



# Integrate and Automate with Sunbird DCIM

## Key Customer Quotes

- *"From an ROI perspective, [Auto Power Budget is] massive for us. We're getting 40% more usage out of our facilities and power sources."*



Michael Piers,  
Senior Manager  
DCIM/Tools

- *"A cabinet... is a about \$10,000 to us. So just for this very project... [Auto Power Budget provides] a cost avoidance of about \$120,000. It's pretty significant. It's one of those nice things you like to raise up to your directors or senior managers."*



Ken Torres,  
Global Data  
Center Engineer

- *"Using the API, we're able to poll our existing racks, see where we have space available, and assign that space automatically to a customer order via our website so they can send in their equipment... Using the API, our team can utilize the same workflow we had in place before, but we're getting all the benefits of DCIM and being able to view our data center remotely."*



Robert Perkins,  
Lead Infra.  
Eng./Architect

## Automation via Integration is Key to Our 2nd Gen DCIM Vision

Legacy data center management tools like first-generation Data Center Infrastructure Management (DCIM) software, Excel, and Visio create more pain than value. They require excessive manual data entry and data is often siloed in disparate databases. These "solutions" are not only time-consuming, but often lead to inaccurate data that is often not trusted.

Sunbird's second-generation DCIM vision is to radically simplify data center management with elegant software. Automation via integration is one of the key pillars that achieves this vision. Modern data center managers need to integrate systems and automate data center operations to save time, save money, and ensure data is accurate.

## Integration That Enables a Single Source of Truth

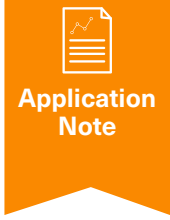
- ServiceNow® Certified App – Enables bidirectional communications to automatically create, update, and delete items.
- UniversalConnector G2 – Enables bidirectional communications with multiple systems simultaneously to automatically create, update, and delete items, ports, VMs, and circuits.
- VMware Connector – Enables bidirectional communications to create and update clusters, hosts, and virtual machines.

## Multiple Points of Integration

- Bidirectional Restful Web Service API – A complete set of fully-documented APIs that allow you to create, read, update, and delete all items, ports, locations, lookup lists, requests and work orders, power and data connections, custom fields, and model library items.
- ODBC Views – Link to or view any database table view.
- JSON Event Forwarding – Alarms can be forwarded to your organization's company-wide enterprise monitoring solution such as Splunk® or CA Spectrum®.
- Webhook Audit Trail – Provides a message stream of all adds, moves, and changes including details such as who did what and when down to the field level.

## A Complete Suite of Automation Capabilities

- Auto Power Budget – Automatically calculates power budget profiles for each device instance (e.g., make/model of a server) based on trended actual power utilization.
- Load Shift Detection – Detects and alerts when the load shifts from one power supply on an IT device to another, indicating a potential loss of redundancy.
- Scheduled Charts and Reports – Schedule management reports for auto-creation and distribution at any frequency you choose.
- Rules Engine – Create automation rules based upon configurable conditions (e.g., if a field is updated, another field is automatically updated with specific values based on the rule).
- Auto Backup of Rack PDU Configurations (Raritan and ServerTech) – Collect and store each device's configuration file for easy configuration restoration or cloning a configuration to many other PDUs.
- Thresholds on Parts – Get notified when you're running low on high-value parts and spares.
- Thresholds on Rack, Inlet, and Circuit Breaker Loads and 3-Phase Balance – Maintain uptime by being the first to know of potential issues before they become real problems.
- Thresholds on Circuit Breaker State Change – Know when a circuit breaker state changes.
- Thresholds on Environmental Conditions – Set thresholds on temperature/humidity sensors.
- Request and Work Order Email Notifications – Informs personnel of required actions such as moves, adds, and changes.
- Events Email Notifications – From anywhere, know what's going on in your data center with emails of all informational, warning, and critical events.



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## Schedule Automated Reports

Get 100+ zero-configuration dashboard charts and reports on day one. Give your management visibility into your data center by automatically creating and distributing charts and reports via email at the frequency you choose.



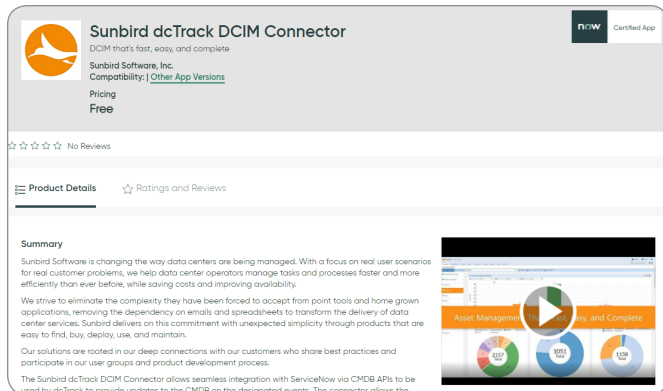
## Automatic Power Budgeting

Auto Power Budget automatically calculates an accurate power budget number for each instance of a device based upon the actual measured load of that device in your environment running your applications. Customers report gaining up to 40% more capacity with Auto Power Budget.



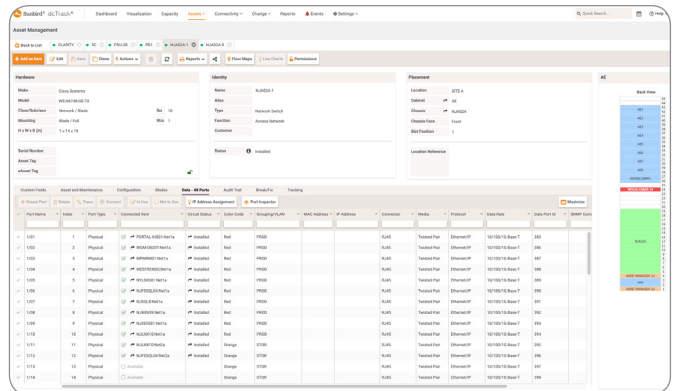
## ServiceNow Certified Connector

The certified Sunbird connector on the ServiceNow app store enables Configuration Item information to be automatically synchronized from one system to the other, dramatically simplifying data exchange while improving Configuration Item data accuracy.



## Bidirectional Web Service API

Have the freedom to create your own automation with our APIs. The APIs provide virtually all the functionality which is provided in the GUI so that you can automate virtually any activity, even custom fields that you create in the database.



Call 732.993.4476 or visit [SunbirdDCIM.com](http://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 2,000 DCIM customers worldwide. For more information, please visit [SunbirdDCIM.com](http://SunbirdDCIM.com).

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