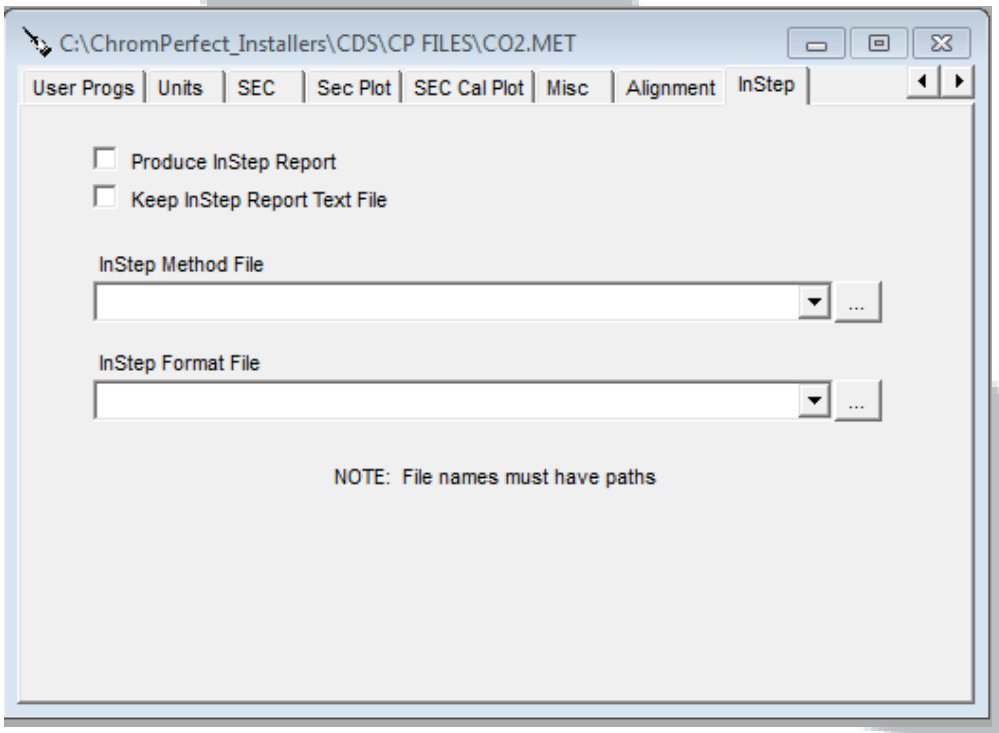
Chemometrics

- Direct Integration of InfoMetrix InStep Software



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