

dcTrack® DCIM Operations Version 9.3.7

These release notes contain important information regarding the release of this product, so please read them carefully.

Applicability

This software release is applicable to dcTrack installations on VMware, Hyper-V, Linux KVM, Nutanix, AWS, and Dell R640/740/840/R650/750/850 hardware.

Deprecation Notice: Optional Power Supply Feature

The column with the title “Optional” in the Power Supply Ports list will be removed in 9.4.0. This feature should no longer be used, and users currently using this feature should move their data away from it so that there is no data lost when upgrading to 9.4.0 releases. There are no changes in this 9.3.7 release.

Currently, when creating Models with Power Supplies, the user could create additional power supplies and mark them as Optional. This was to indicate that this model can be purchased with power supplies from a list of available options. This feature was superseded when the Part Number field for Models was added, many releases ago. Now the user can create multiple versions of the same model by assigning each a different part number where each part number correlates to a different power supply option.

When upgrading to 9.4.0, customers with Models that have optional power supplies defined will have their data automatically migrated, such that for each variant of a power supply that is marked optional, they will get a new model record created and the Part Number will display the value of the Nameplate Watts with AC or DC appended to it based on the power supply phase value.

Any Power supplies ports with Optional = true on Items and models will be deleted.

Example: Customer has a Model called ProLiant DL380 G10 and the model has 6 Power Supplies. 2 of them are 500 W Single-Phase, Optional = False, 2 are 1000 W Single-Phase, Optional = true and 2 are 750 W Direct Current, Optional = true. After upgrade to 9.4.0, the user will have 2 additional models. The original model will have the 2 power supplies that had optional = false. The 1st new model will be called ProLiant DL380 G10, with Part Number: 1000W-AC and it will have the two 1000 W power supplies. The second new model will be called ProLiant DL380 G10 and Part Number: 750W-DC and it will have the two 750W power supplies. The column with the title “Optional” will no longer be available.

Important Information

The notices included in this section only apply if you are upgrading to dcTrack 9.3.7 from a version prior to dcTrack 9.3.0.

dcTrack Item Alias Field

The dcTrack Item Alias field maps directly to the Power IQ Facility Item Name field such that the Power IQ display setting has no impact on what is displayed in the dcTrack Alias field.

If the user changes the Alias field for a Facility Item in dcTrack, this will be sent to Power IQ. Power IQ, in turn, will attempt to set that name on the Facility Item. If the Facility Item does not support Name setting, then Power IQ's name will not be changed and dcTrack's Alias field will be changed back to the value in Power IQ. This maintains the Facility Item and Power IQ (as a proxy for the facility item) as the source of truth for the Facility Item Name.

If you've been using the Item Alias field of facility items (Rack PDUs, Floor PDUs, UPS, etc) for other than the Name of the PDU, you should move this information to another field so as to not lose this information after the upgrade. This can be done easily and [in bulk using Export and Import](#).

The dcTrack Name field is not integrated and can be changed by the user at any time. However, if a Facility Item is initially created in dcTrack by a push from Power IQ, the dcTrack Name will initially be set automatically using the PDU Name, IP address and Proxy Index, if any, in this format:

<Name> (IP Address-Proxy)

Business Rules

If you are using any of these business rules, download and install the latest version from the [addons site](#) before or immediately after upgrading:

- Mirror Model Custom Field to Item Custom Field
- Mirror Multiple Standard Date Fields to Custom Fields
- Remove CMDB Integration and Fields
- Set Asset Tag to Item Name
- Set Custom Field to CMDB ID
- Set Custom Field to Customer Contact
- Set Installation Date and Custom Decom Date
- Set Item APB Status
- Set Serial Number of Archived Items
- Set several CF based on Customer
- Set/Remove Substatus Based on Status
- Update Duplicated with ^^ItemId in the Name
- Set Location of Assigned Part to the Item Location
- Set Location When Status is Storage

Back Up Your System Before You Upgrade!

Ensure redundancy, recover from human error, and safeguard your dcTrack configuration and data with frequent backups!

Before you upgrade, **we strongly recommend that you generate a backup of your dcTrack system configuration** and save it to another device, such as your hard drive. We also strongly recommend that you set up remote storage for backup files to automatically push all daily backups to a remote storage location. For more information, see [Manually Back Up Your dcTrack Database](#) in the dcTrack online help.

Upgrade Paths

1. If you are on 9.0.2, 9.1.x, 9.2.x, 9.3.0, 9.3.1, or 9.3.5, you can upgrade with the bin file via the GUI or by ISO installation (using backup/restore)
2. If you are running dcTrack 9.0.1 or older, you must upgrade first to 9.0.2 (following the documented instructions in the 9.0.2 release notes) and then you can upgrade to the latest version with the bin file via the GUI or by ISO installation.

