**BOSCH INDUS 4.0**

**A Lite IIoT platform**

Modular, cloud / on-premises offering that offers pre-configured apps to address a broad range of manufacturing functionalities encompassing Production, Quality and Maintenance. It can also be customized to suit specific client requirements.

**Key USPs**

- **Modular**
  - Enables clients to choose modules that are important to their manufacturing context.
- **Scalable**
  - Enables the customer to quickly scale to multiple machines, across lines and stations with minimum incremental efforts.
- **Pre-configured**
  - Provides client to leverage Bosch’s experience in discrete manufacturing by utilizing Ready Manufacturing apps which have been deployed, tested and optimized in multiple Bosch plants.
- **Light**
  - Non monolithic architecture. Provides faster deployment and performance.
- **Quick ROI**
  - Plug and play system makes it quicker to deploy relevant apps and evaluate ROI.

**Solution Overview**

Indus 4.0 solution suite comprises of a robust asset connectivity layer and a modular Industry 4.0 applications layer.

**Benefits**

Sample key benefits delivered by Bosch Indus 4.0 in client deployments

- **20% to 25%** productivity improvement
- **15% to 20%** asset downtime reduction
- **2% - 8%** improvement in FPY
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**Connectivity Layer**

Bosch DeviceBridge acquires status and performance data from a wide variety of Machines, Controllers, Equipments and disparate data sources on the shop-floor using its extensive library of industrial drivers. It performs smart data processing operations and sends data seamlessly to upstream Industry 4.0 applications.

**Applications Layer**

Comprises of a broad range of pre-configured applications that share a common connectivity and configuration layer.

These include

- **Bosch Production Visualizer (BPV):** Real-time Production KPI Visualization like OEE/OLE, etc.
- **Bosch Quality Assist (BQA):** Real-time quality monitoring and alerts.
- **Maintenance Management:** A comprehensive maintenance management app.
- **Smart Manpower Planning (SMP):** Man power planning based on Skill & Machine availability.

**CONTACT**

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