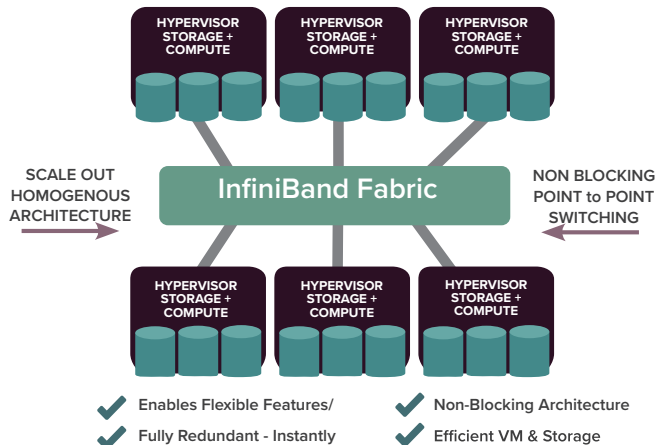# A Complete Hybrid Edge-Meets-Cloud Architecture Solution

Infrastructure to maximize performance for complex applications in demanding deployment environments.

**orionVM**
*Powering Next-Gen IaaS Solutions*

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## Easily deploy resource-intensive AI workloads at the edge



**HyperCloud Next-Gen Architecture**

HYPERVISOR STORAGE + COMPUTE

HYPERVISOR STORAGE + COMPUTE

HYPERVISOR STORAGE + COMPUTE

SCALE OUT HOMOGENOUS ARCHITECTURE

**InfiniBand Fabric**

NON BLOCKING POINT to POINT SWITCHING

HYPERVISOR STORAGE + COMPUTE

HYPERVISOR STORAGE + COMPUTE

HYPERVISOR STORAGE + COMPUTE

✓ Enables Flexible Features/
✓ Fully Redundant - Instantly

✓ Non-Blocking Architecture
✓ Efficient VM & Storage

We offer a seamlessly integrated, fully managed hybrid edge-cloud platform that is flexible and scalable to handle any and all of your compute requirements - without sacrificing performance or speed.

Gain the benefits from combining the power of OrionVM's next-gen Hypercloud technology with J-Squared's high-performance low-power, small form factor edge compute platforms.

**Next-Gen Edge Gateways and AI Compute Nodes**



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## Learn more at www.orionvm.com/edge

» **www.jsquared.com**
» **inforequest@jsquared.com**

» **www.orionvm.com**
» **sales@orionvm.com**

# Why edge and cloud together?

**1**
Rising complexities and software requirements force compute and storage architectures to continually evolve.

**2**
Many industries suffer connectivity challenges due to remote locations or unreliable network connections.

**3**
There is no "one-size-fits-all" cloud or edge computing architecture, creating the need for unique solutions.

## What benefits do OrionVM and J-Squared bring?

Optimize your costs by harnessing the **power of the cloud** and **advantages of the edge**.

### EDGE

**Deploy Anywhere**
*Ruggedized compute for harsh environments.*

**Privacy**
*Keep only the insights and discard the raw data.*

**Latency**
*Avoid lag issues with real-time compute.*

**Connectivity**
*Workloads run regardless of wireless connectivity.*

### CLOUD

**Performance**
*Take advantage of powerful cloud resources.*

**Scalability**
*Scale your resources as required.*

**Availability**
*Deploy an environment with full storage and network redundancy, and HA VM features.*

**Automation**
*Provision, expand, and update cloud resources easily and automatically with API and CLI tools.*

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