

Immersive virtual experience to showcase key automation solutions atACHEMA 2022

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Optimal Industrial Automation will use an interactive virtual experience to highlight its advanced automation control capabilities and solutions for the process industry atACHEMA 2022. Before, during and after the event, visitors are invited to explore 3D models of key applications and learn how state-of-the-art, bespoke fully automated machines can deliver improved throughput in the processing sector.

As a leading expert in the design and integration of automation systems, Optimal Industrial Automation will showcase the advantages of Industry 4.0 and Smart manufacturing atACHEMA. It will appear alongside its sister company, Optimal Industrial Technologies, to demonstrate the benefits of Process Analytical Technology (PAT).

The automation specialist will provide its visitors with an immersive, 360° insight into Optimal's latest developments and capabilities in process control, quality assurance and serialisation with a virtual exhibition booth. In this way, attendees will have access to photorealistic, 3D renders of large pieces of equipment that would not be accessible on a physical stand. At the same time, they will be able to interact and access relevant information about the products.

The virtual environment can be previewed at Industry Expo:
<https://industryvirtualexhibition.com/show/optimal-industrial-automation/>

Back in the physical, unaugmented world of ACHEMA 2022, visitors can meet with industry experts from Optimal to discuss how bespoke automation solutions can advance their processing lines and drive competitiveness.

Visit Optimal on stand E42, hall 11.0 at ACHEMA 2022, taking place from 22nd-26th August 2022 at Messe Frankfurt, Frankfurt am Main, Germany.

To access Optimal Industrial Automation's virtual stand, visit:
<https://industryvirtualexhibition.com/show/optimal-industrial-automation/>

Image captions:



Image 1: Optimal Industrial Automation will showcase its advanced automation control capabilities and solutions for the process industry atACHEMA 2022.

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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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