Data Center Infrastructure Management (DCIM)

Data Center Infrastructure Management (DCIM) is a new genus of software of PrismERP that comes with tools which enables data center operators to conduct their operations more efficiently and improve the overall planning and design of their data center infrastructure.

When a ERP system is covering all important aspects of a DCIM center - Power, Capacity, Environment, Energy, it increases the ability of operators to identify, locate, visualize, and manage all physical data center assets, and its automatically reduces the cost, labor effort and save the time.

DCIM software is like a bridge of information across organizational territories such as Data Center Operations, Facility infrastructure components-Power distribution units and Computer room air conditioners, Manpower and IT-related equipment (servers, storage and network switches).

The software will give a complete visual tour of what is happening in the Data center and one can control all the activities. The visual information on the equipment in the data center reduces troubleshooting time and also reduces physical visits to the Data Center.

Data Center Management	IT Asset Provisioning	ITSM Integration	Audit & Compliance	CMDB Maintenance

Modules

Data Center Location Management

Manage data centers located worldwide with a hierarchical view of all the locations with all assets of a data center for better planning and easy accessibility. Data centers can further be drilled down by region, country, building, floor, room.

Power Management

Provides visibility of overall power drwar of all equipment in the data center. It also provides alerts on how much power is available & consumed.

Rack Management

A data center rack is a type of physical steel and electronic framework that is designed according to servers, networking devices, cables and other data center computing equipment. A rack contains such information, General information, Operational Information, Network Ports, Ownership Details, Hosts, Related Assets, Warranty, Maintenance Schedules, Equipment Configurations, Power supply.

Asset Management

Allows easy maintenance of the centralized database. A centralized database enables accurate record keeping and processes so no need to use spreadsheets or homegrown tools. This module records all servers information and each server will have information like- Asset name, serial number, tag etc, Ownership & Hosts details, Schedules, Card Connection Details, KVM Switch Connection, Asset Mount Information, Asset Location etc.

Device Assembling/ Reassembling

Each device can be further breakdown into each individual components. This will provide maintenance history with component details. Actually this module made the work easier through its history keeping feature so that if any device or component needs to be replaced or a new device is added or assembled, every detail can be tracked down with a list.

Server Inventory Management

Keeping a complete record of detailed information about all servers maintained & used in a Data center such as : Information of Service Provider/Colocation Service, Clients Information, Server ID, Server Name, Assembling information & history. Track each item like RAM & HDD & CPU Core.

Room Viewer

Extensive graphical representation of the entire room in a single dashboard. In this Room viewer DCIM operator can see all the assets exist in the room and can manage several activities. The room designer will have a blank canvas to Drag and Drop various data center objects and plan the data center layout, can add different modules in to the room and also allocate devices in the room. Leveraging the tool they can further resize, reshape and relocate objects and then save the layout representing the physical layout.

Service Billing Integration

Service Billing Integration provides an overview of all the customer services running on the asset. Alternatively because of device integration we can see on which device the service is running. Through this module the Data center operator can easily specify each customer's allocated devices and their running services and will give a clear view of accessibility of both sides.

SSL Certificate Management

Track all certificates installed throughout the infrastructure with details like Certification ID, Certification Creation includes- Name, Start Date, End Date, & Vendor, ServerID, Service ID, & Description and get proper notifications of their expiry.

Benefits

- ✓ Improve Uptime
- ✓ Change Management
- ✓ Energy Management
- ✓ Power Monitoring System
- ✓ Increase Data Center Operational Efficiency
- ✓ Environmental Monitoring
- ✓ Escalated Productivity
- ✓ Multiple Visualization
- ✓ Upgraded Data Center Design
- ✓ Improve Capacity Planning & Utilization

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