GFS CRANE

The Complete DCIM

GFS Crane — Cost Savings | Energy Optimization

- Data Center Monitoring & Alerts
- Data Center Power & Environment Management
- Data Center Asset Lifecycle Management
- Data Center Capacity Planning and Forecasting
- Data Center Change 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 and SNMP**. This allows measuring power consumption and environmental parameters from devices and sensors from different vendors. Besides Monitoring & Alerts, GFS Crane DCIM provides complete suite for Data Center Operations, Management and Planning. Fast to implement and easy to use, GFS Crane DCIM delivers a rapid ROI.

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

Besides DCIM, GFS offers Data Center Energy Analytics Software, GFS Crane Miner.

greenfield software — Cost Savings | Energy Optimization

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Data Center Monitoring & Alerts

- Configuration cockpits for device monitoring
- Automated asset discovery
- 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 Power & Environment Management

- Power Chain
- Multi-level PUE
- Color-coded Rack Thermal Mapping
- Cold & Hot Aisle Depiction on 2D/3D Layouts
- Return & Supply Air Temperature of PAC Units
- Air Quality & Emission Reporting

Data Center Asset Lifecycle Management

- Creates Asset Database (IT & Facilities)
- Maps assets by owners/customers and locations
- Asset Relationship Mapping
- 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 & Modelling
- Workflow Based Provisioning

Data Center Change Management

- Workflow Based Move-Add-Change
- Audit trail of Changes
- Impact of a Change

Data Center Operational Analytics and Metrics

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