Security Enhancements

dcTrack 9.3.7 includes the following security improvements:

- Missing server side access controls for an internal API that returns the list of workflow users were implemented
- A user can no longer access another user's private gauge widget even if they know the exact URL
- Dashboard widget parameter for Customers no longer includes all customers for limited-permission users
- Critical and high vulnerabilities reported against the components bundled in the Sunbird solution were reviewed and addressed as part of this release. Since no one can directly log in to the hardened operating system, the appliance is not affected by CVEs that require local login for privilege escalation. Many components were updated nonetheless, following best practice. Notable CVEs resolved:
 - CVE-2026-45447
 - CVE-2026-19385
 - CVE-2026-18408
 - CVE-2026-16239
 - CVE-2026-15742
 - CVE-2026-15741
 - CVE-2026-14680
 - CVE-2026-14679
 - CVE-2026-14677
 - CVE-2026-14671
 - CVE-2026-14670
 - CVE-2026-14669
 - CVE-2026-14668
 - CVE-2026-14664
 - CVE-2026-14662
 - CVE-2026-6471
 - CVE-2026-6464
 - CVE-2024-4741
 - CVE-2026-59999
 - CVE-2026-28390
 - CVE-2026-55153

- CVE-2026-47838
- CVE-2026-54603
- CVE-2026-47736
- CVE-2026-47737
- CVE-2026-65182
- CVE-2026-65905
- CVE-2026-68525
- CVE-2026-89425
- CVE-2026-41848
- CVE-2026-41842
- CVE-2026-59083
- CVE-2026-54399
- CVE-2026-54428
- CVE-2026-54512
- CVE-2026-54513
- CVE-2026-41850
- CVE-2026-41851
- CVE-2026-22732
- CVE-2026-33195
- CVE-2026-33202
- CVE-2026-33174
- CVE-2026-33176
- CVE-2026-35611
- CVE-2026-79770

New Features and Enhancements

Red Hat OpenShift Container Deployment

dcTrack can now be deployed as a containerized application on Red Hat OpenShift for increased operational efficiency and enhanced portability across environments. This allows dcTrack to be managed using existing OpenShift standards, shared OS kernels, tooling, and processes.

Grid Customizations in Subtabs of Detail Pages Automatically Save

Users can now customize the grids in subtabs of various detail pages and have their changes automatically saved. Customizations are limited to sorting, column order, column widths, and Column visibility. Note that grid filtering does not get saved. The customizations are saved for users individually. The following grids are included in this feature:

- Power, Data and Sensor Ports subtabs in Item Details
- Battery and Rectifier subtabs in DC Plant Item Details
- Power Panels and Plant Panels subtabs for Floor PDUs, DC Bays and Plants
- Items in Cabinet subtab for Cabinet Item Details
- Switch Devices for UPS Bank and Switch Item Details
- Parts Subtab for Item Details
- Relationships subtab for Item, Ticket and Project Details
- Assignments subtab for Parts Details
- Items Subtab for Circuits, Tickets and Project Details

ServiceNow and UCG2 Connectors Pause or Stop Asset Integration

Temporarily or permanently unlink integrated assets between dcTrack and ServiceNow or other external systems to prevent unwanted sync activity for increased administrative control and data integrity.

Dashboard Widget Trend Charts from External Data Sources

Users can now enable dcTrack trend charts using data from external data sources that provide time-series data and are integrated with dcTrack via the Universal Connector G2. This improves capacity planning, correlation, and what-if analysis within dcTrack's single pane of glass for enhanced data center decision-making.

OAuth2 Scope Support for CMDB and Ticketing Integrations

dcTrack now supports scopes for OAuth2 for both ServiceNow and UniversalConnectorG2 integrations. This allows users to define precise, granular access permissions when authorizing with OAuth2 for CMDB and Ticketing integrations. This configuration is entirely optional, ensuring your existing integrations continue to function seamlessly without any changes.

Pause or Stop Asset Integration through File Imports

Temporarily or permanently unlink integrated assets between dcTrack and an external CMDB system through a file import.

Default Rack Position for Discovered Sensors

When sensors are discovered by Power IQ, their “height in rack” position will not be defaulted to Middle of the rack by dcTrack and will be left unset. To improve visibility of sensors whose position is not configured, such sensors will be displayed in the 3D Floor Map Visualization at the floor of the cabinet, prompting the user to set the correct height in the rack for those sensors.

Disable Integrations when Restoring from Backup

Provides administrators with the option to disable integrations when restoring a backup to prevent unwanted sync activity with integrated production systems. This reduces manual effort and human error.

