InfraKnit

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Product Datasheet

Smart DCIM

InfraKnit Smart Datacenter Infrastructure Management System (Smart DCIM) is a compact and standardized fit-in unit for Smart Racks and Enclosure-based systems. The solution is an out-of-box product for rapid deployment for monitoring Rackspace elements.

Our **Smart DCIM** is a perfect choice for Smart Rack with **2, 4, 6, 8, 10,** or **15** racks in an enclosure or sets. The unit can integrate with industry standard interfaces and protocols without any external boards or controllers. Our professional services team will deliver all the deployment and integration services for you.

Harnessing the power of Web 2.0 and strong security, our Smart DCIM is the most powerful, feature rich and easy to use product for any Infrastructure owner. DCIM monitoring will be a breeze with real-time health status of the systems, intuitive dashboards, color-coded graphs and charts, pre-defined and user-defined data filtering, and out-of-box useful reports. The operators can easily pin-point real cause of the problems, the faults, and maintain Availability of Resources. Our DCIM comes with integrated Ticketing and Notifications for hassle-free helpdesk experience without any overhead of additional software.

We are here to solve your Datacenter problems with Modular yet comprehensive Smart DCIM product.

Software Specifications-

Our Key Features includes everything you want-

- Unified Web-based Secure Dashboard with RBAC
- Fault Management
- Performance Management
- Standalone & *Distributed Models
- *Centralized Monitoring of Distributed Setups
- Rack Asset Inventory
- Support for Industry Interfaces: RS232, RS485, RJ45, AI/AO, DI/DO, NO/NC, RF, IoT.
- Support for Industry Protocols: Modbus, BACnet, IP, TCP, UDP, SNMP, OPC, ASCII, SQL, SNMP, Web Services like HTTP/S, XML/SOAP, REST, CLI & Custom.
- **In-Rack Monitoring:**
  - Power (iPDU, UPS)
  - Cooling (PAC)
  - Safe & Security (CCTV, Access Door)
  - Fire Alarm
  - Fire Suppression
  - Sensors (Temperature, Humidity, CO2, NO2, SO2)
  - Water Leak Detection
  - Rodent Repellent Detection
- IT System Monitoring (*Server, *Network, *Storage, *Firewall, *Virtual)
- Rackspace Capacity Insights
- *Resource Forecasting & Predictions
- Root-cause Analysis & Visuals
- Event Console with Threshold & Alarms
- Notification Manager (SMS, eMail, IVR)
- Incident Ticketing
- *SLA Management
- Realtime Interactive Charts & Graphs
- Out-of-box Reports
- Long-term Data Archival & Maintenance
- *Modular Plug-ins for Future Monitoring
- *Professional Customization & Development Services for Dashboard, Visualization & Reports

Hardware Specifications-

Pre-build and Pre-packaged Compact Hardware Unit with expandable IO Bus.

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