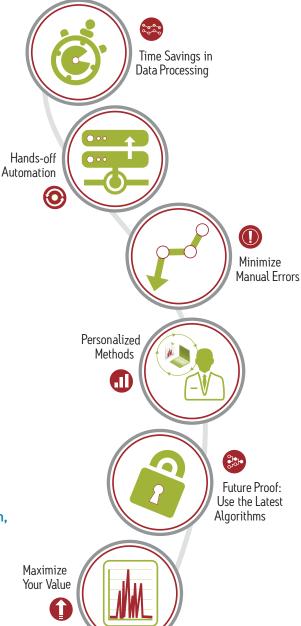
[product solution]

THE SCIENCE OF WHAT'S POSSIBLE.

Automate Your LC-MS Data Analysis Routines

Build the informatics YOU need for YOUR laboratory





Symphony[™] Software is a client/server application that is triggered by a MassLynx[®] acquisition and allows the automation of one, or several, data handling or processing

It is built with efficiency, flexibility and creativity in mind and enables laboratories to extract the maximum value from LC-MS instrumentation.

Symphony software brings numerous benefits:

functions in a sequence.

- Significant time savings in experimental workflows
- Initiate data processing as soon as an instrument run has completed and run to completion without additional user intervention
- Minimization of typical user errors when processing large datasets with manual methods
- Personalized data processing provides only the optimal functions and algorithms required for your laboratory
- Future-proof your data processing pipelines with the ability to respond to algorithm advances
- Discover new ways to process your LC-MS data to extract maximum value

"By automating routine data-processing steps, Symphony saves our operator time, and allows us to conduct the most time-consuming parts of the informatics workflow in parallel to acquisition. Best case, it can save MONTHS of processing time, and in combination with noise-reduction, petabytes of storage.

We see great value in the modular nature of Symphony, allowing us to rapidly develop and test new processes for handling experimental data, including real-time QC, prospective fault detection and tools for ensuring data integrity."

JAKE TM PEARCE Informatics Manager, MRC-NIHR National Phenome Centre, Imperial College, London, UK

[product solution]

Key features

- Accepts a wide range of executables, batches and scripts
- V1.0 initiated from MassLynx
- Drag and drop tasks to easily build pipelines
- Conditional tasks to allow the use of data from one task to another
- Pipeline library for ease of use and to share with other users
- Work across multiple PCs and across networks
- Recover processing queue's following network or other processing interruptions
- Extensive log reporting to aid troubleshooting
- Built-in news feed featuring the latest product information and updates from the Symphony Online Community

To find out more go to www.waters.com/symphony, or join the Symphony Online Community at http://forums.waters.com/groups/symphony

 Water Sympleory
 Cold statute

 We description
 Cold statute

 Discription
 Cold statute

 Discriptio

The Symphony home page displays the current job status, provides helpful links to user guides and tutorials, and has a live news feed for the latest Symphony information.