API Support for Make Alias

dcTrack now recognizes the alias of a Make when creating a new model from the public API. This reduces integration errors.

Import Port Alias and Port Status

Enables users to update the Port Alias and Port Status fields via import. These two fields are also included in the ODBC views for power and data ports. This reduces manual effort and saves time.

Inclusive Date Range for Audit Log and User List

When a user selects a date range for an audit log or user list, the results now include the start and end date.

Set How ServiceNow Connector Determines CI Tables to Integrate With

Users may now choose between two methods of determining which CI tables on ServiceNow integrated items are placed into. The supported methods utilize either the Model Category of the item model on ServiceNow, or the CI table defined in the connector configuration file. This provides more control over how items are synced with ServiceNow.

Make and Model Field Mappings No Longer Required in ServiceNow Connector

When updating fields other than Model on an item integrated with ServiceNow, field mappings for Make and Model are no longer required. A helpful warning is now logged in dcTrack when attempting to push a Model update with missing field mappings for Make and Model.

Issues Resolved in This Release

Release 9.3.7 includes the following fixes over Release 9.3.5:

Ticket Number	Sunbird Internal Number	Summary
37535	DCT-44397	Allow connections on data panels that are not connected on both ends
81226	DCT-80908	Support importing port alias and port status
82304	DCT-82155	Preserve null sensor position during Power IQ to dcTrack synchronization
82768	DCT-82219	Make alias is not recognized during model creation
84431	DCT-71613	Add port alias field for data ports to the import template
84571	DCT-83841	Update Visio templates in the Download Templates section
84653	DCT-83877	Add Cord ID to the connections audit tool
	DCT-71115	Enhance item list filtering by chassis name to return the chassis and its blades
	DCT-84127	The system should indicate when the UCG2 is actively processing data and record that in the events tab
79287	DCT-79488	Update the documentation about API support for data port channels
81630	DCT-84626	Cell misalignment may occur when selecting all columns for export into import template
82129	DCT-83802	Outside-air temperature sensors revert to cabinet and prevent thermal map generation
82298, 84816	DCT-81937	Cannot unmap row due to a stale integration entity update after the mapping is deleted
82731	DCT-82213	Business rules that rely on item custom fields do not work as expected
82752	DCT-82265	The password and client secret fields are limited to 256 characters when configuring OAuth2 authentication for the UCG2
82772	DCT-82231	A system using OAuth2 with ServiceNow ticketing connector is not functioning as expected after backup restore
82794	DCT-82262	UCG2 integration appears to halt due to overload of INFO level log messages
82794	DCT-82319	CMDB logs include errors about "ClassCastException"
82797	DCT-82389	Floor map layers may not display correctly due to encoding/decoding issues
82810	DCT-82816	Links in the Power IQ integration screen may navigate to the wrong location if there are floors with the same name in different buildings
82832	DCT-82287	The location filter in assets tab is slow to search when there are tens of thousands of locations
82890	DCT-82318	The map operation for data model sync looks up the port by the name Eth01 only
82907	DCT-82344	Update the documentation that instructs how to integrate an existing dcTrack to a newly built Power IQ
82926	DCT-82891	PDU outlets missing due to a long Power IQ host fully qualified domain name
82931	DCT-82353	Unable to add structured cabling to cassettes if the media type is Any
82940	DCT-82367	Performance issue when loading visualizations for large locations

