



Tracking Parts and Spares in Storage Rooms, Shelves, and Bins

Key Benefits

- **Improve Uptime** — Ensure the right parts and spares are always on hand and ready for deployment so you can quickly resolve issues and avoid extended outages.
- **Increase Efficiency** — Eliminate wasteful overstocking, redundant purchases, and disorganized storage leading to lost parts by centralizing inventory tracking and using automated alerts and dashboard charts.
- **Boost Productivity** — Empower technicians to spend less time searching for parts and more time completing repairs and maintenance with streamlined workflows and barcode/QR code scanning-based lookups.

“Using [dcTrack] to maintain documentation of assets’ placement, data and power connections is easy and logical... It is our source of truth for what’s in the data centers.”

Rob Hansen, Engineer II Data Center Infrastructure Systems



Track Parts and Spares with Accuracy Using dcTrack

Managing parts and spares is essential to supporting data center operations. Yet, many organizations continue to rely on manual and outdated methods like using spreadsheets to track parts. Inefficient parts management can lead to delays in maintenance or repair, lost inventory, or wasted money on duplicate orders.

Sunbird’s dcTrack enables processes that support efficient, accurate, and auditable management of your parts and spares across all storage locations. With dcTrack, you can know what you have and where it is.

Create Your Own Library of Parts Templates

- **Create Your Parts Library** — Create an unlimited number of part templates and specify their class, make, model, part number, and any other attribute using custom fields.
- **Choose How to Track Parts** — Track parts individually for high-value, serialized spares like SFPs and hard drives, or collectively for low-cost consumables like cables and screws.

Intake, Locate, and Consume Parts with Precision

- **Build a Digital Twin of Your Storage Rooms** — Create a 3D model of your storage rooms, including racks and shelves, to help technicians quickly locate parts when needed.
- **Track the Exact Location for Every Part** — Use dcTrack’s Location field to enter your parts’ storage room and the Location Reference field to specify exactly where each part is stored down to the exact rack, shelf, and bin (e.g., Rack 1, Shelf 3, Bin 4).
- **Apply Barcodes/QR Codes** — Label storage bins for collectively tracked parts with barcodes or QR codes. Individually tracked parts, like serialized spares, are often already barcoded.
- **Easily Scan Parts In or Out of Inventory** — You can use dcTrack’s Lookup Scan (Alt+L) feature to scan the barcode/QR code on a part or bin. When parts arrive, scan to open the part details, update the In Stock quantity, and log information such as date received, tracking number, and purchase price. When consuming parts, scan the bin to adjust quantities and optionally record the reason, project number, or ticket number.

Maintain an Accurate Inventory of Parts and Spares

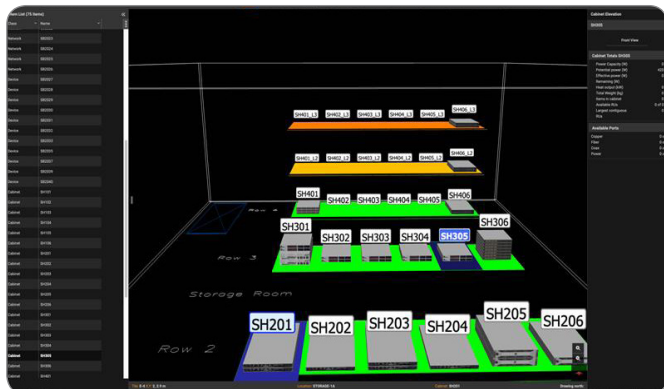
- **Set Low-Stock Thresholds** — Configure low-stock alerts to receive automatic emails when inventory drops below your defined minimum, giving you time to reorder before you run out.
- **Gain Full Visibility with Dashboards and Audit Logs** — Visualize part inventory, assignments, warranty status, actions, and consumption trends with out-of-the-box dashboard charts. Review a detailed audit log to see who made changes, what was changed, and when.
- **Assign Parts to Assets** — Track where each part is used (e.g., cables to a specific cabinet or SFPs to a specific server) to maintain accountability and simplify troubleshooting.
- **Conduct Periodic Inventory Audits** — Audit your parts inventory on the same cycle as your racked assets to ensure your documentation is accurate.



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Storage Room Digital Twin

Track and manage technology assets and parts across all spaces, including storage rooms. Visualize your racks, shelves, and bins to help technicians quickly locate parts when needed.



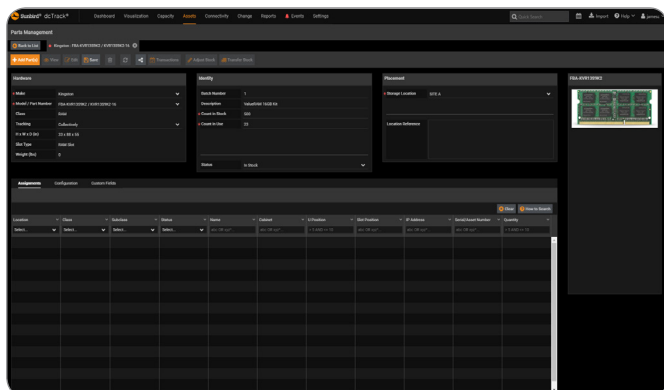
Parts Inventory Dashboard

Visualize and easily understand your parts in stock vs. in use and minimum thresholds for all the parts you use to take the guesswork and manual effort out of parts inventory management.



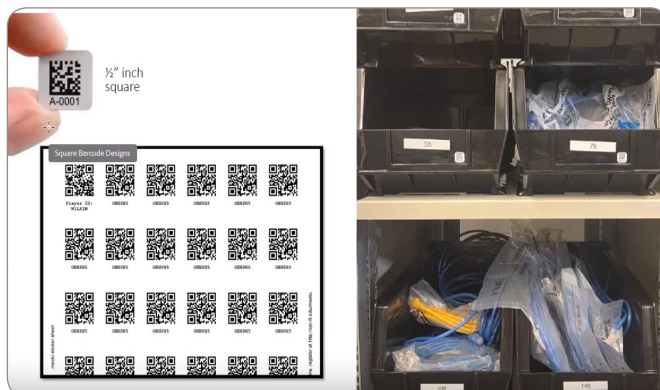
Parts Details

Track any part you like with detailed information like make, model, part number, dimensions, slot type, weight, serial number, description, status, storage location, assignments, manufacture date, and purchase price, plus custom fields.



Scanner and Labels

Tracking parts and spare in shelves and bins 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.

Based in Piscataway, NJ, Sunbird serves over 2,000 DCIM customers worldwide. For more information, please visit SunbirdDCIM.com.

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