Data Center Infrastructure Management (DCIM) For Colocation Service Providers

Key Highlights:

Asset Management
- Maintenance, lease, and configuration information
- Unlimited custom fields to track any attribute
- Models library with over 40,000 templates across 450 manufacturers

Capacity Management
- Power, space, cooling, and connectors
- Search for and reserve capacity
- Find stranded power, space, and cooling capacity

Change Management
- Workflow for change requests
- Request approvals, status, and history
- Connect to ticketing and CMDB systems

Connectivity Management
- Build power and data circuits, including structured cabling
- Visual trace routes of port-level power and network paths
- Validation for physical connections and media types

3D Visualization
- 3D color-coded overlays show power, cooling, and capacity data
- Drilldown from floor map view to contents inside cabinets
- Thermal and pressure maps with time-lapse video

BI & Analytics
- Over 100 preconfigured chart widgets
- Filter, print, and export raw data to CSV and PDF
- Support for custom SQL and HTML widgets

> **"*From an ROI perspective, it's massive for us. We're getting 40% more usage out of our facilities and power sources.*"**
>
> Michael Piers, Senior Manager DCIM/Tools, **Comcast**

Differentiate Your Colo Offerings with the World's Best DCIM

Organizations are increasingly moving their data center infrastructure to colo providers. However, this often leads to unique infrastructure management challenges. Tenants struggle to manage their colo infrastructure remotely, provide accurate work orders to remote hands, gain visibility into data center assets, power, and environment conditions, and maximize utilization of infrastructure without introducing risk.

There is an enormous opportunity for colo providers who can find new ways to better meet the needs of their tenants. To attract new business, retain existing customers, differentiate, and provide additional value, operators need to help customers achieve their goals to solidify renewals and expansions.

Set your brand apart from the competition and build value added services by offering your customers Sunbird's world-leading Data Center Infrastructure Management (DCIM) software. Sunbird makes it easy for your customers to remotely manage and monitor all their colo infrastructure in order to maintain uptime, increase efficiency, and improve productivity.

Remote Colo Infrastructure Management

- Moves, Adds, and Changes Made Easy -- Customers can issue detailed work orders to remote hands and monitor their status (e.g., rack and stack, break/fix, provisioning, decommissioning, spares/parts replacement, power/network physical connectivity, etc.)

- Capacity Management on Steroids – Help your customers better utilize space, power, and cooling capacity within their space via color-coded 3D floor map reports, dashboards, and automated capacity planning.

- Centralized Security Management – Reporting, audit logs, and surveillance feeds allow tenants to monitor the security of their cages and racks with electronic door locks and remote control. Tenants can only see racks, cages, or individual pieces of equipment as assigned.

Transparency & Visibility into All Colo Resources & Conditions

- Power Monitoring in a Single Pane of Glass – Dashboards, reports, trends, utilization rates, power balancing, and alerts make it easy for your customers to maintain uptime and redundancy.

- Environment Monitoring – Tenants can visualize, monitor, trend, and alert on all temperature, humidity, and other environment sensors to see hot spots at a glance, avoid overcooling, stay within ASHRAE guidelines, and save money.

- Spares and Parts Management – Help customers keep their spares and parts inventory up to date.

- Drive Energy Efficient Behavior – Enable customers to see billing based on actual power usage.
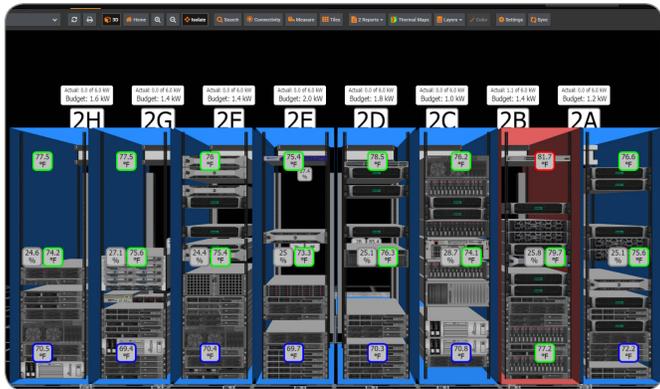
More Productive and Efficient Colo Operations

- Automation via Integration – Integrate into other operational systems via standard APIs to drive colo operations productivity and efficiency.

- Remote 3D Visualizations – Enable your sales and operations teams to see colo inventory (e.g., available power vs. sold vs. actual usage, available cooling capacity vs. consumed, available space vs. sold, cross connects, port inventory, etc.) and provide virtual demonstrations of cages and suites.

- Plan for the Future – New tenant resource requirements can be reserved for a future date and the built-in work order and project management system can automate workflow to reduce delays and bottlenecks.

Sunbird® DCIM that's easy, fast, and complete

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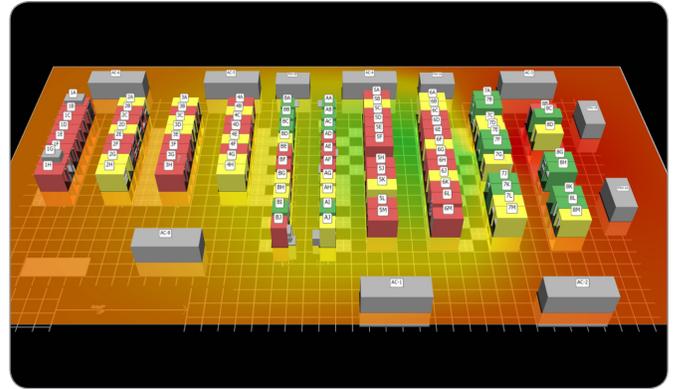
3D Visualization of Cabinets and Rows

Customers can remotely visualize cabinet and row elevations as they are standing in front of them. Easily see cabinet contents including name, make, model, and status. Monitor configurable thresholds for space, power, and cooling with the ability to see near real-time readings for power, temperature, and humidity.

Thermal/Pressure Time-Lapse Video

Like weather radar for your data center. Customers can easily see hot spots and air pressure trends across multiple planes. Floor map overlays display temperature and pressure changes based on user-defined time periods so customers can save money and address issues before they become problems.

Capacity Management Dashboard

Provides real-time resource utilization data for better power, space, cooling, and port capacity planning. Tenants can quickly see how much capacity they're using and, more importantly, how much is available.

Stranded Power Capacity Dashboard

Customers can easily find their available and stranded power capacity by correlating real-time measured load and planning information. Help tenants save on capital expenditures by using stranded power capacity, which enables them to confidently defer new cabinet buildouts.

Call 732.993.4476 or visit SunbirdDCIM.com

Sunbird Software is changing the way data centers are being managed. With a focus on real user scenarios for real customer problems, we help data center operators manage tasks and processes faster and more efficiently than ever before, while saving costs and improving availability. We strive to eliminate the complexity they have been forced to accept from point tools and home grown applications, removing the dependency on emails and spreadsheets to transform the delivery of data center services. Sunbird delivers on this commitment with unexpected simplicity through products that are easy to find, buy, deploy, use, and maintain. Our solutions are rooted in our deep connections with our customers who share best practices and participate in our user groups and product development process.

Based in Piscataway, NJ, Sunbird serves over 1,850 DCIM customers worldwide. For more information, please visit SunbirdDCIM.com.

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