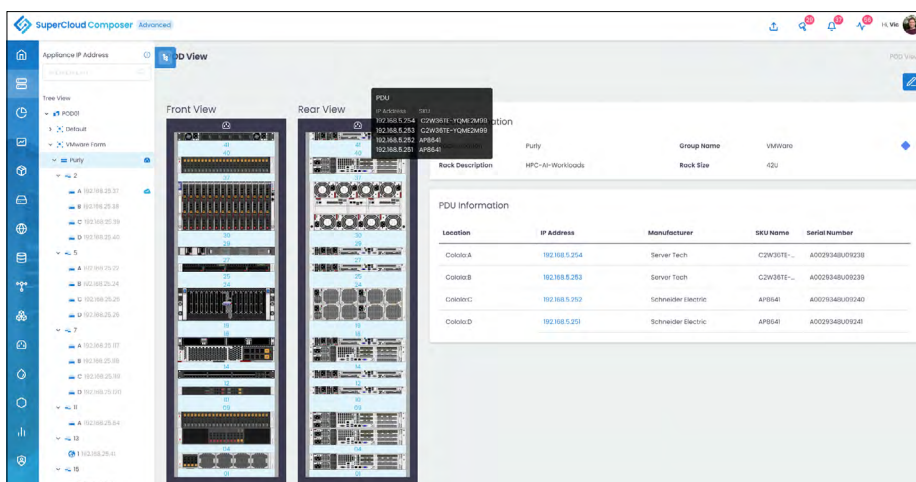# SUPERCLOUD COMPOSER®
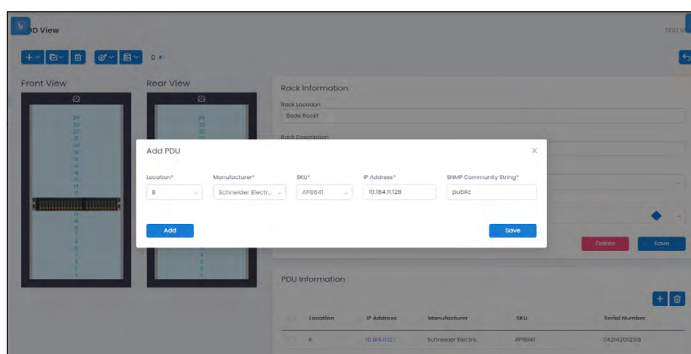## Your Passport to an Intelligent Power Data Center

SuperCloud Composers' PDU (Power Distribution Unit) Console Module collects vital physical asset information and sensor data from the PDU itself. Along the left side pane, data is represented in a hierarchical tree view where the end-user can easily navigate the location of the PDU within a rack. Users can obtain vital real time PDU sensor data allowing them to maintain operating efficiency of their smart PDU racks.

SCC robust composer engine can orchestrate cloud workloads through a streamlined industry-standard Redfish API.
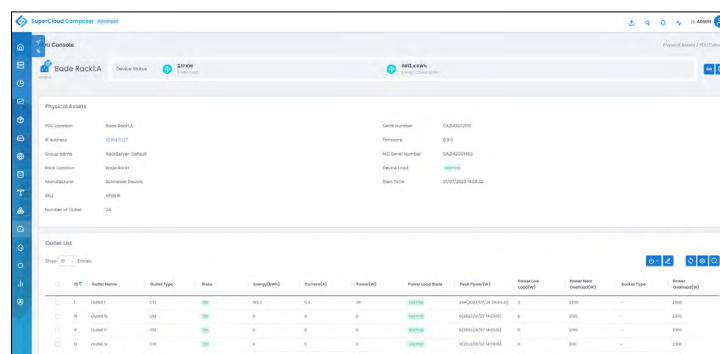
SuperCloud Composer® monitors and manages a wide, multi-generation range of Supermicro servers and third-party systems from a single unified console through its data center lifecycle management features.
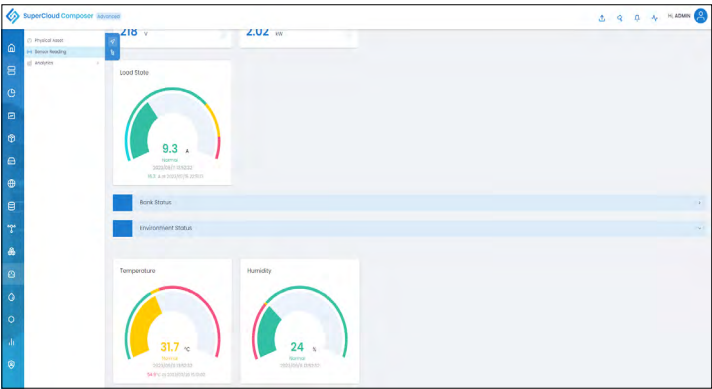

Benefits	Features
Savings in CAPEX and OPEX	• Expands on Optimized Supermicro Building Block Solutions • Third Party Vendor Support
Intelligent Data Center Management	• POD & Rack-level Management (including ToR switch) • Asset Management (Monitoring, Updates) • GPU/Storage Performance Metrics • CDU Lifecycle Management • Smart PDU Lifecycle Management
Frictionless Deployments	• Zero Touch Provisioning for Network Configuration • Hardware Lifecycle Management for Software Defined Data Center • Northbound Redfish APIs Provides Seamless Integration
Dynamically Configured Servers	• Zero Touch OS Deployment in Seconds
Device Scaling of Resources	• Monitor and Manage Resource Pools in Composable Disaggregated Infrastructure • Software Defined Node Composer • Support for 3rd Party Devices Expands Available Resource Selection
Unified End User Experience Data Driven Decisions	• Single Pane of Glass for Data Center Deployment • Rich Analytics & Telemetry
Compliance & Governance	• Policy Based Call Alert Management • SSL Security Compliance • User Define Role Based Access Control

Utilize SCC's streamlined API to configure and register the PDU within POD View. Once your configuration is complete your PDU appliance is ready to perform lifecycle management.

The PDU Console management solution offers flexibility to perform power on/off control of PDU outlets, PDU appliance asset collection, and real time energy usage for edge or physical appliances within a data center.

PDU Console aggregates PDU's historical data and visually represents it in charts, graphs, and tables that offer a rich, granular scope. Additionally, it provides administrators performance metrics at-a-glance, telemetry, update-to-date or comprehensive historical monitoring, predictive analytics, and accurate alert notification.

Improve PUE operating efficiency by utilizing SCC's intuitive smart PDU management function. By utilizing SCC's intuitive pane view, harvest important up-to-date sensor data in seconds, and performs critical data center energy management decisions for a HPC rack where smart PDUs are installed.

SuperCloud Composer® License Structure

Type of Licenses	Description	License P/N
Trial License	• Free 90-days trial license with full-functionality activation. Applicable only for SCC instance.	• SFT-SDDC-TRIAL
Monitor License	• Single monitored system license activation. One license key per system managed by SCC instance.	• SFT-SDDC-SINGLE
DCMS License	• CMS license. Required to enable advanced BMC features in SuperCloud Composer®. One license key per system managed by SCC instance.	• SFT-DCMS-SINGLE

Try SuperCloud Composer® Today!

Get the free limited trial version of the SuperCloud Composer® today and experience a new and revolutionary way to manage your data center with agility, speed, and simplicity.

Go to www.supermicro.com/scc or scan the QR code to visit the SuperCloud Composer® product web page and apply for your free 90-days trial license application:

SCC White Paper

SCC Web Page

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