



THE SOLUTION

RADCOM Network Intelligence provides a critical first step in a telecoms operator's NFV transformation, delivering end-to-end network visibility from virtual tapping point to network insights.

Sardina FishOS platform was adopted by RADCOM with the main goal to benefit of a highly scalable Software-Defined Data Center solution that can easily enable a flexible and agile computing environment to meet RADCOM's dynamic and rapidly growing workload. FishOS solution provided high value to RADCOM Network Intelligence product development and ensured optimal TCO and optimal resource utilization. This resulted into significant savings from day one of the system.

The RADCOM cloud environment it is deployed with a flexible and configurable deployment system to enable operation of the system in an Infrastructure-As-Code manner.

HIGHLY
SCALABLE
SOFTWARE
DEFINED DATA
CENTER
SOLUTION
ON FISHOS

THE BENEFITS

ENGINEERED TO SPAN MULTIPLE DATA CENTERS	OPTIMIZED TCO: 10X LOWER OPEX & CAPEX	HIGHER APPLICATIONS AGILITY	INCREASED RESILIENCE & FLEXIBILITY	ELASTIC PAY- AS-YOU-GROW ECONOMICS
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OUR CLIENT

RADCOM (Nasdaq: RDCM) is the leading expert in cloud-native, container-based network intelligence solutions for telecom operators transitioning to NFV and 5G. Powered by RADCOM's patented I.C.O.N technology, the RADCOM Network Intelligence suite delivers Intelligent, Container-based, On-demand, Network Analysis from the RAN to the Core for 5G assurance, utilizing automated and dynamic solutions with smart minimal data collection and on-demand troubleshooting.

radcom.com



JOINT SOLUTION

Sardina has developed an OpenStack-based solution design, with Sardina FishOS running on RADCOM's existing servers, to create an environment for their internal workload and software product development workload. The system started with an initial 17 nodes, and subsequently expanded to several dozens of nodes, leveraging FishOS' solution architecture which is flexible to scale up compute, storage, networking and management to fit workload growth.

"FishOS solution enabled RADCOM to reduce the time of systems deployment from weeks to hours. Adding their advanced FishOS features like flexible and on-demand deployment, efficient and scalable operations, and zero-downtime upgrade empowered us to achieve the essential workloads and fast development of RADCOM's market-leading Network Intelligence product." said Miko David, VP of R&D at RADCOM.

All the management services operate in highly available (HA) mode, to the extent that entire racks of management servers can be turned off without impacting the private cloud service, to ensure service uptime.

DEPLOY, OPERATE, UPGRADE Cutting-edge full-cycle cloud management platform that provides a smart, efficient, super-scalable OpenStack cloud, Kubernetes orchestration platform, and Ceph storage solution with zero downtime for for maximum performance and efficiency.

FAST & OPTIMAL RESOURCE MANAGEMENT, AUTOMATED REBALANCING Unique AI-powered component rapidly and accurately places and rebalances workload in dynamically changing data centers. Optimize data center operations and achieve 2x-3x utilization rate.

ACCELERATE TIME TO DEPLOYMENT Get your system up and running quicker with full-scale remote deployability.

BUILT-IN DATA RESILIENCE Enterprise-ready data security functionalities via SIEM integration, including persistent storage backends and data resilience.

FISHOS INTEGRATED SOLUTION Single point of contact for software and hardware. Rely on proven experience with automated and innovative cloud platform pre-built on reliable hardware. Start benefiting from Integrated Solution and cut your cloud costs in half.

ZERO DOWNTIME OPENSTACK UPGRADE In 2016, Sardina Systems introduced the world's first Zero Downtime Upgrader for OpenStack clouds. FishOS Upgrader's superpower lies in its ability to plan the update process in a way that does not affect the system's workload.

HIGH SCALABILITY FishOS is designed to scale effortlessly, handling over 100,000 physical servers by a single operator.

AWARD-WINNING Multiple industry awards winner, including the DCD Open Data Center Project Award and the IDC HPC Innovation Excellence Award.

FISHOS CAPABILITIES

TRUSTED BY



ABOUT SARDINA SYSTEMS

Sardina Systems is a UK-based company operating globally with a local presence in Germany, Luxembourg, and Southeast Asia.

Founded in 2014, Sardina Systems provides an award-winning, world-class, intelligent, and automated cloud platform enabling corporations to greatly increase service assurance, application agility, and operational reliability, reduce operational complexity and carbon footprint, coupled with increased IT operations flexibility and unparalleled efficiency of scale.

PRODUCTS FishOS | FishOS Integrated Solution

SERVICES Consulting | Support | Development

INDUSTRIES Telecoms | Automotive & Aerospace | Bioinformatics | Healthcare |

Advertising & New Media | Government | Research | Financial

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