

Optimal to showcase wealth of PAT benefits at leading industry events

13 February 2024

Optimal Industrial Technologies is highlighting the benefits of Process Analytical Technology (PAT) at five key international events throughout March 2024. Visitors will be able to take advantage of unique insights, access real-world case studies and learn directly from Optimal experts about effective PAT frameworks.

At each show, Optimal experts will be on hand to demonstrate how synTQ, the company's market-leading PAT knowledge management platform, helps manufacturers to consistently and quickly deliver high-quality products at reduced costs as well as discuss custom implementations.

Optimal will begin the month with a booth at the highly respected IFPAC conference, which takes place March 4th-6th in North Bethesda, MD, USA. The show is a premier forum for discussions around industrial process analysis, process knowledge and quality assurance, with presentations and talks from by some of the industry's top professionals.

Four of these will be delivered by Optimal experts on Wednesday 6th March. Jonathan Stratton, Business Development Manager, will present on 'PAT System Essentials: The Imperative Role of a PAT Knowledge Manager', showcasing how at

the core of any PAT application must lie a solid orchestration and visualisation system.

Callum Ross, Business Development Manager, will focus on the advantages of using PAT in R&D to ensure regulatory compliance and streamline quality auditing in its presentation 'The Acquisition of CFR Part 11 Compliant Data Early in the Product Lifecycle'.

Finally, Paul Gillham, Innovations Director, will discuss the operational benefits and new opportunities offered by PAT during 'Optimising Continuous Processes with a Quality-Centric Knowledge Management Infrastructure' and 'Innovations in PAT: Machine Learning and Artificial Intelligence for the Life Sciences Industry.'

After IFPAC, Optimal will head to Boston to participate in the Lab of the Future Congress USA, taking place March 11th-12th, with its colleagues within SciY, the vendor agnostic software product platform.

In Europe, Optimal are exhibiting at the Bioprocessing Summit Europe from 19th-21st March in Barcelona. The three-day summit brings together more than 750 top bioprocessing professionals to share insights into the manufacturing, quality and control of biological and genetic therapies. Attendees will be able to learn more about the latest advances in PAT and synTQ to advance bioprocessing, enhancing product quality, consistency and efficiency, by attending Business Development Manager, Michael Sachpekidis' presentation on 19th March at 12:15.

Meanwhile, at the CPAC Rome Meeting 2024, from March 18th-20th, Paul Gillham will be presenting on the topic 'The Application of PAT and Advanced Instrumentation to Support R&D, Manufacturing and the Circular Economy'.

Optimal will round out the month at the CCP Summit 2024, taking place from 26th-28th March. Held in Boston, MA, USA, the summit focuses on continuous processing in the pharmaceuticals sector. During the event, the company will demonstrate how PAT represents an enabling technology that helps manufacturers efficiently move from batch processing to continuous processing.

Chris Vickers, Global Sales Manager at Optimal Industrial Technologies, says: “The adoption of PAT is crucial to help companies remain competitive in the modern pharmaceuticals market, and can deliver a fast, tangible return on investment.

“As leading experts in value-adding PAT applications, we look forward to being able to demonstrate the benefits of both the technology and our synTQ platform at so many in-person events and to connect with our valued partners and users.”

Visit Optimal at:

- **IFPAC, taking place from 4th-6th March at Bethesda North Marriott, North Bethesda, MD, USA: <https://ifpacglobal.org/>**
- **The Lab of the Future Congress from March 11-12th March at the Hilton Boston Park Plaza, Boston, MA, USA: <https://www.lab-of-the-future.com/USA/>**
- **CPAC Rome Meeting 2024 from March 18th-20th at the University of Washington Rome Center, Rome, Italy: <http://mkcontrol.com/rome-meeting-2024.html>**
- **Bioprocessing Summit Europe, taking place 19th-21st March at InterContinental Barcelona, Barcelona, Spain: <https://www.bioprocessingeurope.com/>**
- **The CCP Summit, taking place from March 26th-28th at Hilton Boston Back Bay, Boston, MA, USA: <https://continuous-processing-pharma.com/>**

Image captions:



Image 1: Optimal is highlighting the benefits of Process Analytical Technology (PAT) and synTQ at five key international events throughout March 2024.

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About Optimal Industrial Technologies Ltd

Within the Optimal group, we have more than 30 years' experience in the automation and optimisation of control and data management systems for the food, chemical, pharmaceutical, biotech, life science and other process industries.

The demands being placed on manufacturers in relation to getting products to market sooner, minimising development and production costs together with increasing product quality and business sustainability are ever increasing. Our primary aim is to deliver measurable improvements in all these target areas.

In addition to practical automation and system integration expertise, Optimal Industrial Technologies has also developed the world-leading PAT Knowledge Management software platform – synTQ® – which is used by over 60% of the world's leading pharmaceutical and biotech companies, and is now being adopted by other process industries. synTQ has been a proven enabler of QbD via PAT by significantly increasing productivity and quality, while reducing waste, time to manufacture and time to market for batch and continuous processes.

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