



dcTrack Connector for Dell® OpenManage Enterprise (OME)

Customer Case Study

dcTrack provides Brussels University Hospital (H.U.B) with a single intuitive GUI for all users and a single enterprise-class relational database with integrations to other systems such as Dell OME to track, manage, and visualize all their assets in one system.

H.U.B integrated dcTrack with Dell OME to automatically pull key server configuration and management data from Dell OME directly into dcTrack, eliminating the need to search across multiple systems for up-to-date information.

With dcTrack as their single pane of glass, H.U.B has direct, one-click access to each server's virtual console. Instead of relying on DNS resolution or manually looking up IP addresses in an IPAM system, users simply open the device in dcTrack and have a link to launch the console.

"When we are in dcTrack, we have a direct link—one button click—to the management of the servers... One of the benefits is having all the information in one location. With everything available in one place, we don't have to switch through different applications to get all the information."

David Vekemans,
Head of IT Infrastructure
Brussels University Hospital



[Read the H.U.B case study.](#)

Out-of-the-Box Dell OME Connector for dcTrack

Dell OpenManage Enterprise (OME) is a management and monitoring application that provides information about Dell servers, chassis, storage, and network switches across the enterprise network.

Sunbird's new Dell OME connector programmatically pulls data from Dell OME into dcTrack, driving automation and giving you a single pane of glass with complete information across all your Dell assets.

What Does the Integration Do?

- **Hardware configuration sync.** Pull CPU, RAM, and disk data directly from Dell OME into dcTrack.
- **Warranty tracking.** Automatically update Contract Start/End dates to help you stay ahead of renewals.
- **Real-time telemetry.** View the latest Inlet Temperature and Actual Power (W) readings.
- **Console access.** Virtual Console IP and URL are mapped to each device in dcTrack, giving you one-click access to each server's management console.

Why Integrate dcTrack with Dell OME?

- **dcTrack as a single pane of glass.** Eliminate swivel chair management with a single system where users can track and visualize all data center assets in one intuitive GUI. In addition to Dell OME, you can also integrate dcTrack with tools like HPE OneView and Cisco Intersight.
- **Increased operational efficiency.** Eliminate the need to login to multiple tools and manually gather data by consolidating key asset information and links to each server's virtual console in one system.
- **Faster, more informed decision-making.** With hardware configuration, warranty, and telemetry data automatically updated, you gain the accurate information needed for planning and troubleshooting across your entire fleet.

How Does the Connector Work?

- The connector runs on a configurable polling interval and automatically syncs data from Dell OME into dcTrack without any manual intervention. Assets are matched between the two systems by serial number and data flows in one direction from Dell OME to dcTrack.

Where Is the Connector Available?

- Visit [Sunbird's addons site](#) to download the connector and see Sunbird's other connectors and addons. A valid maintenance contract and support portal login are required.
- To provide integration that is easy, fast, and complete, the download file includes the base connector, step-by-step instructions to install it, a custom field import sheet, and a business rule to automatically update and calculate fields.



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The table below displays each mapped field, the dcTrack subtab and panel where it appears, and whether dcTrack or Dell OME is the system of record for that field as of the Dell OME connector v1.

Type	Subtab	Panel	dcTrack Field	API Field	System of Record
Standard	Items Detail	Hardware	Make	cmbMake	dcTrack
			Model	cmbModel	
			Serial Number	tiSerialNumber	
		Identity	Name	tiName	
	Placement	Location	cmbLocation		
	Asset & Maintenance	Dates	Contract Start Date	contractStartDate	
			Contract End Date	contractEndDate	
	Configuration	N/A	CPU Type	tiCpuType	
			CPU Quantity	tiCpuQuantity	
			RAM (GB)	tiRAM	
DISK (GB)			tiDiskGB		
Custom	Integrations	Access	Virtual Console IP	tiCustomField_Virtual Console IP	Dell OME
			Virtual Console URL	tiCustomField_Virtual Console URL	
		Configuration	CPU Type_	tiCustomField_CPU Type_	
			CPU Quantity_	tiCustomField_CPU Quantity_	
			CPU Sockets_	tiCustomField_CPU Sockets_	
			CPU Cores/Socket	tiCustomField_CPU Cores/Socket	
			RAM (GB)_	tiCustomField_RAM (GB)_	
			RAM Slots_	tiCustomField_RAM Slots_	
			RAM Summary	tiCustomField_RAM Summary	
			DISK (GB)_	tiCustomField_DISK (GB)_	
			Drive Count	tiCustomField_Drive Count	
			Drive Summary	tiCustomField_Drive Summary	
			PSU Count	tiCustomField_PSU Count	
			PSU Summary	tiCustomField_PSU Summary	
			PCI Card Count	tiCustomField_PCI Card Count	
			PCI Card Summary	tiCustomField_PCI Card Summary	
		Measurements	Inlet Temperature (C)	tiCustomField_Inlet Temperature (C)	
			Actual Power (W)	tiCustomField_Actual Power (W)	
			Fan Summary	tiCustomField_Fan Summary	
		Maintenance	Contract Start Date_	tiCustomField_Contract Start Date_	
			Contract End Date_	tiCustomField_Contract End Date_	

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