Accelerating High Performance Computing (HPC) Modernization

ViON® has over 40 years of experience helping our customers modernize technology and driving successful outcomes. We deliver partnerships with industry-leading manufacturers that, like ViON, have a passion for solving the most complex enterprise IT challenges. Partnering with Fujitsu, ViON is helping customers deploy industry-leading HPC solutions for their data-intensive applications.

Fujitsu PRIMEHPC FX700 ARM® A64FX Servers

Fujitsu has partnered with ViON for North America delivery and support of the PRIMEHPC FX700. This now commercially available solution uses Fujitsu's ARM-based A64FX CPU, the same CPU used by FUGAKU, the fastest Supercomputer in the world jointly being developed by Fujitsu and RIKEN. The A64FX was developed with high-performance and low power in mind – providing higher performance per watt. This translates directly to significant cost savings, as well as exceptional system consolidation opportunities within your data center. Compared to existing industry CPU architectures, the FX700 offers transformational performance available nearly out-of-the-box, with additional performance possible from tuning using Fujitsu's extensive software compiler.

ViON offers an array of HPC infrastructure solutions for advanced computing environments. With over 20 years of experience supporting sophisticated SPARC environments through our partnership with Fujitsu, we have the resources to address your most complex challenges. We support all stages of implementations including Proof of Concept (POC) testing, staging, on-site installation services along with Professional, Managed and Support Services to ensure our customers get the solution that meets their exact requirements. ViON has a passion for solving the most complex enterprise IT and HPC challenges. We are ready to help your organization uncover how the PRIMEHPC solutions can help solve your memory intensive application and big data processing needs.
Learn more at www.vion.com/HPC.

For more information on PRIMEHPC FX700 contact:

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ViON Solutions & Services

ViON provides our customers with the expertise, service and flexibility to implement the exact solution that is right for them.

ViON Enterprise Cloud™

ViON Enterprise Cloud (VEC) delivers a hybrid, multi-cloud solution that can be managed through a single interface – bringing the public cloud experience to the private cloud environment. At its core, VEC manages multi-cloud solutions to meet the demands of our customers – whether Private, Hybrid or Public implementation of IaaS or PaaS – via ViON's Multi-Cloud Orchestration (VMCO), which gives them total control over deployment, management, tracking and governance of their cloud enterprise solutions.

Infrastructure as-a-Service (IaaS)

ViON's Infrastructure as-a-Service (IaaS) provides all facets of data center technology in an as-a-Service model, including storage, compute, network and hyperconverged infrastructure as well as capabilities like data management, data protection, back-up, recovery, archiving and data analytics without the up-front investment. We tailor our services to our customers' needs, ranging from a fully managed service to 24/7/365 support services or anywhere in-between.

Artificial Intelligence (AI)

ViON has the advanced expertise, partnerships and tools required to deliver an AI infrastructure that meets our customers' needs in an as-a-Service acquisition model. Our data scientists possess unparalleled data analytics expertise and we are part of a robust partner community that is helping organizations accelerate their AI practice and gain insights into their data.

Advanced Analytics

ViON's Advanced Analytics offerings, delivered via our validated, tested and ready-to-deploy DataAdapt Platform, accelerate the speed-to-value of big data analytics with a converged, pre-configured hardware and software stack that can be deployed as a solution or as-a-Service.

IT Infrastructure

In addition to HPC, ViON offers a complete portfolio of infrastructure solutions to support enterprise environments. From hyperconverged infrastructure (HCI) and flash storage arrays to software defined storage and object storage, ViON offers options for direct purchase or as-a-Service delivery models with Professional, Managed and Support Services to ensure our customers get the solution that meets their exact requirements.

Professional, Managed & Support Services

- **Professional Services** – ViON's Professional Services range from infrastructure performance assessments to bandwidth and data analysis.
- **Managed Services** – ViON's Managed Services incorporate the industry's best people, products, tools and methodologies to maximize the return on our customers' IT investments.
- **Support Services** – ViON employs experienced and certified Solution Delivery Consultants, along with Project Managers, to oversee complex IT deployments.

Engineering Expertise

ViON engineers receive the highest level of training and industry-standard certifications including:

- Industry professional certifications
- 25+ years providing support and customer services
- 30+ years' experience designing and implementing solutions
- 30+ years providing enterprise solutions, products and services
- Fully cleared engineering team to support DoD & Intel customers
- Full scope polygraph clearances DOE Q/L

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Building your enterprise solutions