83052	DCT-82415	Fix incorrect spacing on the Configure Trusted Certificates documentation page
83100	DCT-82865	Incorrect formatting in the structured cabling import error results file
83134, 83959	DCT-82503	Public embeddable links do not retain the selected locations and show no data
83182	DCT-82698	Rounding issue in location height fields when using SI units
83196	DCT-82838	Import fails when adding connections with cord length in SI units
83196	DCT-83206	Unable to update inlet power connection cord length through file import
83203	DCT-82722	Update documentation to clarify that high availability depends on the user's architecture and is configured on the user side
83216	DCT-83620	dcTrack to Power IQ bulk sync operation stops after syncing 100 facility items
83220	DCT-84721	User is unable to edit custom fields in custom subtabs when the user is a member of multiple groups
83234	DCT-82654	There is a UCG2 transaction timeout if a poll of recent changes takes longer than 30 minutes
83245	DCT-83143	Work order query fails when active and inactive users share the same login and are associated with a request
83267	DCT-82658	Model aliasing does not respect the model part number
83306	DCT-82702	Duplicate "Color Coding Floor Maps Using Field Values" documentation page
83317	DCT-84719	504 Gateway Timeout may occur when requesting data from the power chain API
83373	DCT-84400	Airflow tiles cannot be placed on some areas of drawings
83531	DCT-83727	Warning message appears in Capacity Search after every filter change
83555	DCT-83330	The secondary node of an HA system may not return to the proper status after downtime
83581	DCT-83475	Location tooltip displays the default location instead of the current location
83603	DCT-83269	Give gatekeepers limited status change permissions
83615	DCT-83129	Quicksearch API without a specific pageSize parameter returns all records instead of the documented 50 item limit
83760	DCT-83191	Item list displays connector/ticket data instead of item details in UCG2
83779	DCT-83213	Update documentation for cabinet inspector rack PDUs
83794	DCT-83208	Blade ports do not integrate when a blade is assigned to a chassis
83796	DCT-83209	Data port integration fails if the IP address is null
83833	DCT-83236	Busway outlet import fails due to phase lookup
83840	DCT-83240	Update documentation for installing dcTrack with AWS
83951	DCT-83329	UCG2 may fail to update archived items due to RBAC privilege check
84053	DCT-83456	Event log shows "API Call Failed" despite successful API calls
84062	DCT-83662	The ServiceNow connector may create assets with scientific notation in the serial number
84076	DCT-84357	Export data ports into an import template fails without a clear reason shown
84083	DCT-83470	Model selector excludes HVAC class for invalid item
84084	DCT-83469	Unable to reconcile or validate an item created by the UCG2 when a make and model discrepancy exists
84108	DCT-83501	Internal server error from v1 locations API

84133	DCT-83578	Update v2 Data Port API documentation to use "portSubClass" instead of "type"
84152	DCT-83646	Quicksearch items API filtering issue with cmbLocation using "contains" or "eq" parameters
84160	DCT-83502	CMDB integration stopped background processing due to full KahaDB
84211	DCT-84356	Webhook not sending notifications as expected
84260	DCT-83586	UCG2 logs show "Wrong JsonPath" warning for null or absent optional fields
84265	DCT-83638	Part dimensions are incorrect when using SI units
84280	DCT-83682	Manually reconciled items do not show the correct last updated user in the item list or audit trail
84316	DCT-83618	Test Connection fails with transaction timeout during UCG2 polling sync
84317	DCT-83767	Documentation update for misspelled word and blurry images
84417	DCT-84132	Integration errors when trying to integrate a power panel with breakers
84450	DCT-83873	Cannot update IP address using the item data ports details API
84467	DCT-84130	UPS configuration does not allow voltages below 380V
84477	DCT-84156	Custom field pick list is empty when changing from another field type to contact
84506	DCT-83769	Update locations API documentation to specify cmbHierarchyLevel
84518, 84766, 84608	DCT-83912	Floor map drawing uploaded to the incorrect location after switching locations
84567	DCT-83803	API guide shows incorrect response structure for "Retrieve Item Data Port Information" endpoint
84581	DCT-84741	The "pending request" check for work orders incorrectly treats a missing port alias different from a blank port alias
84598	DCT-83829	Location field not highlighted yellow for unreconciled items updated from CMDB
84649	DCT-83917	Improve the documentation for the V2 data port API
84656	DCT-84457	Incorrect room is selected in the Visualization drop-down when rooms have the same name across different datacenters
84732	DCT-83362	Selected locations are not retained, causing public embeddable links, widgets, and scheduled reports to show no data
84735	DCT-84065	Fuel tank size is incorrectly converted when using SI units
84836	DCT-84568	Parts Field Management not visible to users with Field Management auxiliary role
84841	DCT-84137	Documentation Update - SNOW Connector
84907	DCT-84223	Documentation update: Add information about the Facilities Power Trend Chart
85135	DCT-84466	Unable to update power plant due to incorrect rectifier output capacity validation
85138	DCT-84444	SAML/LDAP/AD users no longer able to modify First or Last Name or email address if SAML/LDAP/AD does not provide a first name/last name attribute
85178	DCT-84498	Download of large system logs may produce an unusable file
85181	DCT-84518	Documentation Update - dcTrack User Guide "(Help Link)" on Migrating from LDAP to SAML Page

