

# Multinational Chemicals Major: Batch Tracking

## Case Study

### Business Challenge

Rex's client has recently commissioned two high productivity and fast throughput polymer units with product being bagged and shipped to the buyer within hours of a campaign start. The functional requirement was to supply a system providing accurate and timely quality data for batches of polymer. This information was also to feed into systems supporting the Customer Supply Chain and finally be included on the Certificate of Analysis. Additionally the tool was also required to show when key quality parameters were out of specification to enable remedial action to be taken and minimise loss of revenue resulting from downgrading of product.

### The Solution

The decision to use Honeywell's Uniformance platform to deliver plant information systems had already been taken and the Batch Tracking application was selected to provide the basic product tracking functionality. A Rex consultant performed a gap analysis and formulated additional requirements ensuring that customised functionality could be seamlessly incorporated within the Uniformance framework.

Fast and accurate data highly focussed to the needs of the business makes all the difference when trying to manage an effective and fast moving Customer Supply Chain.

Rex brought its blend of technical 'know how' and industry knowledge to deliver a best in class Batch Tracking application supporting commercial business processes.

Speed of delivery and accuracy of results were of prime importance but traceability and ease of access to historical data were also paramount. Rex worked with the client's key Business, Process Control and Information Systems contacts to ensure that a credible system design was reached and that implementation and testing phases were thorough. As both plants were newly commissioned the system design was kept as flexible as possible to accommodate future changes to plant layout and changes to operating procedures.

Security concerns were also analysed and addressed as data is of a proprietary nature. In addition an interface was also developed to link to the Lab Information Management System using a generic interface mechanism which had previously been developed by Rex for the client.

### Why Rex?

Rex's long involvement with plant information systems and their particular expertise with the Uniformance suite of applications ensured that the right consultancy and technical skills were brought to bear from the outset of the project. Rex's strong relationship with the client and the ability to work well within their organisational structure ensured the timely delivery of a system that is supremely fit for purpose.

The implementation has become something of a best practice for the client in what is a challenging area in which to implement software solutions.

### About Rex

Rex is an independent Consultant and Systems integrator which delivers supply chain and manufacturing solutions to the global oil and chemical sector. Rex was established in 1983 and is headquartered in the UK. ([www.rexprocess.com](http://www.rexprocess.com))



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