QIS HIGH FREQUENCY

Enhanced visibility of high-speed process data

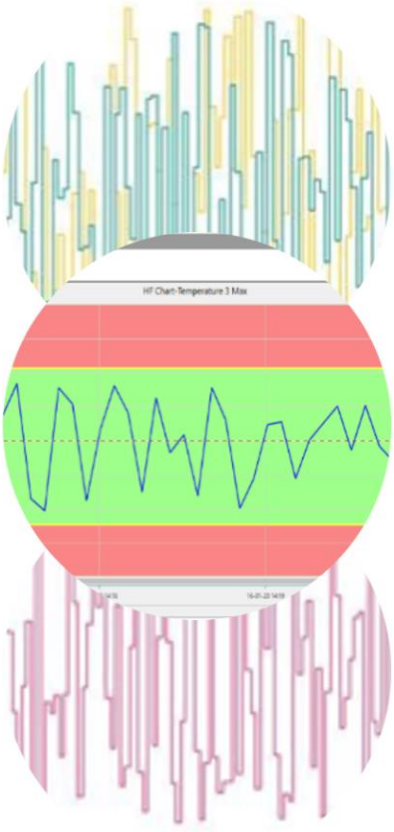
Monitoring and controlling process parameters is key to ensuring consistent manufacturing operations and the production of high-quality products. Identifying and understanding how real time variation in your process affects quality output provides a huge opportunity to reduce risk, non-compliance, and waste.

However, just capturing and visualizing high-speed process data is challenging enough but aligning that vital information to production and quality events may seem like mission impossible!

What is the solution?

QIS High Frequency enables you to capture rapidly changing time-based data outside of the standard QIS event-based structure. With the ability to handle data from multiple sources, HF is the perfect way to collect high-speed process values such as Temperature, Pressure, Speed and Flow Rates. Once captured, this vital data is instantly and automatically aligned to a standard QIS manufacturing event and can be monitored and analysed through the Real-Time Display, Technical Analysis and High Frequency Charting. Enabling users to respond to any changes in process conditions throughout a production event or across a pre-determined time-period.

- Capture hundreds of process values per event
- Ensure critical process parameters are met throughout a production event
- Align and visualize process values across an entire production event
- Scrutinize process conditions aligned to quality and performance
- Monitor multiple manufacturing processes in a single real-time display
- Display alarms and alerts if any process value falls out of specification
- Store and forward features mitigate lost connectivity
- Fast to implement, easy to manage and highly configurable



Here's the techy bit!

An OPC server is typically utilised as the conduit for connecting to and harvesting data from multiple Plant Control Systems and Programable Logic Controllers (PLC's). Data can be transferred to the High Frequency Database in two ways, using an OPC Read ProcessLink Driver or by purchasing the new QIS HF Capture Service.

The QIS HF Capture Service is specifically designed to handle higher volumes of frequently changing data. Providing improved redundancy and improved efficiency. The capture system allows more tags and more data changes to be collected. To mitigate potential network outages, the capture service provides its own local storage solution. Allowing data to be captured onsite, close to the data source and transferred to central QIS system as the connection allows.

More data, more often, more insight!

For more information contact your local representative or email support@qisoft.com