SPARC Modernization

Outdated SPARC Environments Pose Challenges

SPARC is proven technology, well known for high performance, high availability and serving the most mission-critical applications. However, product lifecycle announcements put organizations in a challenging position as they face rewriting applications for migration or replacement on X86 platforms, high ongoing maintenance costs and aging technology.

A New Strategy for Modernizing SPARC

ViON offers an alternative strategy that provides SPARC technology modernization, reduced software licensing cost, a significant reduction or even elimination of maintenance costs, and relief from high risk, time driven, high stakes application rewrites.

ViON helps modernize SPARC environments by leveraging the Fujitsu SPARC M12 high-performance server family (fully compliant and endorsed by Oracle). We offer customers a platform supporting up to 32x SPARC64 XII processors (4.25 GHz), 384 cores and 32TB memory. This scalable solution delivers 2.3x greater processing power than the most previous SPARC generations and nearly six times greater power than the T4, enabling modernization, consolidation and cost savings.

Fujitsu SPARC M12 high-performance server family (fully compliant and endorsed by Oracle).

SPARC Chip	M12 Relative Peak Performance	M12 Core Reduction*
T5	4.7x	60%
T7	4.1x	49%
M10	2.3x	26%

* Results will vary by workload

Example performance improvements are taken from SPEC RATE benchmark scores on a per core basis and from Oracle database and JAVA benchmarks.

ViON's Infrastructure as-a-Service Model

ViON has almost 20 years' experience delivering technology to government in an Infrastructure as-a-Service (IaaS) model. Now our customers can fully modernize their SPARC environments, drive cost savings, deliver superior performance and availability to their customers, move to cloud and properly plan and execute their migration to SPARC replacement technology on their own schedule.

How ViON IaaS Works

With ViON IaaS, customers can deploy SPARC technology using a "pay-as-you-go" model. Infrastructure is placed in the customer's location and/or data center(s). Using our cloud financial model, ViON acquires and retains ownership of the infrastructure itself. Customers operate the infrastructure and own the processes for configuration, control and management. Or alternatively, ViON offers customizable levels of managed services to provide services on behalf of our customers.

Once the infrastructure is deployed, customers issue call orders using our secure, cloud-based services platform, ViON MarketPlace®, to add or remove data center capacity as demand dictates, allowing for rapid scaling. Customers pay only for capacity allocated, with no minimums, ceiling or penalty for early deactivation. ViON's IaaS is provided ready-for-use (RFU) at a single fixed price.

All ViON Infrastructure as-a-Service solutions are backed by our security-cleared, U.S.-based 24/7/365 support center and dedicated Professional and Managed Services teams. Our data center cloud services include multi-tiered managed services packages that allow agencies to select their ideal level of ongoing support.

ViON's Professional and Managed Services deliver:

• U.S.-based 24/7/365 Management

• Guaranteed Service Levels Backed by SLAs

• Complete Implementation According to Industry Best Practices

• Metrics focused on Business Outcomes

To learn more, go to **vion.com/SPARC** or email us at **info@vion.com**.

About ViON Corporation

ViON Corporation is a cloud service provider with over 40 years' experience designing and delivering enterprise data center solutions for government agencies and commercial businesses. The company provides a large portfolio of IT as-a-Service, including infrastructure, multi-cloud and artificial intelligence (AI) solutions. Focused on supporting the customer's IT modernization requirements, ViON's Enterprise Cloud is changing cloud management for the market, providing a streamlined platform to audit and control technology in an evolving multi-cloud world. The ViON Marketplace® allows customers to research, compare, procure and manage a full range of everything as-a-Service solutions from leading manufacturers via a single portal. ViON delivers an outstanding customer experience at every step with professional and managed services, backed by highly-trained, cleared resources. A veteran-owned company based in Herndon, Virginia, the company has field offices throughout the U.S. (**vion.com**).

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