

Cornelis Networks

Interconnecting a Data-Driven World

83rd HPC User Forum

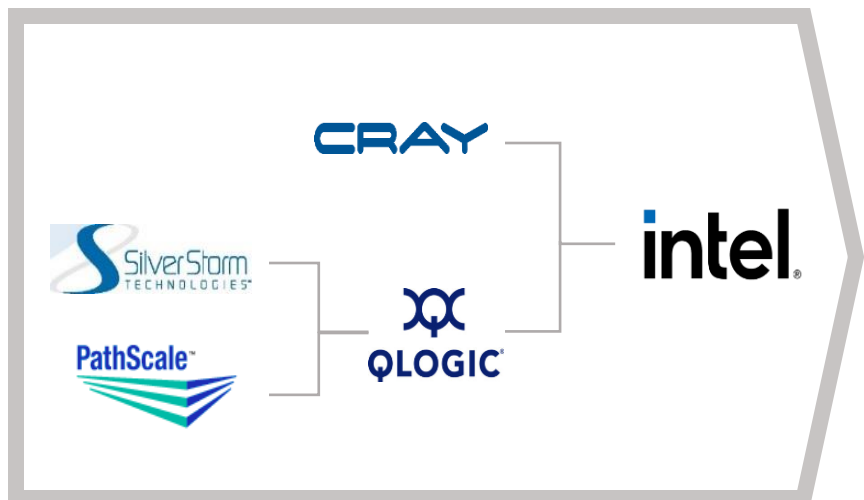
Glenn Brook

glenn.brook@cornelisnetworks.com

A History of Driving Interconnect Innovation

A PROVEN PEDIGREE

InfiniBand + Cray Aries



CORNELIS[™]
NETWORKS

Omni-Path Express

**MARKET-LEADING
TECHNOLOGY**

Predictable Performance at Scale

CONTINUING INNOVATION

Driving Fabric Performance

Roadmap Innovation to 1600Gbps

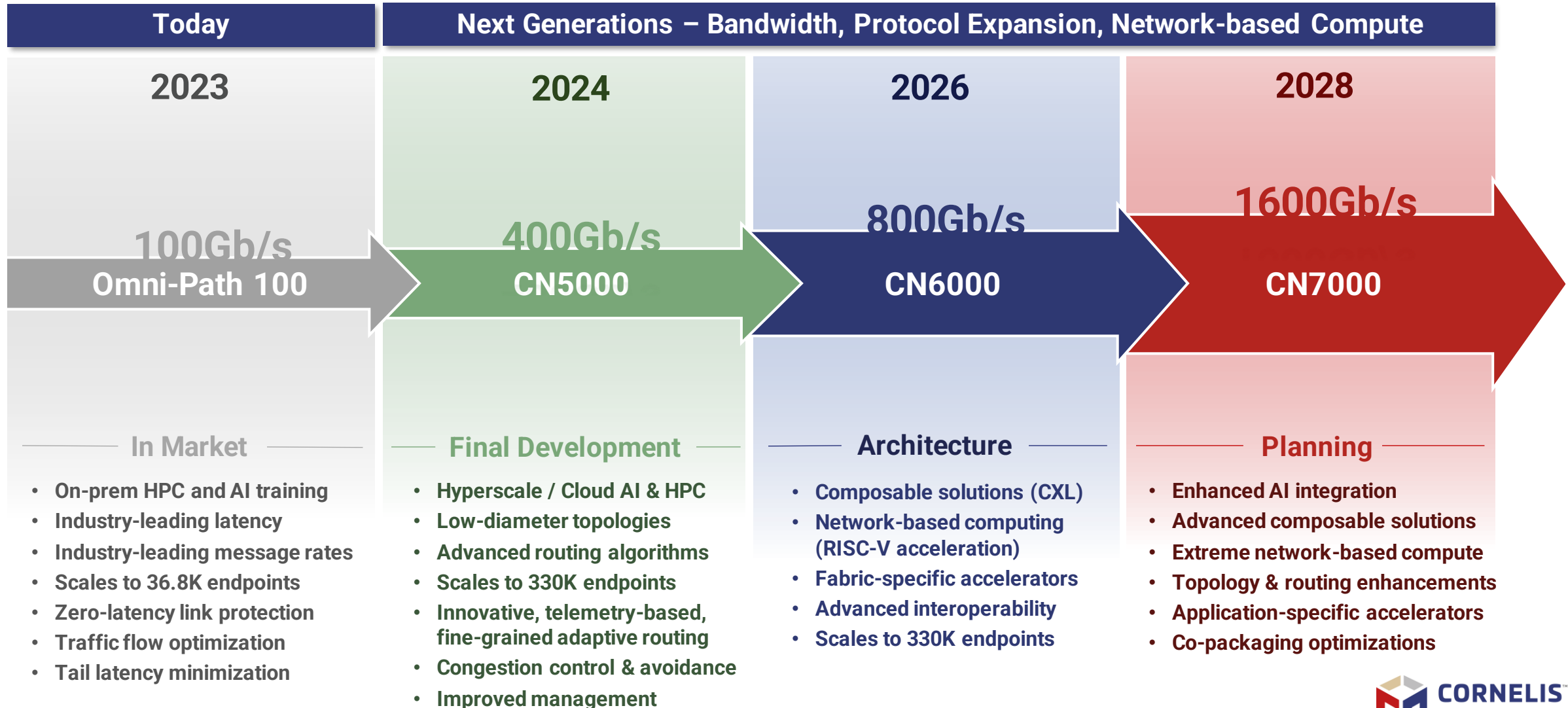
Network-based Compute

CXL Expansion

Open and Interoperable

**Unlocking the performance of technical
computing workloads for over 20 years**

Delivering Predictable Performance at Scale



Omni-Path Express – Future-proofing your Investment

Omni-Path Express Software Suite

Drivers + Provider + Management

Omni-Path 100

CN5000

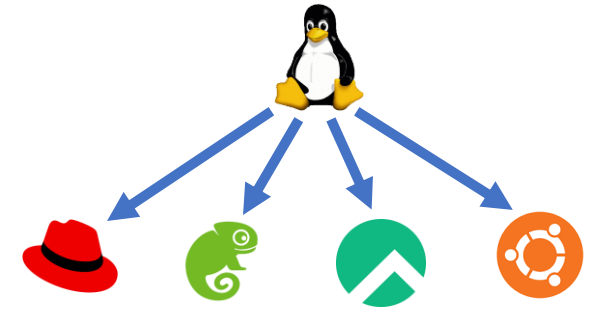
CN6000

CN7000

- Seamless transition to future Omni-Path platforms
- Consistent performance and experience across generations
- Performance tuned for HPC and AI
- Open software approach provides
 - Ease of use – It just works
 - Ease of migration
 - Complete ecosystem interoperability

Embracing an Open Ecosystem

GitHub



- Contributing to the communities we serve
 - In-tree driver
 - Upstream-first user space via libfabric
 - OpenBMC with Redfish management interfaces
 - Access fabric telemetry via public API

- Openness accelerates innovation
 - Lowers barriers to entry
 - Enhances convergence
 - Enables interoperability
 - Facilitates optimization
 - Allows customization

Help out by participating in the Open Fabrics Alliance and promoting open standards

Cornelis Networks

Interconnecting a Data-Driven World

Thank you for your time!