Link Or O Output Image: Configuration Editor ** Optime same: PLOS pipeline - used in Tubrial 4 Image: Configuration Editor ** optime same: PLOS pipeline - used in Tubrial 4 Image: Configuration Editor ** optime same: PLOS pipeline - used in Tubrial 4 Image: Configuration Editor ** optime same: PLOS pipeline - used in Tubrial 4 Image: Configuration Editor ** optime same: PLOS pipeline - used in Tubrial 4 Image: Configuration Editor ** optime same: PLOS pipeline - used in Tubrial 4 Image: Configuration Editor ** optime same: PLOS pipeline - used in Tubrial 4 Image: Configuration Editor ** optime same: PLOS pipeline - used in Tubrial 4 Image: Configuration Editor ** optime same: PLOS pipeline - used in Tubrial 4 Image: Configuration Editor ** optime same: PLOS pipeline - used in Tubrial 4 Image: Configuration Editor ** optime same: PLOS pipeline - used in Tubrial 4 Image: Configuration Editor ** optime same: PLOS Tubrian ** optime same: PLOS Tubrian Image: Configuration Editor ** optime same: PLOS Tubrian ** optime same: PLOS Tubrian Image: Configuration Editor ** optime same: PLOS Tubrian ** optime same: PLOS Tubrian Image: Configuration Editor ** optime same: PLOS Tubrian	Homo services Predime name: PLOB predime for Margue Fractions Image: PLOB predime name: PLOB predime for Margue Fractions Image: PLOB predime name: PLOB predime name: PLOB predime name: Image: PLOB predime name: PLOB predime name: PLOB predime name: PLOB predime name: Image: PLOB predime name: Image: PLOB predime name:	Waters	s Symphony									
Pelane Rules faith is and palent and the Pulsa palent by Pelane Audio Balance Statement Pulsa Palent Audio Pelane Audio Pulsa Palent Pelanet Pel	Peter A transfer of A set of Park and Park Processor Provide by Set of Park Park Processor Provide by Set of Park Park Park Park Park Park Park Park	Links		(i) ?	${}^{\triangleleft}$	Pipeline builder						
Image: Sector Strates Image: Sector Strates <td< td=""><td>Image: Configuration of Co</td><td>î</td><td>Quick start links a</td><td>ind pipeline</td><td></td><td></td><td></td><td>loria</td><td>14</td><td></td><td></td></td<>	Image: Configuration of Co	î	Quick start links a	ind pipeline				loria	14			
Licensing Regions ontware Actuals increases Deactorals (censes) Deactorals (censes)	Licensing Two spraced carbona, outstrate, www spraced carbona, outstrate, www spraced carbona, outstrate, www spraced carbona, outstrate, Destinate Destinate conset Data bys and values Repeter software Destinate increase Destinate increase	•	View and manage configurations New task Load task Pipeline Build View and manage New pipeline Load pipeline Status Monito View the status of	der pipelines Dr fourrent, recent,		Apex3D Task IonAcco	ounting Task		rge Fractions T.	Notes Reduction T Peptide20 Task PingTask PLGS TI Task		
Settings File Easts Provided by Symptory Client Activate Iconese 2 #axaddatocation File Eosts Provided by Symptory Client Activate Iconese 2 #axaddatocation File Eosts Provided by Symptory Client Deactivate Iconese 3 #sample:anam Tot None Provided by Symptory Client Settings 5 #E Tot None #parse_PLOS TI Task 6 #E Tot None #parse_PLOS TI Task 6 7 #E Tot None #parse_PLOS TI Task 7 #seco_Output File Exit cl.SymptoryCutput DataSetT cov	Settings File Exits Provide by Symptony Clevit A chara licenses File Exits Provide by Symptony Clevit Decision licenses File Exits Provide by Symptony Clevit Settings Regression File Exits Provide by Symptony Clevit B regression Regression File Exits Settings B regel Regression Exits			5			Kouhmo		Kau and Ear	ne Kausalaa		
Beginste software Activate increases 2 #reardistanciation File Exatility Provided by Symptomy Client Activate increases 3 #samplemane Text None Provided by Symptomy Client View increases 4 #parse_PLOS Thatk File Clipymbory/Output Databales(Toxy Settings 5 incl. Text None #parse_PLOS Thatk Settings 6 incl. Text None #parse_PLOS Thatk 7 Rependent Text None #parse_PLOS Thatk File 8 File Text None #parse_PLOS Thatk File 9 File Exist clipymbory/Output DataBetropiname_LepenD In File 1 #explore_output File Exists clipymbory/Output DataBetropiname_LepenD In	Setting Text None Provide by Signptony Cleard 2 #randcatactaria Text None Provide by Signptony Cleard 3 #aptrophrame Text None Provide by Signptony Cleard 5 Setting5 Text Columbra by Signptony Cleard Expression 5 Setting5 Text Columbra by Signptony Cleard Expression 6 #CE Text None Provide by Signptony Cleard Expression 7 #press_Qubut FBit Exist Clear Reset Clear 7 #press_Qubut FBit Exists Clear Signphony/Output Data(Hearpiname)_PestD_Spectrum brit 8 #protect_Marge Fractions Task Counter 2 c Signphony/Output Data(Hearpiname)_PestD_Spectrum brit		Register, activate, de	, deactivate, and ises							1	
