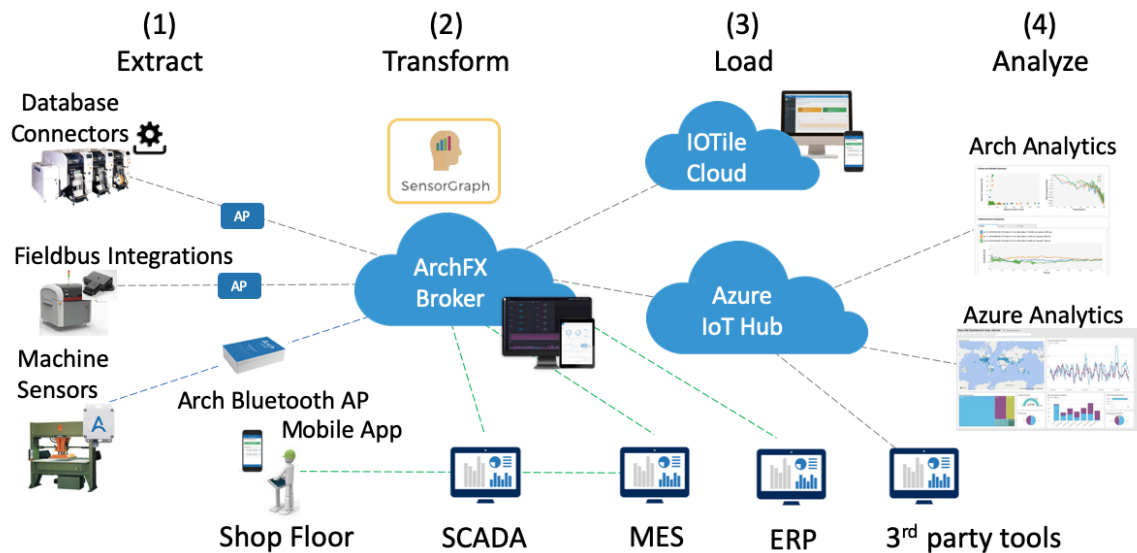# Arch

The Arch® Factory Exchange Broker for the first time makes it easy to get data from any manufacturing machine in the world, normalize it, and securely move the data to Microsoft® Azure. Build machine learning and artificial intelligence applications for predictive analytics to optimize your factory operations and derive competitive advantage.

Arch database connectors and sensors make it easy to quickly instrument any machine—including legacy machines—to gather data on machine cycles, quality testing results, environmental data, and more. The Arch FX Broker can run on-premise, normalize data, and securely transfer data into Microsoft Azure, or it can run in Microsoft Azure and normalize incoming data from any source.

The Arch FX Broker integrates with Azure IoT Hub to support advanced enterprise IoT messaging infrastructures. It can work with your existing manufacturing execution system and ERP solution.

The Arch FX Broker can also securely federate data across suppliers, contract manufacturers, and original equipment manufacturers to provide the secure visibility into production and quality processes that world-class brands demand today.

Arch Systems provides out-of-the-box analytics that monitor key performance indicators like throughput, machine utilization, line utilization, and optimal equipment effectiveness. Save money by automating KPI report generation and win new customers by proving that your manufacturing processes are continuously operating at your committed production and quality levels. Use our open APIs to develop custom application-specific analytics and enhance your competitive edge.

Email info@archsys.io today to learn more about how the Arch Factory Exchange Broker can keep your factory at the cutting edge.