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**InfraKnit**

**Product Datasheet**

# TSCADA

**InfraKnit TSCADA** is an industrial monitoring & automation platform that is an out-of-box solution for rapidly creating monitoring profiles and control of systems in Metro and Railways.

Our **TSCADA** is a perfect choice for Small to Large, Standalone or Distributed, Airports, Factories, Complex Industrial Automation Systems, Transit Systems, Metro's, and Railways. Our Digitization Platform for infrastructures are digitally connected, and data insights will be centralized with control over the parameters.

You decide on What to monitor and What to prioritize.

Whether you are interested in only monitoring the Facility/MEP or want to control or automate the processes via Operations Management Systems, we cover you from all the corners of the metro-rail infrastructure. We will provide you Web-based secure Console to connect, monitor, and operate your facility efficiently. We offer you a connected Management experience.

Currently, our platform supports on-premises server-based deployment, and the roadmap will cover embedded computers and, on the cloud deployments.

## Software Specifications-

**Our Key Features includes everything you want-**

- Unified Dashboard with RBAC
- Fault Management
- Performance Management
- Standalone & Distributed Models
- Facility/MEP Asset Inventory
- Support for Hard Interface IO Expansion
- Support for Industry Interfaces: RS232, RS485, RJ45, AI/AO, DI/DO, NO/NC, RF, IoT.
- Support for Industry Protocols: Modbus, BACnet, Profinet, MBus, DLMS, DNP3, IEC, OPC, ASCII, SQL, SNMP, Web Services like HTTP/S, XML/SOAP, REST, CLI & Custom.
- Supports Facility/MEP Modules/Systems:
  - Energy (Electrical Panels, UPS, DG, Energy Meters, CT)
  - Cooling (HVAC, Chillers, VRV, AHU)
  - Safe & Security (CCTV, Access Control, Fire Alarm, Fire Suppression)
  - Fuel (Tanks)
  - Pumps
  - Sensors (Temperature, Humidity, CO2, NO2, SO2, Water Leak)
  - Rodent Repellent
  - PIDS, PAS, PBX, EPAPX
  - Radio, TETRA, Signaling Monitoring
- Capacity Insights,
- Resource Forecasting & Predictions
- Root-cause Analysis & Visuals
- Built-in Symbols Library
- Event Console with Threshold & Alarms
- Notification Manager (SMS, eMail, IVR)
- Incident Ticketing
- SLA Management
- Interactive Charts & Graphs
- Reports Library
- Long-term Data Archival & Maintenance
- Modular Plug-ins for 3rd Party Monitoring
- API SDK for Northbound Southbound Integration
- Customization & Development of Symbols & Models for Visualizations
- Professional Customization Services

## Hardware or Virtual Host Specifications-

*Recommended:* Intel Xeon 3.0Ghz Quad Processor, 64GB RAM, 1TB Storage, 1Gbps Network Interface.

* Optional Modules for Base Product. To be Purchased Separately.