

# HPC CLUSTER MANAGEMENT: OCF STEEL



END TO END  
CLUSTER  
MANAGEMENT

RAPID,  
CONSISTENT  
DEPLOYMENT

SINGLE PANE OF  
GLASS  
MONITORING

MULTI -  
ARCHITECTURE  
SUPPORT

FUTURE PROOF

SUPPORTED BY OCF

## INTRODUCING OCF STEEL

Building on decades of experience deploying heavily customised HPC management solutions for its customers, OCF has developed OCF Steel.

OCF Steel is a cluster management suite based upon open source technologies packaged, documented and integrated by OCF. OCF Steel offers all the tools and services required to run a world class HPC service, complimented by OCF enterprise support and optional Managed Service offerings.

OCF Steel improves deployment times and user experience with features developed in collaboration with a wide range of stakeholders alongside a cutting edge continual integration process.

OCF provides the best of breed open source tools and functionality that customers expect without the hassle of selecting and managing a number of tools.



# FEATURES & BENEFITS

- **Ease Of Use For Users/Administrators**

OCF Steel is based on tried and tested open source products, with intuitive interfaces and detailed training and user/administration manuals. This ensures that the onboarding time for users and administrators is further reduced, meaning less time to market for getting down to the business of putting your cluster to work.

- **Single-Pane-of-Glass Monitoring**

OCF Steel features a monitoring solution that not only provides a single tool to visualise information but the same tooling provides a means of alerting and automating corrective actions, the first step in a “self-healing” cluster approach.

- **Rapid Deployment**

OCF Steel offers a configuration-managed approach to deployment ensures deployments are fast, painless, meet consistency requirements and is repeatable, allowing you to move your stack between different generations of clusters with ease.

- **Asset Management**

OCF Steel's Remote monitoring and tracking of assets reduces costs, optimises business process and improves manageability.

- **Comprehensive Remote Cluster Control**

OCF Steel allows you to Manage hardware and software remotely from anywhere in the world, significantly reducing on-site support costs.

- **Multi-Architecture Support Out of the Box**

OCF Steel has been built from the ground up to allow multiple architectures to work side-by-side with no major impact to the end user, enabling simple management of heterogeneous clusters, letting you choose the right tools for each workload.

- **Security Built-In**

OCF Steel is developed from the ground up with security in mind. Leading industry standards are followed during deployments and releases are continuously kept up to date in line with these standards so you can have piece of mind that you are up to date with industry best-practices.

- **Open-Source Environment**

OCF Steel is based on Open-Source technologies ensuring you can use powerful & scalable tooling with no vendor lock-in and no licensing subscription.

- **Future Proof**

OCF Steel is developed with next-generation cloud and private cloud infrastructure as part of its roadmap, ensuring that there is flexibility to allow you to work for years to come regardless of the platform(s) you wish to run on.

- **Supported**

OCF Steel is a fully supported product with a number of enterprise level support options available to support you throughout the lifecycle of your cluster.