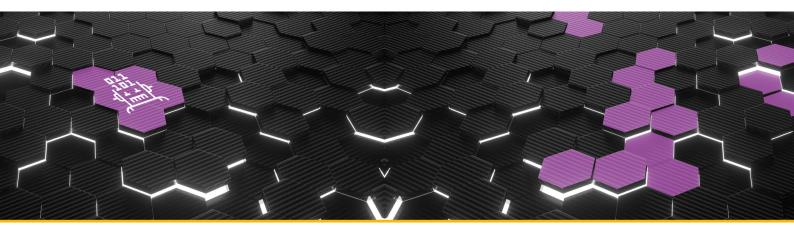


# **AI & Deep Learning Solution Brief**



### Why Use BeeGFS

BeeGFS is widely seen as an easy-deployable alternative to other parallel file systems and is deployed at thousands of sites around the globe, providing fast access to storage systems of all kinds and sizes in all performance-oriented environments including and not limited to HPC, AI and Deep Learning, Lifesciences and Oil and Gas.

The BeeGFS userspace architecture is "state-of-the-art" allowing users to manage any IO profile requirements without performance restrictions and provides the scalability & flexibility that is required to run the most demanding HPC, AI, or business-critical applications.

BeeGFS allows customers to invest in scalable HPC and AI infrastructures, that deliver from small sites to large scale-out environments, relieving the full bandwidths of their hardware components. BeeGFS increases productivity by delivering faster results, enabling new data analysis methods without changing workflows or applications.

### **Key Aspects**

Performance

Well-balanced from small to large files

Scalability

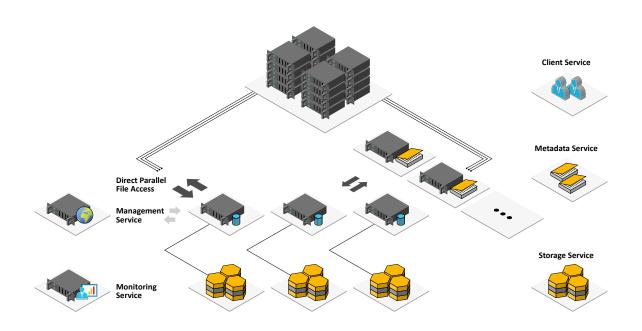
Increase file system performance and capacity, seamlessly and nondisruptive

Ease of Use

Easy to deploy and integrate with existing infrastructure

Robust

High availability design enabling continuous operations





# **AI & Deep Learning Solution Brief**

# Accelerate cognitive workflows and infrastructures with BeeGFS

From autonomous vehicles to machines merging to imitate intelligent human behavior, the modern architectural concept of BeeGFS makes it a perfect fit AI and Deep Learning environments. BeeGFS accelerates cognitive infrastructures and workflows in all dimensions (small, large systems) by delivering the required performance and scalability. Based on the BeeGFS business model, we help enterprise customers invest in cognitive environments & reduce TCO.

# Metadata Server #1 ... Compute Nodes 1...N Storage Server #2 Storage Server #3 Storage Server #4 ...

## **Enterprise features**

Whilst the Community Edition of BeeGFS can be used free of charge, the Enterprise Edition must be used under a professional support subscription contract. A professional support subscription contract not only allows you to use the enterprise features and functionalities, it

	Community Edition	Enterprise Edition
Community Mailing List	<b>⊘</b>	<b>⊘</b>
Free Updates		$\overline{igorphi}$
Ready to use binary packages and source code	<b>⊘</b>	$\checkmark$
Direct access to support		<b>✓</b>
Next Business Day Service Level Agreements for Support (Higher SLA on request)		<b>⊘</b>
Resiliency		<b>✓</b>
Quota Enforcement		$\overline{igorphi}$
Access Control Lists (ACLs)		<b>✓</b>
Storage Pools		<b>✓</b>
Early updates and hotfixes		$\overline{igorphi}$