85218	DCT-84566	Model category should be optional in the ServiceNow connector configuration
85272	DCT-84670	Missing server side access controls for the internal API that returns the list of workflow users
85275	DCT-84661	Adaptor's add-field steps are included in the CMDB logs even if there is no log=true setting on the UCG2 adaptor
85277	DCT-84609	Save button on network diagrams does not work as expected
85452	DCT-84849	Some dashboard widget parameter choices include more options than expected for limited-permission users
85494	DCT-84854	Documentation - "New Chart Widget" should be "Add a Widget"
85551	DCT-84900	Renaming a battery may not work as expected
	DCT-83667	Cabinet Utilization widget does not group by project number
	DCT-83805	Creating new circuits via import fails for users with Data Circuit Manager permissions
	DCT-83807	Arrows not visible in calendar views
	DCT-83827	Capacity search does not auto-populate the lowest available U position for a single asset
	DCT-83905	Update database restore documentation with correct version numbers, navigation path, and dialog image
	DCT-84103	Structured cabling location filter does not show an insufficient privilege error without location permissions
	DCT-84902	Grid views toolbar is not responsive design
	DCT-85164	Unable to delete Power IQ integration due to incorrect next value for the audit trail sequence
	DCT-85245	Unconnected inlets and outlets in dcTrack PDU are deleted if the integrated PDU in PIQ is not discovered

Important Notes

The minimum hardware specifications for the Client Workstation have been updated as follows for dcTrack 8.1 and above:

- Processor Core I5 2.6G with 4+ cores
- 8GB RAM
- Graphics Card with minimum 2GB RAM and support at least 1280 x 960 resolution
- For viewing the 3D Visualization, the client workstation should have at least 16GB of RAM

Additional Comments

The table below provides helpful information on issues related to dcTrack Releases 9.3.0 and above:

Issues	Comments
Email delivery of some dashboard widgets may be missing images	The issue is specific to widgets that include location parameters if the widget doesn't have saved value(s) for the location parameter. Please save parameters (which is recommended best practice) to see the images in the email.
Changing certain configuration settings, including enabling SAML for the first, require an appliance restart	dcTrack enforces a Content-Security-Policy (CSP) to increase the security of the solution. As of dcTrack 9.3.0, however, certain directives in the CSP are set dynamically when the appliance starts up. See https://www.sunbirdcim.com/help/dcTrack/v935/en/Content/dcTrack/Dynamic_Content-Security-Policy.htm for more details
API /api/v2/subLocations/tree was deprecated in dcTrack 9.1.1 and is removed in dcTrack 9.3.0	API /v2/subLocations/labels was deprecated in dcTrack 9.1.1 and is removed in dcTrack 9.3.0
The field "cmbInputPhase" is deprecated in favor of "phase"	This change affects the following APIs: /v2/powerChain/{locationId} /v2/quicksearch/items /v2/cabinetElevation/info/{cabinetId} The following columns in the dcDataCircuit ODBC view are deprecated to improve the consistency of the column names: - Column "Connection9D" is deprecated in favor of "Connection9ID." - Column "Connection10" is deprecated in favor of "Connection10ID." - Column "Connection11" is deprecated in favor of "Connection11ID." - Column "Connection12" is deprecated in favor of "Connection12ID." The deprecated fields will be removed in dcTrack 9.4.0
ODBC dcDataCircuit view	
	The field "cmbInputPhase" is deprecated in dcTrack 9.2 and will be removed in dcTrack 9.4.0
	API /v2/makes?makeName=xyz replaces the following APIs:
dcimoperations/search/makes	/v2/dcimoperations/search/makes /v2/dcimoperations/search/makes/{makeName} /v2/dcimoperations/search/list/makes
Actual Active Power Per Cabinet, Actual Power By Customer's Cabinets, Actual Power By Customer's IT Devices, Actual Power Per Customer's Cabinets, Total	These widgets are deprecated and will be removed in a future release. Please use the Power Trend Chart widget instead.

Actual Active Power Dashboard Widgets

For Rack Inverter and Transfer Switch item, the “fed from” field could display "TS -> undefined" instead of "TS → Inlet 1"

After creating a Rack Inverter/Transfer Switch in dcTrack, the Active Inlet will set to Inlet 1 by default, but the “fed from” field may display "TS -> undefined" instead of "TS → Inlet 1". This will be fixed in dcTrack 9.3.0.

The deprecated API field `isConfigurable` was removed in dcTrack 9.3.0

The field `isConfigurable` is deprecated. In dcTrack 9.3.0, it was removed and will no longer be returned in the responses for the following API calls:

- `/v2/quicksearch/items/itemListFields`
- `/v2/quicksearch/circuits/circuitListFields`
- `/v2/quicksearch/connectors/connectorListFields`
- `/v2/quicksearch/events/eventListFields`
- `/v2/quicksearch/models/modelListFields`
- `/v2/quicksearch/projects/projectListFields`
- `/v2/quicksearch/locations/locationListFields` (public API)
- `/v2/quicksearch/auditTrail/auditTrailListFields`
- `/v2/quicksearch/parts/partModelListFields` (public API)
- `/v2/quicksearch/parts/partListFields` (public API)
- `/v2/quicksearch/tickets/ticketListFields` (public API)
- `/v2/quicksearch/parts/partTransactionListFields` (public API)

Canceling reports of Cabinet elevations does not work as expected.