Activationness 3 Pearmplerame Totl Nome Peorded by Symptony Client Operations 4 Rearrange, RLSS 11 Task File File File Citymphony/Output Data/Bampioname), Apps 30 Settings 5 FLE Text Nome Peorded by Symptony Client 6 en-E Text Nome Peorded by Symptony Client 7 Rese_output File File File Citymphony/Output Data/Bampioname), Apps 30 bn 8 Peop20_output File Exatt Citymphony/Output Data/Bampioname), App 30_Spectrum bm	Activationeme 3 Beamplemanne Text None Provided by Symptony Caler! Construct tensors 4 Parase_PLGST Task File P. Ett. Stating tensors Solding delaut settings 5 File P. Ett. Stating tensors 6 Proc. Qubut File P. Ett. Stating tensors 7 Resc. Qubut File P. Ett. Stating tensors 8 Proc. Qubut File P. Ett. Stating tensors 9 Proc. Qubut File P. Ett. Stating tensors 9 Restler. Qubut File Ettilt Stating tensors 9 Restler. Qubut File Ettilt Stating tensors 9 Restler. Unsep Fractions Task Counter + 2. C Stimphony/Output Dial(Hamplename_PepiD_Spectrum.in		Register software									
Liketival interest 4 #parse_PLOS TI Task File Find c tdymphonyOutput DataBetT cov Softings 5 FLE Text None epseue_PLOS TI Task Extended Softings 6 In-E Text None epseue_PLOS TI Task Extended 7 Rese_Output File Text None epseue_PLOS TI Task 8 In-E Text None epseue_PLOS TI Task File 7 Rese_Output File Extended epseue_PLOS TI Task File 8 Host Extended etcode etcode etcode Appendix 8 Host Extended Extended etcode etcode Appendix 8 HostOty Output File Extended etcode etcodet etcodet HostOty Output HostOty Output HostOty Output Extended etcodet etcodet File etcodet etcodet File etcodet etcodet etcodet etcodet etcodet	Additional rectines 4 Aparts, PLOS TI Task File Effet ClSymphony/Output Dataleles/T cvv Settings 9 E Text None Pouns, PLOS TI Task 6 9 E Text None Pouns, PLOS TI Task 7 Report, Output File Text ClSymphony/Output Dataleles/T cvv 8 PLOS TI Task File Text None Pouns, PLOS TI Task 8 PLOS TI Task File Text None Pouns, PLOS TI Task 7 Report, Output File Text ClSymphony/Output Dataleles/Text Coll 8 Report, Output File Elasts c: Symphony/Output Dataleles/Text ClSymphony/Output Dataleles/Text Specific Output 9 Rootler_LMerge Fractions Task Counter 2 < c:Symphony/Output Datales/Textme/Lines/Dispectrum.Dn		Deactivate licenses View licenses									
Settings S #LE Text None #purse_PLOS 11 Task 6 #HE Text None #purse_PLOS 11 Task 7 Rapes_odpd File Exitistic C Signatory/odpto Data/Barreloname_AexisD in 8 #exp3D_odpd File Exitistic C Signatory/odpto Data/Barreloname_AexisD in 8 #exp3D_odpd File Exitistic C Signatory/odpto Data/Barreloname_AexisD in	S Settings Modify default settings S #LE Text Nore Pourse_PLOS TI Task G #HE Text Pourse_PLOS TI Task F #Genc.ubput File F #Genc.ubput File F #Genc.ubput File F Default F			es			File	÷	First			
6 HHE Text Nome #pure. PLGS 11 Task 7 Raper, output FHE Exists c :Symphony/Output Data(Hamplename)_Apeci30 bin 8 #psp3D_output FHE Exists c :Symphony/Output Data(Hamplename)_Apeci30 bin	Section 20 S			$\exists I$		Text	•					
7 Rapes_output. File Exists c:symptionyCutput Data(Wampiename)_Rep3D_section_bin 8 #pap3D_output File Exists c:symptonyCutput Data(Wampiename)_Pep3D_Spectrum.bin	7 Repec_odput File Eletes citis/mpthony/Oudput Datal(#samplename)_ApexiOD bn #opo)D_oudput Ele Eletes citis/mpthony/Oudput Datal(#samplename)_PexiO_Spectrum bn #otect_Merge Fractions Task Counter 2 C:tis/mpthony/Oudput Datal(#samplename)_PexiO_Spectrum bn	ð i				6 #HE	Text		None	▼ #carse PLGS TI Task		
8 #pep30_output File • Exists • c1Symphony/Output Data(#samplename)_Pep30_Spectrum bin	B #pspD2_output File Elite Counter					7 #apex output	File	•	Exists			
9 Rollect_Merge Fractions Task Counter - 2 🗘 c:Symphony/Output Data(Phampiename)_Pep30_Spectrum.bn						8 #pep3D output	File		Exists	c:\Symphony/Output Data\(#samplename) Pep3D Spectrum bin		
	Symphony Prever details					9 #collect_Merge Fractions Task	Counter	+	2	C:ISymphony/Output Data(#samplename}_Pep3D_Spectrum.bin		
	Symphony" Preview details				1	9 #collect_Merge Fractions Task	Counter	Ŧ	2	c1Symptony/Output Data(#eamplename)_Pep3D_Spectrum.bn		

In the Pipeline Builder, data processing pipelines can be easily constructed from a wide variety of tasks using a simple drag and drop.



Waters, The Science of What's Possible, and MassLynx are registered trademarks of Waters Corporation. Symphony is a trademark of Waters Corporation. All other trademarks are the property of their respective owners.

Waters Corporation

34 Maple Street Milford, MA 01757 U.S.A. T: 1 508 478 2000 F: 1 508 872 1990 www.waters.com