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Duerrs Jams  
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## **Denca creates PLC ‘recipe for success’ at Duerrs**

**Widnes-based industrial control technologies specialists, Denca Controls Ltd., have installed the PLC solution for Duerr’s new jam cooking plant in Wythenshawe, Manchester.**

Working closely with F. Duerr & Sons Ltd., to develop a system that fully met all operating requirements, Denca created a solution that provides enhanced recipe management as well as control of all operations from cooking through to the jar filling lines.

As part of the project, which embraced the use of Siemens S7 PLC, two I/O racks and integrated safety systems, Denca have written and verified all necessary software, completed panel builds, installed all cabling and pneumatics, considered all aspects of sequencing and fully function-tested the new system.

To minimise any impact on production of some of Britain’s leading jams, marmalades and peanut butters, all work was completed during a scheduled plant shutdown for which stock levels were built up.

“We were extremely pleased to be invited to carry out this important PLC work for Duerr’s,” comments Denca joint managing director, Alan Brennan. “As a result of the project, Duerr’s now enjoy considerably greater recipe control, enhanced recipe capability, real-time reporting and analysis as well as total product traceability throughout all cooking and filling stages.”

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## **A reputation for expertise**

Established in 1995, Denca Controls Ltd. has become renowned for delivering high quality, value-for-money solutions that enhance performance and embrace leading-edge instrumentation, electrical design and software engineering technologies. The company is renowned across numerous industrial sectors as 'the integrators of choice' and regularly secures repeat business from a wide range of organisations across the automotive, chemical, food & beverage, healthcare, pharmaceuticals and utilities industries.

Working with clients of all sizes, Denca provides process control solutions based on custom-designed, fully integrated PLC and HMI software for both mechanical and electrical operations as well as UKAS-traceable calibration and certification services. Denca is committed to the delivery of imaginative, cost-efficient control systems and process automation systems that make a positive impact on production performance.

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