



**EDITORIAL CONTACT:**

James Doyle  
Symbion Systems, Inc.  
(949) 757-9300  
jdoyle@goaxiom.com

**[Announcing Symbion QT, Version 2.5, Featuring “Parametric Data Cleaning™”](#)**

TUSTIN, Calif., October 31, 2014 – [Symbion Systems, Inc.](#), a leading provider of analytical instrument control, analysis, and connectivity software for both laboratory and real-time chemical process analysis, today announced the release of Symbion QT, Version 2.5. This release is the first chemometrics software to provide Parametric Data Cleaning™, a technique which automates the handling of data compromised by excessive noise or other artifacts. Key cleaning parameters are under the control of the analyst, allowing chemometric optimization under a wide range of analytical situations. Parametric Data Cleaning provides important benefits when developing analyzer applications using near-infrared, UV-Visible, mid-infrared, and Raman spectroscopy. It is especially appropriate for high-resolution, gas-phase analysis.

Symbion QT provides analysts and technicians comprehensive capability to develop and deploy analytical methods which incorporate state of the art, multivariate chemometric methods. *QT* Model Builder's workflow approach, guides beginner and expert alike through the process of assembling the data needed to build, validate, and correctly deploy multivariate analytical solutions. The resulting calibrations are fully documented and completely suitable for deployment in mission critical areas including those subject to strict regulatory oversight. The workflow approach is based directly on the way that expert chemometricians handle these tasks. Symbion QT package has been developed from the ground up to provide a completely natural, non-intrusive development environment which frees the user to focus directly on meeting project requirements without worrying about menu trees, keystroke sequences, or software Syntax.

Symbion *QT* 2.5 is the latest member of the expanding family of software solutions for laboratory and chemical process analysis. The family includes Symbion DX and Symbion RX, which provide analysts and technicians comprehensive capability for every aspect laboratory and real time process analysis. These software products empower analysts and technicians to exploit the benefits of the Quality by Design (QbD) approach which is gaining importance for pharmaceutical PAT (Process Analytical Technology) and on-line chemical process monitoring. Symbion RTM employs multithreaded data processing to facilitate rapid deployment of analyzers capable of thirty or more analytical outputs per second.

Overall, the Symbion family of software provides a standardized platform with a common user interface which can control and integrate a wide range of spectrometers and other analytical instruments together with associated sample systems and accessories. In addition to comprehensive data manipulation, and calibration development and deployment capabilities, the software is able to seamlessly integrate with the analytical modules of numerous third party programs such as the Camo Unscrambler, Infometrix Pirouette, Fisher Thermo PLS plus IQ, and Matlab. It supports bi-directional communication with enterprise wide data infrastructure over all of the commonly deployed pipelines and protocols. This versatile, multi-instrument, multi-protocol capability is provided through a single user interface environment, eliminating the need to train operators and analysts on diverse platforms. Symbion software

allows simultaneous deployment of all of these capabilities to be deployed within a secure, locked-down environment.

[About Symbion Systems, Inc.:](#)

Symbion Systems, Inc. was founded in 2002 to develop and market standardized instrument control and data management software for the analytical instrument and process analytical industries. Symbion software is used by instrument manufacturers, OEM solution providers, systems integrators and end users to satisfy requirements ranging from basic instrument control, data collection and archiving, multivariate analysis development and deployment, and process system integration and control both in the laboratory and on line. In addition, Axiom Analytical, Inc., a sister company to Symbion Systems, Inc. relies on the Symbion software for development and implementation of comprehensive hardware and software systems for on-line process analysis.

More information about Symbion Systems, Inc. can be found at <http://www.gosymbion.com/>.