

# SuperCloud Software Suite

Intelligent Software for DCBBS AI Infrastructure Management



## Optimized for Next-Generation AI NeoCloud & Enterprise Service Providers

- Delivers comprehensive management, automation, and optimization tools for modern data centers & AI workloads
- Provides software - from provisioning to managing to maintaining - to ensure fastest time-to-online and maximum performance at all time
- Enables multi-tenant, self-service, AI clouds with Bare-Metal as a Service, VM as a Service, GPU as a Service, and AI Model as a Service built for Supermicro Data Center Building Block Solutions (DCBBS)

## SuperCloud Composer for DCBBS

SuperCloud Composer delivers unified rack-scale and liquid cooling management across servers, networks, PDUs, CDUs, and 3rd-party systems. It provides power management, advanced leak detection, protection, and alerts to safeguard GPU and cooling infrastructure. With observability and tuning at scale, SuperCloud Composer manages 20K+ hosts through a single portal.

## SuperCloud Developer Experience Console

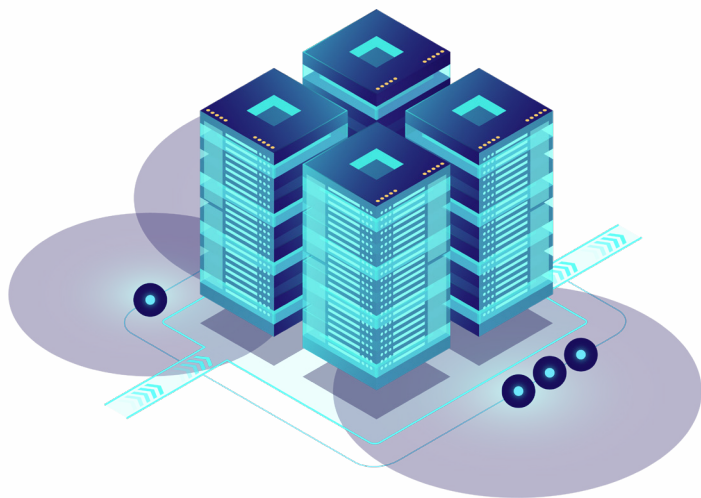
SuperCloud Developer Experience Console is a developer-oriented AI experience console that brings GPU as a Service (GPUaaS), Kubernetes, Machine Learning pipelines, and data services into one workspace. Unlike other infrastructure-only consoles, it delivers turnkey developer agility with self-service provisioning, AI-native workflows, and built-in observability, empowering teams to go from code to model faster and safer.

## SuperCloud Automation Center

SuperCloud Automation Center delivers pre-built, enterprise-grade automation for data center and edge infrastructure. It covers everything from firmware and OS provisioning to Kubernetes and AI workload enablement while ensuring security, scalability and governance.

## SuperCloud Director

SuperCloud Director delivers multi-tenant AI cloud control with integrated bare metal, Ethernet & Infiniband network multi-tenancy, and storage management, optimizing performance, security, and developer agility. Unlike generic cloud management tools, this software is purpose-built for GPU as a Service (GPUaaS), AI factory deployments, and hyperscale operations.



### SuperCloud Composer for DCBBS

SuperCloud Composer (SCC) is an all-in-one platform that provides a unified dashboard to manage rack-scale and liquid cooling hardware.

#### Capabilities:

- Protects expensive GPU systems and liquid cooling equipment

#### Outcomes:

- Improves IT productivity
- Saves power/OPEX cost with power consumption optimization



### SuperCloud Automation Center

SuperCloud Automation Center (SCAC) is a scalable workflow engine with pre-built workflows that can be extended using Ansible, Shell Scripts, and other automation scripts to enable self-service runbook automation.

#### Capabilities:

- Delivers pre-built workflows for OS provisioning, Kubernetes/OpenShift, Slurm, SuperCloud Software, Firmware updates, and GPU benchmarking from data center to edge

#### Outcomes:

- Operational Efficiency: cut repetitive manual work by 30 to 50% freeing engineers for higher value projects
- Risk Assurance: ensure security and compliance with integrated AAA, RBAC, and Secrets Management



## SuperCloud Developer Experience Console

SuperCloud Developer Experience (SDX) Console is a developer -first AI experience console that brings together PyTorch, Jupyter, containers, AI models, virtual machines, and data services into one workspace. SDX enables GPUaaS across multiple workspaces on top of industry-standard Kubernetes.

