

Creating value from relevant data

So back to where we started - how to cut through the noise and get to the answers quickly is where the real value is to be found. Real time analytics are critical for event based decision making and this is where technology is a key enabler. Thanks to the sheer volume, speed, complexity and variety of data that is made available for analysis, manual intervention is problematic.

Systems support the instant retrieval and consolidation of live and historic source data. Speed and efficiency here can make the difference in being able to respond quickly to changing business conditions. Automated analysis and data validation then makes it easier to defend, explain and justify your decisions. It is then possible to find competitive advantages by:

- Identifying root causes of issues
- Reducing risks
- Determining prices that maximise profits
- Reducing costs and inventory
- Controlling processes
- Making predictions
- Keeping the whole process repeatable and sustainable with minimal intervention
- Uncovering and helping to solve complex problems

Supporting your company with the latest IT infrastructure and technologies is becoming increasingly vital as the demand for transparency, regulatory compliance and information sharing through the entire supply chain grows. As we start to hear more about the Internet of Things (IoT) and Industry 4.0, the connection between people, processes, data and things will be more in the spotlight. Getting your data strategy right now will pay dividends in the not too distant future. In fact, it could be making the difference today.



Seiki Monitoring and Shop Floor Data Collection (SFDC) modules can help companies to maintain and improve the flow of information between the top floor and the shop floor by collecting and delivering accurate, live production and manufacturing process information throughout the organisation. The result is improvements in manufacturing processes such as the flow of work in progress (W.I.P), the quality of parts produced, minimising scrap and machine downtime, and the distribution/availability of performance information.

Seiki Systems has over 20 years experience in the development and provision of real time manufacturing execution and production control systems that provide an immediate, visual and dynamic picture of the 'plan to make' production process - your strategic and operational manufacturing management solution. We specialise in software that is designed to maximise the efficiency of production equipment and plant resources by addressing the complete works order lifecycle, from top floor to shop floor. The Seiki solution comprises of a suite of modular software including real-time scheduling, DNC and paperless manufacturing, SFDC and machine performance monitoring, W.I.P tracking, performance analysis and reporting and industrial touch screen PCs.

For further information about our integrated manufacturing system or individual software modules please contact us at sales@seikisystems.co.uk or call 01273 666999

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