When you run a Cabinet Elevations report on the Items list, clicking Cancel does not stop the report or make the progress bar disappear. This will be fixed in dcTrack 9.3.

In the cabinet live charts, labels and legends do not display correctly.

The label of the legends for cabinet power and rack PDU circuit breakers and inlets are not displayed correctly in the cabinet live charts.

The API fields `tiRectifiersActualLoadAmps`, `tiRectifiersActualLoadWatts`, `tiRectifiersBudgetLoadAmps`, `tiRectifiersBudgetFreeAmps`, `tiBattBudgetLoadWatt` and `tiBattBudgetLoadAmps` are deprecated.

These fields are deprecated and will be removed in dcTrack 10.0

GET
`api/v2/dcimoperations/search/models/{modelName}/{makeId}`

This API is deprecated and will be removed in dcTrack 9.3

`tiDefault` in the custom field public APIs.

`tiDefault` has been deprecated and is removed from the custom field public APIs in dcTrack 9.2.3.

The Administrator role has been renamed.

The Administrator role is renamed System Administrator in dcTrack 9.2

PUT /api/v2/models/{id}

This API performs as a PUT and not a PATCH. For example, if the Request includes the dataPorts list but nothing inside it, the data ports will be removed, or you include a new port in the list, but not the current port on the device, it will remove the port that already exists and create a new port.

The standard grid widget "Item Audit Trail" only returns the most recent 1000 rows

This was done to improve performance. Users with sufficient permissions can modify the widget settings as needed to meet their requirements.

API
/api/v2/dcimoperations/items/{id}
is a deprecated endpoint to manage change management requests

A new public API /v2/dcimoperations/requests has been added which includes the existing functionality

API
/api/v1/items/?returnDetails=true/false (POST) was deprecated in dcTrack 9.0.0 and is removed in dcTrack 9.2

Use the Manage Items [v2] API instead. See [https://www.sunbirdcim.com/help/dcTrack/v935/API/en/Default.htm#APIGuide/Using_the_REST_API_to_Manage_Items_\[v2\].htm](https://www.sunbirdcim.com/help/dcTrack/v935/API/en/Default.htm#APIGuide/Using_the_REST_API_to_Manage_Items_[v2].htm)

API
/api/v1/items/<item_id>?returnDetails=true/false (PUT) was deprecated in dcTrack 9.0.0 and is removed in dcTrack 9.2

Use the Manage Items [v2] API instead. See [https://www.sunbirdcim.com/help/dcTrack/v935/API/en/Default.htm#APIGuide/Using_the_REST_API_to_Manage_Items_\[v2\].htm](https://www.sunbirdcim.com/help/dcTrack/v935/API/en/Default.htm#APIGuide/Using_the_REST_API_to_Manage_Items_[v2].htm)

API /api/v1/items/<item_id> (DELETE) was deprecated in dcTrack 9.0.0 and is removed in dcTrack 9.2

Use the Manage Items [v2] API instead. See [https://www.sunbirdcim.com/help/dcTrack/v935/API/en/Default.htm#APIGuide/Using_the_REST_API_to_Manage_Items_\[v2\].htm](https://www.sunbirdcim.com/help/dcTrack/v935/API/en/Default.htm#APIGuide/Using_the_REST_API_to_Manage_Items_[v2].htm)

API /api/v1/items/<item_id> (GET) was deprecated in dcTrack 9.0.0 and is removed in dcTrack 9.2

Use the Manage Items [v2] API instead. See [https://www.sunbirdcim.com/help/dcTrack/v935/API/en/Default.htm#APIGuide/Using_the_REST_API_to_Manage_Items_\[v2\].htm](https://www.sunbirdcim.com/help/dcTrack/v935/API/en/Default.htm#APIGuide/Using_the_REST_API_to_Manage_Items_[v2].htm)

Field relationshipTypeId is deprecated from the API
/api/v2/relationship

Please see the online API documentation for more details

API
/api/v2/dcimoperations/search/list/models (POST) was deprecated in dcTrack 9.0.0 and is removed in dcTrack 9.2

Use /api/v2/quicksearch/models instead for better performance and additional capabilities. See the online API documentation for more details.

The field CoolingUntiltemID is removed in ODBC view
dcCoolingUnitsToZones

The field was deprecated in dcTrax 9.1.1 and is removed completely in dcTrack 9.3.0. It has been replaced with CoolingUnitItemID CoolingUntiltemID is removed in dcTrack 9.3.

