



**SARDINA
SYSTEMS**

Sardina FishOS partnered with Datera Data Services Platform to offer a revolutionary software-defined data center platform for an ultra-reliable enterprise cloud environment.

The joint platform delivers a flexible, automated turnkey Kubernetes infrastructure for containerized enterprise workload with data security and protection, and proven, enterprise-class performance block and S3 object storage software. The platform is designed for Kubernetes containers using standard, cost-effective x86 servers — with AI-powered operational simplicity through automation.

**AGILE
ULTRA-RELIABLE
KUBERNETES
PLATFORM**

BENEFITS

SOFTWARE- DEFINED DATA CENTER: NO LOCK-IN	OPTIMIZED TCO: 10X LOWER OPEX & CAPEX	ON-PREMISE PUBLIC CLOUD AUTOMATION, RELIABILITY	SCALABLE, AGILE MULTI- TENANT KUBERNETES	ELASTIC PAY- AS-YOU-GROW ECONOMICS
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FishOS with Datera enable enterprises to benefit from Kubernetes-as-a-Service built on software-defined infrastructure. Kubernetes-as-a-Service platform provides automation, scalability, flexibility and reliability of Amazon AWS/Google Cloud Platform/Azure clouds, with no hardware lock-in and on-premise.

This revolutionary platform delivers a full cloud solution, with automation tools for the full lifecycle of Kubernetes cloud operations. Unlock agile resources on demand, with full Kubernetes functionalities, accelerate time to “live”, and remove the complexity of deploying, operating and upgrading.

The platform is modularly scalable to fit enterprise workload growth, high available by default, with intelligent self-healing operations, seamless rolling upgrades.

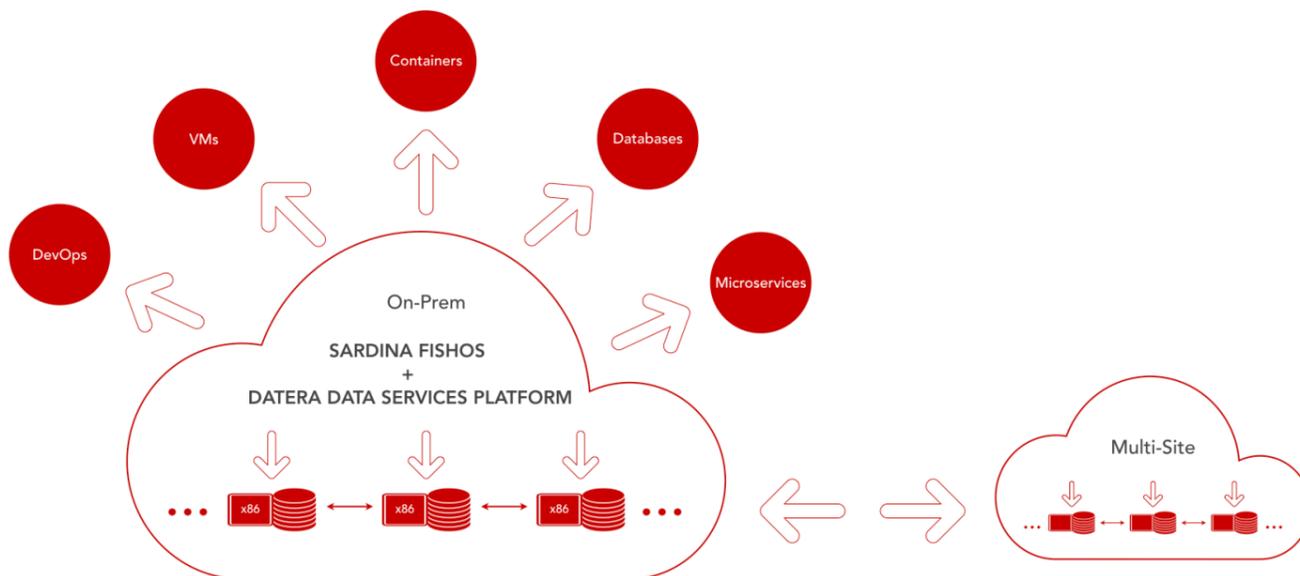
OUR PARTNER

Datera develops software-defined storage for virtualized environments, databases, cloud, DevOps, micro services and container deployments. It provides operations-free delivery and orchestration of data at scale for any application within traditional data centers, private clouds or hybrid clouds.

datera.io



Kubernetes-as-a-Service: Proven, enterprise-class software defined infrastructure



FISHOS + DATERA VALUES

DEPLOY, OPERATE, UPGRADE Full-lifecycle view on Kubernetes infrastructure orchestration: confidently, predictably, reproducibly deploy, reliably operate, upgrade with zero-downtime.

FAST, AUTOMATED & OPTIMAL RESOURCE MANAGEMENT AI-powered to optimally, rapidly right-places and rebalances workload in dynamically changing data centers. Optimized performance and infrastructure at constant TCO.

RELIABLE PLATFORM Built for high availability, redundancy, high service uptime. AI-powered Health Engine ensures workload continuity, data protection, system health and availability.

BUILT IN DATA RESILIENCE Enterprise-ready data security functionalities, including persistent storage backends, data resilience for entire Kubernetes bays.

DATA ORCHESTRATION Integrated self-optimization of data writes, reads, replicas, relocations, live data migration, and rapid self-healing for each volume.

ENTERPRISE PERFORMANCE Consistent sub-200uS latencies with advanced data services, QoS, and scalability to millions of IOPS are delivered in a high performance, multi-tenancy and scale-out architecture.

FUTURE-READY CHOICE 100% freedom to use heterogeneous x86 servers from any vendor and multiple types of storage and compute technologies on-the-fly.

SMART PREDICTIVE OPERATIONS 10x reduction in total costs through machine learning and policy-based automation that eliminates manual tasks and provides continuous availability.

ABOUT SARDINA SYSTEMS

Founded in 2014, Sardina Systems makes infrastructure invisible, elevating IT to focus on enterprise applications and services. FishOS natively converges server, storage, virtualization and networking into a resilient, software-defined AI-based solution. Optimized performance, cloud flexibility, robust security, for all enterprise applications at any scale.

Sardina Systems has operations in Romania, Russia, Slovakia and the UK.

PRODUCTS FishOS | Hyperconverged FishOS Systems

SERVICES Consulting | Support | Development

INDUSTRIES Financial | Telecoms | Automotive & Aerospace | Bioinformatics | Advertising & New Media | Government | Research

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