

Optimal goes hybrid at CHEMUK 2021

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Optimal will have a hybrid physical and virtual presence at CHEMUK 2021 supply-chain expo. During the event, visitors will be able to learn about the company's state-of-the-art process control and quality assurance technologies for the chemical industry. Detailed technical information, key equipment as well as real-world case studies will be available during presentations, on stand E65 and on Optimal's immersive 3D virtual booths.

Taking place from 15th-16th September, CHEMUK will bring the UK's leading chemical and biochemical processing as well as product formulation businesses together. As an experienced solutions provider to these sectors, Optimal will be demonstrating how its innovative Process Analytical Technology (PAT) knowledge management platform and advanced automation systems can enhance the competitiveness of customers.

Next-level processing

Offering enhanced productivity, efficiency as well as quality and regulatory compliance, Optimal's total quality management platform, synTQ will be on show. This is a market-leading PAT solution that is used by over 60% of global pharmaceutical and biotech majors. The latest version of the software, which will be available to explore at CHEMUK, features Cloud-based functions, advanced predictive analytics as well as Digital Twin capabilities. Visitors will also be able to learn more about PAT and synTQ by attending a number of presentations held throughout the event by Optimal's leading specialists.

Automating chemical manufacturing

Optimal Industrial Automation is a leading system integration specialist with a proven track record of developing bespoke machines and implementing turnkey automation solutions for chemical, pharmaceutical and biopharmaceutical manufacturers.

During the two-day event, visitors will be able to interact with a number of automated systems and see how advanced process control can maximise product quality and improve both cycle times as well as efficiency. These technologies ultimately enhance productivity and lead to increased competitiveness for manufacturers.

Virtual experiences

Attendees will also be invited to explore Optimal's immersive 3D virtual stands. These host interactive full-scale photorealistic representations of the company's innovative automation systems and PAT solutions for the chemical and biochemical sectors.

The virtual stands will be accessible throughout the event and can be previewed any time using the following links <https://optimal-tech.co.uk/optimal/virtual-exhibition-stand/> and <https://optimal-ltd.co.uk/exhibition>

Visit Optimal on stand E65 at CHEMUK 2021, taking place from 15th-16th September at NEC, Birmingham, UK.

Image captions:



Image 1: Optimal will exhibit at the CHEMUK 2021 supply-chain expo, taking place from 15th-16th September at NEC, Birmingham, UK.

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About Optimal Industrial Automation (OIA)

Optimal Industrial Automation has more than 30 years' experience building, integrating and optimising manufacturing automation systems for challenging and highly regulated industries. Projects are typically for the pharmaceutical, life science, chemical, aerospace, green energy, food & beverage and other high-value process sectors.

The company's primary aim is to deliver measurable reductions in production costs, while finding substantial improvements in productivity, product quality and business sustainability. Part of its capability in achieving this aim is experience in the implementation of Optimal's print and inspect system product – synTI®, plus sister company Optimal Industrial Technologies' leading PAT based process management software platform synTQ.

The company employs a large technical team qualified in software, electrical, electronic, vision and control hardware disciplines. The team has built and developed individual machines and process skids to meet regulations such as FDA 21 CFR Part 210/211 – Pharmaceutical Industry GMPs, and FDA 21 CFR Part 11 – Electronic Records and Signatures. It is also ISO accredited and has years of experience working within GAMP guidelines.

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