Asset Lifecycle Management From PO to Dock to Rack

Application Note

Key Customer Quotes

■ *"Accurate asset records have given us a 50% gain in efficiency in terms of locating an asset's physical location within the data centers."*

Joe Keena, Manager of Data Center Ops

■ *"Sunbird makes asset management incredibly easy... I find the visuals to be really, really handy."*

Matt Adkins, Cloud Data Center Engineer

■ *"Where we came from. we had to manually update one line at a time per asset. With Sunbird, I can update thousands of assets within a couple of minutes. It's been a night and day difference for us."*

Christopher Christen, Data Center Ops Manager

■ *"I just did a full audit of the 18 racks in our Atlanta data center by myself. It would have probably taken me a day and a half to do it manually and make the changes. I did it in 3 hours, a quarter of the time."*

Jim Whittum, Data Center Engineer

■ *"We submit a purchase order that goes in through SAP. Once the PO is approved in SAP and the asset is received at our main receiving facility, then an asset management record is created in SAP. That creates the asset in the CMDB part of ServiceNow. ServiceNow assigns a make, model, propert number, serial number, and CI name. Then, the asset gets created in dcTrack with those same relevant fields."*

Frank Butler, Senior Project Officer

Workflow for Easy and Accurate Equipment Intake, Storage, and Installation

Managing critical equipment throughout its lifecycle demands speed, accuracy, and traceability. Yet many organizations still rely on spreadsheets or siloed systems—or don't inventory equipment upon receipt at the dock—which introduces risks like unused assets, misplaced assets, incomplete records, and deployment delays.

Sunbird's dcTrack provides you the ability to manage your equipment lifecycle, offering a streamlined and auditable way to track assets from the moment they arrive on the dock. Whether you're logging new equipment, staging it in storage, or installing it in a live environment, dcTrack enables you to plan and document your asset lifecycle changes. Plus, it can be integrated with other tools to enable a a single source of truth for the entire organization.

Intake Equipment From the Dock Into Storage

■ Use the Lookup Scan (Alt+L) feature to scan the serial number barcode on the box. This automatically opens the details page to add a new item and auto-fills the Serial Number and Name fields with the scanned value.

■ If a purchase order number is on the box, enter it into the PO Number field along with any other known details (e.g., make, model). This allows finance and other teams to confirm receipt and assess deployment readiness.

■ In the Location field, add the item to your designated storage location in dcTrack.

■ Now, the asset is logged into inventory before it even leaves the loading dock. Repeat these steps for each box of equipment to efficiently process entire shipments.

Track the Item Through Rack and Stack and Beyond

■ When a request is created to install the hardware, scan the serial number on the box again using the Lookup Scan feature to open the existing item record.

■ Update the item's Location, Cabinet, and U Position fields with the exact physical location it is being installed in, update the Status field to Installed, and update any additional details known at this time (e.g., Name).

■ Apply a physical barcode or QR code asset tag to the front and back of the device. Scan this tag into the Asset Tag field to streamline future audits using dcTrack's built-in asset audit feature.
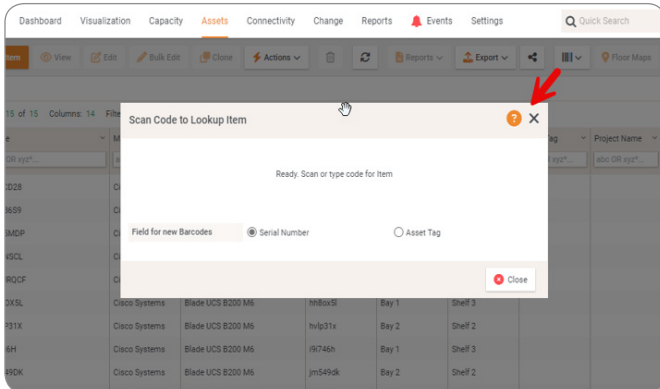
Enable a Single Source of Truth Across Systems

■ Integrate dcTrack with ServiceNow, Jira, SAP or other third-party asset tracking and purchasing systems with the appropriate APIs to automatically push updates as assets move through their lifecycle.

■ Integration greatly reduces the manual data entry for updates for devices (e.g., received, moved, installed) and provides a historical audit trail for them.

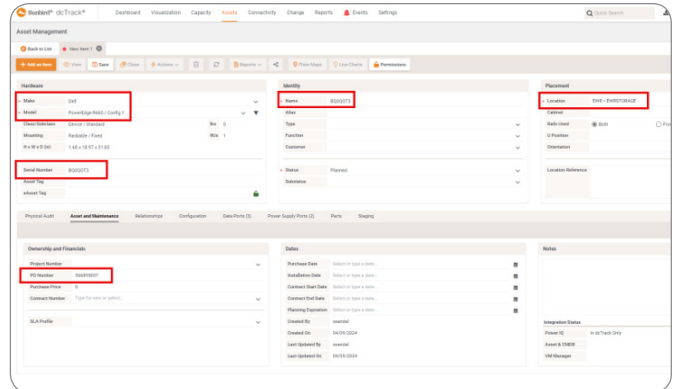# Asset Lifecycle Management From PO to Dock to Rack

Scan Boxes of Equipment at the Dock

Scan the serial number barcode on incoming shipments to create a record of them in dcTrack. This makes it easy to log equipment before it even leaves the loading dock.
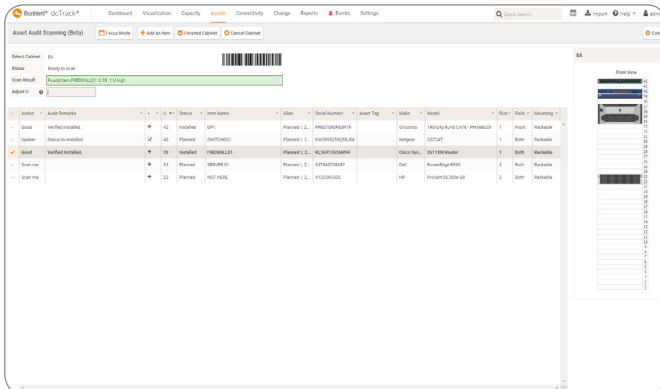
Create or Update Items in Seconds

Auto-fill fields like Serial Number using barcode scanning, and enter additional details like PO number, model, and storage location. When installing, apply an asset tag to the device and easily scan in its value.

Audit with Barcode/QR Code Scanning

Faster and more accurate asset audits are enabled by easily scanning the asset tags in a rack. Built-in logic and a voice response guides you through the audit, and an exception report lets you know what to change.

Scanner and Asset Tags

Tracking asset lifecycle from PO to rack can be facilitated with scanners and asset tags.

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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.

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