API /v2/subLocations/labels was deprecated in dcTrack 9.0.0 and is removed in dcTrack 9.2

There is no replacement for this API, which was never leveraged by the application.

API /v2/dcimoperations/search/list/items was deprecated in dcTrack 9.0.0 and is removed in dcTrack 9.2

Use /api/v2/quicksearch/items instead for better performance and additional capabilities. See the online API documentation for more details.

API /v2/settings/connectors/quicksearch was deprecated in dcTrack 9.1.1 and will be removed in dcTrack 9.2.3.

API /v2/quicksearch/connectors should be used instead for better performance and additional capabilities. See the online API documentation for more details.

The fields chkApplyToModel, chkHidden and chkRequired have been deprecated from all APIs

chkHidden and chkRequired had no functional effect and were a source of confusion. Use cmbAppliedTo instead of chkApplyToModel going forward. Please see the online API documentation for more details

Changes to the tile server or geocoding server are not reflected in the Content-Security-Policy response header.

After making changes to the settings for the world map, a reboot of the appliance is needed for the new Content-Security-Policy to be returned by the server. In later releases, such a reboot will not be needed.

Changes to whether HTML widgets are allowed or not are not reflected in the Content-Security-Policy response header.

After changing this setting, a reboot of the appliance is needed for the new Content-Security-Policy to be returned by the server. In later releases, such a reboot will not be needed.

Chassis on a suspended cabinet aligned with free-standing cabinets

A chassis on a suspended cabinet aligned with free-standing cabinets does not render

CMDB configuration XML should no longer refer to date time fields that begin "dt"

On upgrade, dcTrack will automatically replace deprecated field names with their replacement. However, if a customer had saved an XML configuration from an older release and tried to apply it in 9.1.0, it would no longer be valid if it contains the deprecated field names.

Custom fields definitions for locations and models

Custom field definitions are not exported for locations and models

Data panel item details circuit trace.

A user cannot connect a right partial circuit into a full circuit from a data panel's item details page. The circuit can be connected from the Circuits List.

Audit trail units measurements.

The audit trail records measurements in "units" in US units regardless of the user's preferences. For example, when SI (Metric) is selected in the user's Unit System preference in the user profile, the value displayed is not calculated/converted correctly.

SAML, XML parsing error using metadata fetched with Firefox browser

A Jetty server does not start correctly when a SAML server is configured with metadata copied from a Firefox browser because Firefox does not parse and render the XML correctly. Do not use Firefox to get the metadata, instead use Edge or Chrome.

Special characters not supported in custom fields labels

The following characters are not supported in custom field labels: a period "." and a single quote "'". Using these characters in your custom fields labels may result in errors or missing information when using the APIs.

/link/search/{fieldName}/{value}

This syntax for providing external links based on user specified search criteria is deprecated in dcTrack 9.1.0.

Model Library updates on devices and network items can result in too many ports if there are "is_customer" ports.

When a user uploads a Models Library Update file (.mlu) to dcTrack, if a standard or network device model in the file matches a model in the user's library and the "Do Not Update" option for the model is false, the ports in the MLU file will overwrite the ports in the user's library regardless of whether the ports were modified by the user. Note: For Rack PDU power ports, if the user modified any port, all power ports will be considered modified and no ports will be added from the MLU file.

tiPartNumber field in the /v2/quicksearch/ API

This field is deprecated in dcTrack 9.1.0

tiAddressFloor field in the /v1/locations API

This field is deprecated in dcTrack 9.1.0

An API call with a trailing slash (/) at the end of the URL does not work.

An API call with a trailing slash (/) at the end of the URL does not work. If the user calls a URL with a trailing slash, it will not work, for example:

- Working in 9.1.0: POST /api/v1/items
- No longer working in 9.1.0 or later: POST /api/v1/items/, or api/v1/items

Saving an Item with SNMP3 enabled

Users may receive the message "SNMP V3 Authorization Level is invalid" when saving an Item with SNMP3 enabled even if the settings have not changed. To correct the problem, select a different Authorization Level from the dropdown then select the original option again and the record will successfully save.

Importing Busways

Busway Outlets can no longer be created when importing Busway Breakers. The Power Outlet column in the file must refer to an existing column. Additionally, when creating Power Outlets for Busways, the Busway column is required. As a result, the Busway must be created prior to importing their Power Outlets.

The url for external links

<https://<dcTrackIPAddress>/link/search/{fieldname}/{value}> has been deprecated.

The new format is:

<https://<dcTrackIPAddress>/link/search/items?field=XXX&value=YYY>

HA Email configuration is initially disabled.

