## Sunbird DCIM: Complete Direct Current Power Management



Sunbird DCIM software fully supports direct current power chain objects such as fuse alarm panel, battery distribution bay, battery distribution circuit breaker, battery distribution fuse bay, DC power system, rectifiers, and compute devices including servers, blade chassis, telecom gear, etc.

Our power chain management capabilities include the ability to fully build out your power chain to track capacities and utilization at every point including breakers and batteries. We enable rich 3D visualization for easy tracing of problems and provide useful reporting capabilities such as "what is connected to any object in the power chain?" so that you can understand redundancies and contact users during maintenance periods.

#### Asset Management

- Maintenance, lease, and configuration information
- Unlimited custom fields to track any attribute
- Models library with over 37,000 smart models across 450 manufacturers

#### **Connectivity Management**

- Build power and data circuits, including structured cabling
- Visual trace routes of port-level power and network paths
- Validation for physical connections and media types

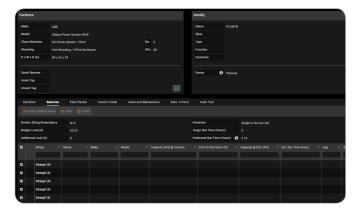
## Rich 3D Visualization

Sunbird provides rich 3D visualization which allows you to explore sites remotely.



### DC Power Plant Details

DC Power Plant details page with complete information about rectifiers, batteries, plant panels, and audit trail.





#### **Capacity Management**

- Power, space, cooling, and connectors
- Search for and reserve capacity
- Find stranded power, space, and cooling capacity

#### Change Management

- Workflow for change requests
- Request approvals, status, and history
- Connect to ticketing and CMDB systems

## Business Intelligence Dashboards

Our business intelligence dashboards allow you to track all your key performance indicators.



### **Rectifier Details**

Rectifier details page with full specifications including the output voltage and current.

Hardware			Identity			Placement
Make			Name			Location
Model			Alias			Plant
Class/Subclass	DC Power System / Rectifier		Type			Bay
Mounting	Non-Rackable / Fixed	RUs S	Function			Rails Used
H x W x D (in)			Customer			U Position
						Orientation
Serial Number			Status 🚯	Planned		
Asset Tag						Location Re
eAsset Tag						
	Asset and Maintenance Co	nfiguration Data - 0 Ports Au				
Rectifier Specifical	tion					
Output Cepecity (A						
Output Voltage (Vd	sc) -48					
Rectifier Belongs T	To					
Plant (						
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AN001 April 2021

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# Sunbird DCIM: Complete Direct Current Power Management

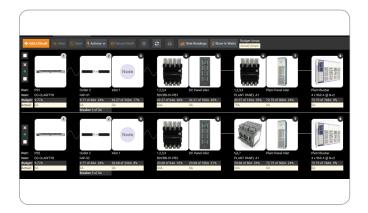


DC power consumer devices with dual 48 volt power supplies. See in cabinet elevation view.

Hardware					Identity					
Make					Name	DO-CLA	RITY8			
Model	PowerEdge R610				Alias					
Class/Subclass	Device / Standard		lbs 39		Туре					
Mounting	Rackable / Fixed		RUs 1		Function					
H x W x D (in)					Customer	Human	Resources			
Serial Number					Status	1 Plannes				
Asset Tag										
eAsset Tag										
eAsset Tag Custom Fields	Asset and Maintenance	Configuration		Power Su	ppły - 4 Ports	Break/Fix	Tracking	Audit Trail		Cage
Custom Fields	Asset and Maintenance			_		Break/Fix	Tracking	Audit Trail	Parts	Cage
Custom Fields				_		Break/Fix 860	Tracking	Audit Trail	Parts	Cage I
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Custom Fields				r 💡 Get Re	adings Effective Power Potential Power		Tracking			Cage Phase 1
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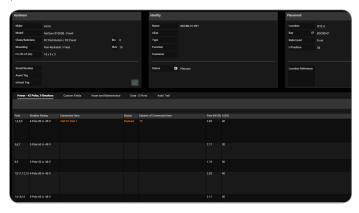
### DC Power Chain Visualization

Full DC power chain visualization and redundancy validation with budget and actual measured power.



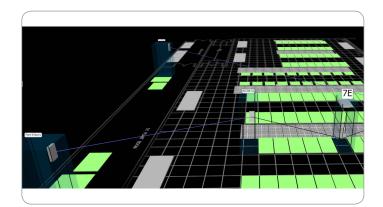
## DC Power Panel Schedule

Keep track of your DC power panel schedule including poles, breaker ratings, measured amps, and available power.



## 3D Visualization of Power Chain

3D visualization of power chain from power plant to compute device. See where your redundant power sources are.



## Call 732.993.4476 or visit SunbirdDCIM.com

#### About Sunbird Software

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 Somerset, NJ, Sunbird serves over 1,650 DCIM customers worldwide. For more information, please visit SunbirdDCIM.com.

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Application Note