



EXECUTIVE OVERVIEW

**ClearPath Forward Fabric:  
Bringing the Future to Life**



# Today's Challenges Require a New Way of Thinking

## The IT Juggling Act

Today's IT organizations have a lot to balance: Support daily operations. Accommodate new trends. Enable strategic initiatives. The list goes on and on.

While striving to achieve these goals, the importance of a common, simplified infrastructure becomes apparent – specifically, one that supports important business processing using popular, contemporary technologies. This is the only way to give IT the agility and responsiveness required to effectively and seamlessly keep pace with shifting business needs.

But how can you gain the powerful and agile capabilities required to support the various – and rapidly changing – needs of the business?

## The New Way to Operate: A Fabric-Based Infrastructure

Unisys has the solution you need. It's a new way to operate that directly addresses the growing push for greater simplicity, cost control, and alignment between IT and the business.

It's an architectural transition that enhances and improves upon the proven, powerful attributes of ClearPath Forward™ systems – while extending them outward with the help of a common, innovative, distributed infrastructure built on industry-standard Intel® technology.

It easily accommodates existing and new distributed applications by coupling Linux® and Microsoft® Windows® environments across a secure, high-speed interconnect.

And, it gives you new opportunities to integrate commonly available skills and tools, making it simpler, faster, and more affordable to address your most urgent business demands.

**It's the ClearPath Forward fabric-based infrastructure.**





## ClearPath Forward, Evolved. And Evolving.

### Weaving the Fabric

The innovative way we've built the fabric-based infrastructure makes the delivery of IT less complex and more economical.

How? By creating a set of servers that are connected by high-speed communications technology, securely housed, and managed as a single entity.

Unlike complex, converged heterogeneous architectures, this approach takes a single ClearPath Forward system and segments it into a number of secure, isolated nodes – each with its own partitions dedicated to specific applications or workloads – all united by a high-speed interconnect.

Because these connections reside within the fabric itself, not only do you benefit from greater speed, you can significantly reduce the need for the complex cabling, network interface ports, and other equipment currently used to link individual servers to one another.

### Fabric Today, Fabric Tomorrow

The fabric-based infrastructure places your ClearPath Forward system at the center of your critical business operations. And with a concept we call the “fabric lifestyle,” we aim to keep it that way.

The fabric lifestyle is all about the freedom to shape, and actively reshape, the infrastructure in a seamless fashion as your needs change and new innovations become available.

You get the flexibility to easily incorporate the latest technologies and introduce or retire workloads, services, and technologies at will. All without any disruption to the underlying applications. Plus, you can scale and extend the fabric in parallel with your business and IT needs.

As a result, the ClearPath Forward fabric-based infrastructure becomes the dynamic, ever-evolving core of your IT operations.



# The New Digital Business

## A Look into the Fabric

So what makes the ClearPath Forward fabric-based infrastructure tick? A combination of innovative technologies, including:

- **Unisys Secure Partitioning (s-Par®):** Carves a system into isolated, secure partitions dedicated to ClearPath MCP or OS 2200 environments, as well as Windows or Linux workloads.
- **High-Speed Interconnect:** Connects nodes within the fabric, building an expansive computing complex with exceptional scalability and security, low latency, and high performance.
- **Fabric Management Software:** Complements existing ClearPath Forward management capabilities with additional functions for Windows and Linux environments.
- **Intel® x86 Technology:** Combines with Unisys intellectual property and proven enterprise capabilities to provide a common infrastructure for ClearPath Forward, Windows, and Linux deployments.

## How You'll Benefit

With the help of the ClearPath Forward fabric-based infrastructure, you can:



Achieve predictable performance



Minimize infrastructure complexities



Manage multiple partitions in a single system



Enable cross-platform application integration



Contain costs



Improve business agility

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