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Agilent acquires Sigsense, creator of AI-enabled lab operations technology

29 July 2024 | News

Technology helps high-throughput labs operate more efficiently



Agilent Technologies Inc. has acquired Sigsense Technologies, a US-based startup that uses artificial intelligence (AI) and power monitoring to help optimise lab operations. Financial terms of the acquisition were not disclosed.

Sigsense technology is already available to Agilent customers through CrossLab Connect, a suite of digital applications such as inventory management, service management, asset monitoring, smart alerts, and asset lifecycle analytics, that improve lab performance.

Integrated into the Agilent CrossLab Connect asset monitoring solution, Sigsense's algorithm tracks instrument utilisation and status across all scientific assets, regardless of vendor or manufacturer. The operational insights collected from the technology alert lab managers of assets that are underperforming and how to optimize them.

Asset monitoring is particularly important for commercial labs with large instrument fleets, intense testing schedules, and quick turnaround times.

CrossLab Connect monitors a wide range of instruments, including chromatography, mass spectrometry, spectroscopy, liquid handlers and plate readers, flow cytometry, centrifuges, NMR, sequencers, PCR, and more.

With this transaction, Sigsense employees, IP, and assets are now part of the Agilent CrossLab Group.