Wrapping up cloud-based improvements in global food and drug packaging

"Using the SAP® Leonardo digital innovation system as a foundation, Deloitte helped us launch an innovative pilot project for connected machines—enabling us to move rapidly during technology implementation, thanks to an agile approach for addressing any project or business issues."

—Pier Luigi Vanti
   Chief Information Officer, IMA

QUICK STATS

- Year established: 1961
- HQ in: Ozzano dell'Emilia, Bologna, Italy
- Manufacturing sites: 45
- Employees: 6,000

THE ISSUE

IMA, a leading global manufacturer of machines that process and package pharmaceuticals and food and tobacco products, sought to use cloud architecture to improve asset availability, effectiveness, and maintenance in its equipment.

THE SOLUTION

With help from ABO Data, now part of Deloitte, IMA used SAP Leonardo capabilities to activate high-value-added IoT services that allow it to collect data from its machines and remotely monitor production, manage service, and predict maintenance needs. Supported by a centralized control room, the solution allows IMA to monitor its machines in real time, both locally and in the cloud, while gathering insights and data.

SAP technologies leveraged

SAP Leonardo IoT

SAP ERP

SAP UI5 dashboard

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THE IMPACT

- Project paved the way for new business models and new maintenance services

- Greater remote management and control of owned assets

- Field data provides insights to R&D and helps direct better asset use

- Users experience reduced outages and downtime along with greater cost flexibility

- Preventive maintenance based on time or operational cycles

- Remote condition monitoring, pattern identification, and use-based and event-based analytics KPIs helped drive a shift from reactive to proactive intervention