

INTERNET OF THINGS BASED DEVICE MANAGEMENT SOFTWARE



Smart city infrastructure Transportation

Retail Road construction

Manufacturing Entertainment

Building life supporting infrastructure Agriculture



PSS.Platform

- ⚙️ OPC Unified Architecture Specifications
- ⚙️ MQTT and AMQP Messaging Protocols
- ⚙️ Modbus Communication Protocols
- ⚙️ Real Time Analytics with MongoDB

PSS.Platform drives innovation and transforms business across various industries

Analytics & reporting: performs a range of complex analysis from basic data clustering and deep machine learning to predictive analytics extracting the most value out of the IoT data-stream. The analytics & reporting module includes Data Mining and Exploration, Statistical Process Control, Predictive Modeling, Machine Learning, Metrics and KPIs, Geospatial, Visualization, etc.

Connectivity: brings different protocols and different data formats into one software interface ensuring accurate data streaming and interaction with all devices.

Device management: ensures the connected devices work properly, seamlessly running patches and software updates, applications running on the device or edge gateways.

Processing & action management: brings data to life with rule-based event-action-triggers enabling execution of smart actions based on specific sensor data. The Group Policy Management console provides the possibility to configure customized settings for any selected group of devices.

Database: scalable storage of device data brings the requirements for hybrid cloud-based databases to a new level in terms of data volume, variety, velocity and veracity.

Interaction gateways: integrate with 3rd-party systems and the rest of the wider IT-ecosystem via built-in application programming interfaces (API), software development kits (SDK), and gateways.

✉ info@itpss.ru

🌐 itpss.ru

Components of PSS.Platform Device Management System

