

GFS CRANE

The Complete DCIM



Data Center Facilities & IT Power Management

Data Center Environment Management

Data Center Asset Management

Data Center Capacity Planning and Forecasting

Data Center Incident and Alarm Management

Data Center Operational Analytics and Metrics

Built on Industrial IoT principles, GFS Crane DCIM comes with multi-protocol support, such as **BACnet/IP**, **MODBUS/TCP**, **SNMP** and **WMI**. This allows measuring power consumption and environmental parameters from devices and sensors from different vendors. Integration to MODBUS devices without BMS reduces Total Cost of Ownership, providing better ROI and faster payback for GFS Crane DCIM implementations.



GFS Crane DCIM helps Data Center Managers mitigate risks of Data Center failures, control capital expenditures and reduce operating expenses.

Besides DCIM Software, GFS offers Data Center Assessment Services for Power, Cooling, Thermal Mapping and Asset Life cycle.

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Data Center Facilities & IT Power Management

- HT/LT Transformers & Switch Gears
- Diesel Generator Sets
- Electrical Feeder Panels
- UPS & Rectifiers
- Floor, Row & Rack PDUs
- HVACs & Chillers
- Calculates Multi-Level PUE

Data Center Environment Management

- Temperature & Humidity (Room and Rack)
- Rack Thermal Mapping
- Cold & Hot Aisle Depiction on 2D/3D Layouts
- Return & Supply Air Temperature of PAC Units
- Differential Pressure
- Air Quality & Emission Reporting

Data Center Asset Management

- Discovers all Intelligent Assets
- Creates Asset Database (IT & Facilities)
- Draws Power Chain: Power Source to Rack
- Maps Static Attributes from Built-in GFS Manufacturer Repository (OEM Library)
- Tracks Unrecorded Changes in Asset Configuration

Data Center Capacity Planning and Forecasting

- Base-lining Resource Capacity & Usage
- Freeing up Stranded Resources
- Forecasting Future Capacity Needs
- What-if Analysis & Modeling
- Workflow Based Provisioning

Data Center Incident and Alarm Management

- Multi-level alert settings for devices & parameters
- Alerts sent as SMS, email & to 3rd party ticketing tool
- Live status of devices & alerts displayed on Power Chain
- Consolidated Dashboard for different types of Alarms
- Open/Close Alarm status on Dashboard

Data Center Operational Analytics and Metrics

- Dashboard on Metrics: PUE, Space Utilization
- Device-wise Uptime Analysis

