Case Study
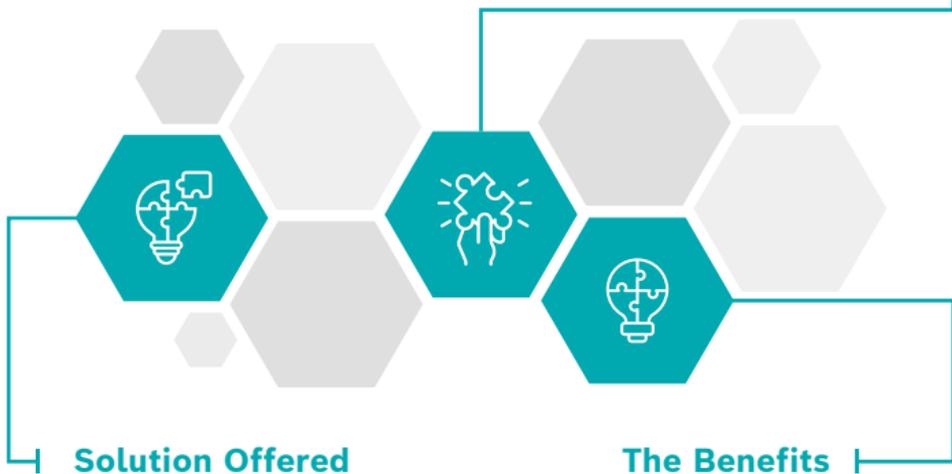
Phantom Connected Machines

Customer Challenges

- ▶ Absence of a highly available and scalable solution for real-time, non-intrusive monitoring of machine status and key metrics (OEE, Availability, Performance, Quality/Yield, Part count)

- ▶ Lower capex for one-time onboarding per machine

- ▶ Faster deployment of new features and continuous improvements

Solution Offered

- ▶ AWS IoT based architecture with data ingestion from sensors to cloud and processing

- ▶ Continuous deployment pipeline for application as well as infrastructure builds

- ▶ IoT Security for device communication and storage encryption

- ▶ Proactive maintenance post-deployment for quick mitigation of incidents

The Benefits

- ▶ Single-pane-of-a-glass view for real-time machine status

- ▶ ~30% reduction in capex for on-boarding new machines

- ▶ Continuous improvement with regular addition of new features and capabilities