To enable the configuration: Toggle the "Enable High Availability" check box checked > unchecked > checked.

dcTrack in Multiple tabs

If you have dcTrack open in multiple tabs, closing one or more of those tabs may cause your session to end in all the remaining open tabs.

ODBC access may require new drivers

The version of the database has been upgraded from PostgreSQL 9.6 to PostgreSQL 12.1. Customers who access the database via ODBC may need to update the database drivers used.

Import over 100k rows

Importing files in excel format having more than 100K rows may cause an issue and import will fail. Use csv format when importing files over 100k rows.

ODBC Query Timeout

To change the ODBC Query Timeout setting, you must restart the dcTrack appliance. Otherwise, the setting will remain unchanged until the next time the dcTrack appliance is restarted.

Rendering 3D Floor Maps on a Mobile Device

The mobile browser may fail to load the 3D Visualization. To get around this issue, from a desktop browser, set the Contents Selector in the 3D Settings tab under the Floor Map Settings section to Auto rather than Always. This setting will only affect your user account.
Alternatively, you may login to dcTrack by requesting the Visualization directly by typing this URL into your mobile browser: <dctrack hostname>/dcim/#/visualization

API Move Requests on Cabinets

When using API move requests on cabinets and manipulating the rows of the original item or the ^^when moved item, there may be a leftover system row with a name ending in ^^MOV, after completing the move. This is a known issue, and the row can be safely deleted.

Custom Date fields do not work in the color-code feature on the floor map.

On the floor map, for the color-code feature, colors are not grouped by month for date type fields.

A facility item's Input Rating (Vac) does not update when its Input Item's Rating (Vac) value is updated.

After creating a Utility Feed and specifying its Rating (Vac) value and setting it as the Input item for a transformer, users may find that the Transformer Input Rating (Vac) does not change when the Input item's Rating (Vac) value is updated. To fix: Delete the Fed-From item field in the Transformer and save your change. Then add the Fed-From Item back to the Transformer and save your changes.

A UPS is not displayed in the "UPS Units in Bank grid on the Configuration sub-tab. Units in Bank YYY" grid of a UPS Bank if the UPS is placed in a different location

When a UPS is placed in one location, and the UPS bank and its load device are placed in another location, the UPS does not display in the UPS Units in Bank grid of the UPS bank.

A Power Panel's Breaker Voltage does not update when the Fed-From item's Rating (Vac) value is updated.

After creating a Utility Feed and specifying its Rating (Vac) value, then setting it as the Fed-From item for a Power Panel, users may find that the voltages of breakers added to the Power Panel do not change when the Fed-From item's Rating (Vac) value is updated. To address this issue: Delete the Fed-From Item field in the Power Panel and save your change. Then add the Fed-From Item back to the Power Panel and save your changes.

Where to Find the Software Files and Obtain Help

- **Find Software:** <https://support.sunbirddcim.com/>
- **Get Help:** tech@sunbirddcim.com
- **Sign Up for a Maintenance Contract:** Contact your reseller or sales@sunbirddcim.com

Supported Software Versions

Sunbird Technical Support will support clients with valid maintenance agreements and software versions no greater than two (2) previous Major and Minor related releases from the current General Available software version. As of dcTrack 9.3.7, dcTrack 9.3.0 and 9.2.0 are Major releases supported by Sunbird Technical Support and any Minor related releases. Version 9.1.0 or older are not supported, without explicit approval of Sunbird's VP of Client Services or above.

Power IQ® Compatibility

dcTrack 9.3.7 is compatible with Power IQ versions 9.3.7, 9.3.5, 9.3.3, 9.3.0, 9.2.1, 9.2.0, 9.1.2, 9.0.1

ServiceNow Certified Sunbird dcTrack DCIM Connector Compatibility

The latest version of the ServiceNow Sunbird dcTrack DCIM Connector, 1.3.1, is compatible with Australia, Zurich, Yokohama. Users must be on Version 1.3.1 to take advantage of the new dcTrack 9.3.5 ServiceNow integration capabilities. Both dcTrack and the Sunbird dcTrack DCIM Connector are backwards compatible, meaning users can upgrade in either order. Download [here](#).

Browser Compatibility

- Microsoft Edge - Version 153.0.4234.48 (Official build) (64-bit)
- Firefox – 156.0.1 (64-bit)
- Google Chrome - Version 154.0.8037.58 (Official Build) (64-bit)
- Google Chrome on Mac - Version 154.0.8037.58 (Official Build) (arm64)
- Apple Safari – 27.0 (21625.1.29.18.28)

Hardware Compatibility

- Dell R640/740/840
- Dell R650/750/850



About Sunbird

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