

## Success Story



### SattLine controls new resins plant

With SattLine's graphical, object-oriented programming, Dynochem's plant personnel have at their fingertips a single tool for configuration of all functions within an object.

**Client:** Dynochem UK Limited  
**Location:** Phenolic Resins Production Plant, Flintshire, United Kingdom  
**Scope of Work:** SattLine System



**Dynochem UK Limited – a subsidiary of Dyno Industrier AS, Norway – has installed a SattLine automation system from ABB to control the new Phenolic Resins Production Plant at the company's Alyn Works at Mold in Flintshire. The new plant forms part of the parent company's latest expansion to enhance its international leadership in resins manufacture.**

Supplied from ABB's Northwich facility (formerly Alfa Laval Automation), the SattLine system controls two reactors, from raw material feed to finished product, and integrates SattBatch software configured to meet the plant's specific recipe requirements. The various formulations are used, for example, in the wood-working and laminates industries, foundry processes and for glass and rock wool insulation.

With SattLine's graphical, object-oriented programming language, Dynochem's new plant personnel have at their finger-tips a single tool for the configuration of all functions within an object, including graphics, operator interaction, alarm processing, control and data logging. The system comprises a SattLine SL200 CPU which integrates the reactors' controller and two Windows NT-based workstations which enable operators to enter and configure the various recipes and to work proactively with the system for process optimization and quality improvements.

The SattLine system handles the plant's 512 digital and 104 analog I/O points and incorporates a special adapter facility (RANN) which allows connection to be made to existing I/O on other parts of the site, thus saving on engineering time and on the cost of stocking new spares.