### Capabilities:

- Self-service GPU workspaces with containers, virtual machines, AI models, Jupyter, PyTorch pre-integrated
- Multi-workspace developer environments with RBAC, SSO, and secrets management.
- Intelligent GPU slicing & optimization across NVIDIA, AMD, and Intel

### Outcomes:

- AI Developer Velocity: reduce time to model experimentation and tuning by up to 60%
- Performance Assurance: patented GPU independent time-sharing GPU slicer enables increased utilization and multi-workspace cluster sharing



## SuperCloud Director

SuperCloud Director (SCD) delivers multi-tenant AI cloud control with integrated bare metal compute, Ethernet & Infiniband network, and multiple storage platforms. Unlike generic cloud management tools, SCD is built for GPUaaS, AI factory deployments, and hyperscale operations.

### Capabilities:

- Secure, self-service multi-tenancy with network and compute isolation at scale
- Single self-service interface for bare metal server and network provisioning, integrated with SCAC and SDX

### Outcomes:

- Faster Time-to-Online (TTO): up to 40% faster tenant onboarding, accelerating AI model delivery and revenue generation
- Risk Assurance: unified authentication, authorization, auditing, and role-scoped policies ensure compliance from day one. Complete audit trails for every infrastructure action, aiding regulated industries to deliver GPU Servers as a Service

## SuperCloud Composer for DCBBS

Item No	Description	License Duration
SFT-SDLCR-NODE	Liquid cooling management for Direct Liquid Cooling Server with Supermicro-defined BMC standard	Perpetual
SFT-SDLCR-SUP-STD-3Y	SuperCloud Composer (SCC) M-F 9-5 DLC Support Service, Supermicro BMC System. Single Node Subscription, 3 YEARS.	3 years
SFT-SDLCR-SUP-GLD-3Y	SuperCloud Composer (SCC) 24x7 DLC Support Service, Supermicro BMC System. Single Node Subscription, 3 YEARS.	3 years
SFT-ODLCR-NODE	Liquid cooling management for Direct Liquid Cooling Server with OpenBMC-shared by vendor	Perpetual
SFT-ODLCR-SUP-STD-3Y	M-F Standard (9-5 PM PT) Support for SCC to do Rack Mgmt DLC with Open BMC Systems. Single Systems, 3 Years.	3 years
SFT-ODLCR-SUP-GLD-3Y	24x7 Gold Support for SCC to do Rack Mgmt DLC with Open BMC Systems, single system, 3yrs	3 years

## SuperCloud Automation Center

Item No	Description	License Duration
SFT-AUTOMATION-NODE	SuperCloud Automation Center, Perpetual, Single Node.	Perpetual
SFT-AUTOMATION-SUP-STD-3	SuperCloud Automation Center (SCAC) M-F 9-5 Support. Single Node Subscription, 3 YEARS	3 years
SFT-AUTOMATION-SUP-GLD-3	SuperCloud Automation Center (SCAC) 24x7 Support. Single Node Subscription, 3 YEARS.	3 years

## SuperCloud Developer Experience Console

Item No	Description	License Duration
SFT-AICON-NODE-1Y	SuperCloud Developer Console, Subscription, 1 YEAR. PER NODE.	1 year
SFT-AICON-NODE-3Y	SuperCloud Developer Console, Subscription, 3 YEARS. PER NODE.	3 years
SFT-AICON-NODE-5Y	SuperCloud Developer Console, Subscription, 5 YEARS. PER NODE.	5 years
SFT-AICON-SUP-STD-1Y	SuperCloud Developer Console M-F 9-5 Support. Subscription. 1 YEAR. PER NODE.	1 year
SFT-AICON-SUP-STD-3Y	SuperCloud Developer Console M-F 9-5 Support. Subscription. 3 YEARS. PER NODE.	3 years
SFT-AICON-SUP-GLD-3Y	SuperCloud Developer Console 24x7 Support. Subscription. 3 YEARS. PER NODE.	3 years

## SuperCloud Director

Item No	Description	License Duration
SFT-CLD-DIR-NODE-1Y	SuperCloud Director, Subscription, Single Node, 1 YEAR.	1 year
SFT-CLD-DIR-NODE-3Y	SuperCloud Director, Subscription, Single Node, 3 YEARS.	3 years
SFT-CLD-DIR-NODE-5Y	SuperCloud Director, Subscription, Single Node, 5 YEARS.	5 years
SFT-CLD-DIR-SUP-STD-1Y	SuperCloud Director M-F 9-5 Support. Single Node Subscription. 1 YEAR.	1 year
SFT-CLD-DIR-SUP-STD-3Y	SuperCloud Director M-F 9-5 Support. Single Node Subscription. 3 YEARS.	3 years
SFT-CLD-DIR-SUP-GLD-3Y	SuperCloud Director 24x7 Support. Single Node Subscription. 3 YEARS.	3 years