

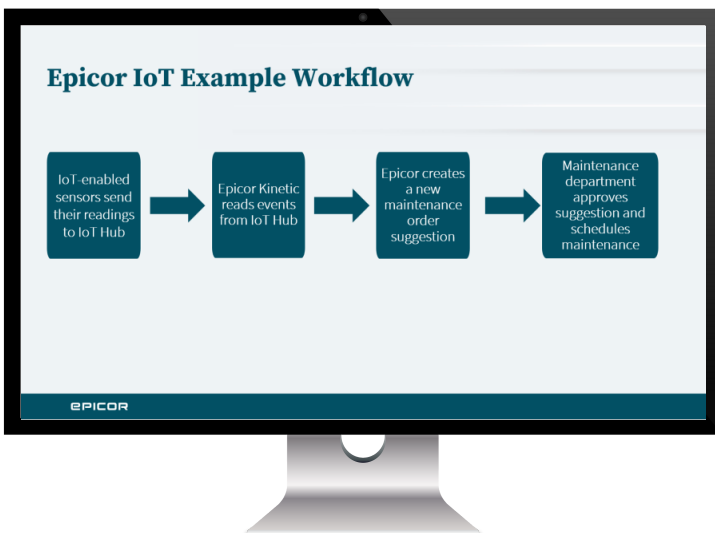
Epicor IoT

Utilize the Power of Smart Machines and Smart Sensors

Connect Your Factory

Epicor IoT is a module of Epicor Kinetic integrated with the Microsoft® Azure IoT Hub which can be used to monitor and visualize data from sensors and smart machines. Epicor IoT leverages the power of Microsoft Azure IoT Hub with the context and in-depth production data of Epicor Kinetic to achieve new levels of operational efficiency through more intelligent insights into the production and day-to-day activities of your enterprise.

Epicor IoT can monitor equipment, assets, environmental factors, inventory locations, and even intelligent products from Epicor (cloud or on-premise deployments) and their corresponding IoT data. Events and data (such as sensor and machine telemetry) flow into the IoT hub. From there that data propagates to the IoT module of Kinetic. The Kinetic IoT Module has an advanced rule-based engine that is able to detect patterns and raise alerts and notifications that propagate into Kinetic where they can be used to trigger business process changes (for example raising a maintenance suggestion when equipment degradation is detected).



Epicor Kinetic

Benefits

Improved Visibility

Empowered workforce able to make decisions with accurate and real-time information

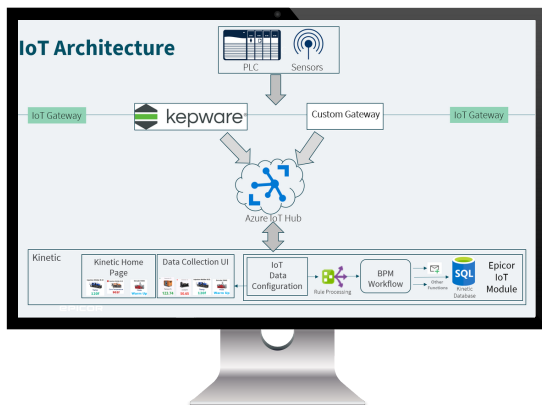
More accurate KPI's by capturing data in an automatic fashion instead of relying on human interaction.

Increased productivity by automating data collection and identifying issues early

Increased customer satisfaction

Increased efficiencies and lower costs

Epicor IoT Architecture



Use Cases

Use Epicor IoT to capture almost any business case that has value to your business. Some common examples include:

- Pre-emptive maintenance - having sensors on equipment that help alert you when maintenance might be required. Some sensor examples may be fluid levels, vibrations, pressures.
- Machine state - is a machine running or is it down. Visualize the down machine within Epicor and send alerts if the machine has been down for more than x amount of minutes.

- Condition monitoring - understand if a machine is running out of tolerance based on an acceptable range of values.
- Environmental monitoring - alerting when environmental conditions are not optimal for example in food and pharmaceutical storage or perhaps in your server room.
- Remote asset monitoring- perhaps you want to monitor certain parameters on assets that you sell so you can provide better maintenance.
- Inventory tracking - track the location of expensive components

Key Features

- Have Internet of Things data, fully driven and controlled by industry leading ERP solution
- Anticipate and pre-empt equipment and production degradation through a rule-based alert system
- Monitor Kinetic statuses, such as job scheduling vs actual data, stock adherence to safety limits, resource usage, and others
- Reduce manual data entry and improve labor costs by utilizing automation to enable workers to focus on creative and problem-solving tasks
- Connect to any compliant sensor or actuator
- Automate the collection of important data

EPICOR

We're here for the hard-working businesses that keep the world turning. They're the companies who make, deliver, and sell the things we all need. They trust Epicor to help them do business better. Their industries are our industries, and we understand them better than anyone. By working hand-in-hand with our customers, we get to know their business almost as well as they do. Our innovative solution sets are carefully curated to fit their needs, and built to respond flexibly to their fast-changing reality. We accelerate every customer's ambitions, whether to grow and transform, or simply become more productive and effective. That's what makes us the essential partners for the world's most essential businesses.

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