Application Note

Top Integrations with dcTrack to Create a Single Pane of Glass

At Sunbird, “automation via integration” is a key pillar of our vision for second-generation DCIM. With out-of-the-box connectors and fully documented APIs, we make it easy to integrate your data center management and adjacent systems to create a single pane of glass. The result is less manual effort, more complete information, and better cross-team collaboration.

While dcTrack can integrate with virtually any system that contains information about assets, virtual machines, data ports, power ports, or circuits, and exposes this information via RESTful API, the following are some popular tools our customers are integrating with today.

System Type	System Examples	Use Case Example	Integrated Attribute Examples	
CMDB	• ServiceNow • BMC • Ivanti/Cherwell • Homegrown	An asset added to SNOW automatically creates a linked asset in dcTrack, where you can plan and deploy it. dcTrack then updates SNOW with the asset’s status, rack, and U position.	• Device name • Device type • Serial number • Make • Model	• Asset tag • Status • Location • Owner
Ticketing	• Jira • ServiceNow • BMC	A ticket created in SNOW auto-generates a linked ticket in dcTrack for you to work from, and dcTrack updates SNOW with details like when it’s complete.	• Ticket number • Ticket status • Ticket description • Ticket comments	
Private Cloud (Orchestration)	• VMware • Microsoft Hyper-V • Linux KVM • Nutanix • Red Hat OpenShift	Automatically sync virtual machines with their physical hosts to know which customers you need to notify during maintenance on hosts.	• CPU type • RAM • Disk • OS • Domain • Users • Processes	• Services • VM cluster • VM host • Power state • Tags • Notes • MAC address
Network Management	• Cisco ACI • Netbrain • Netbox • Arista CloudVision	Automatically update dcTrack with network items and/or attributes such as port status and port description.	• MAC address • Up/down status • IP address • Switching status	• Fabric, tenant, spine, and leaf information • Port alias • Port status
Server Infrastructure Management	• Dell OME • HPE OneView	Automatically update dcTrack with server items and/or attributes such as warranty information.	• Server name • Service tag • PO number • Purchase price • Warranty dates	• Server profile information • OS type • RAM • BIOS data
Colocation Infrastructure Monitoring	• Equinix SmartView	Compare information in Power IQ from intelligent rack PDUs with information provided by your colo provider.	• Equinix circuit ID • Amps • kVA • Usable kVA • Percentage kVA	• Peak kVA last 7 days • Peak kVA last 7 days percentage • kW • Power factor

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