

NEW USE CASES FURTHER ACCELERATE DATA GROWTH

3x

Connected devices than world's population



200 PB/Day

Smart Cities per 1M people



12%

Of all Mobile traffic is 5G



3x

Total Traffic Growth













New Infrastructure

Edge Data Center

Mission Critical Applications

Low Latency is mandatory

Analytics is done at the Edge

Concentration of users increases the load and set QoS problems

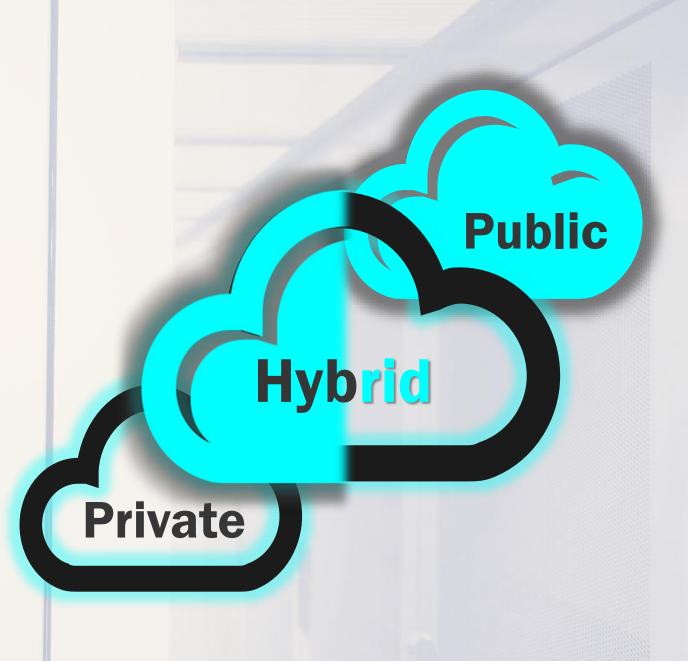
Evolving Deployments

Hybrid Clouds

Enjoy the benefits of both Clouds

Co-Location and Xchange points

Campus Core and Aggregation Networks



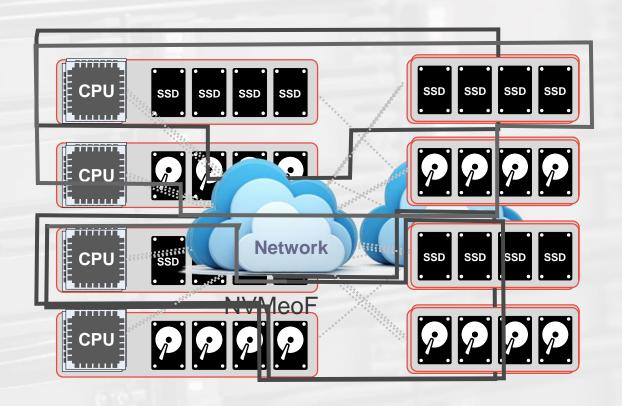
New Topologies and Architectures

Networked Storage

Hyper Converged

Disaggregated Storage

Composable Infrastructure





Prestera CX Family of Devices

High raw bandwidth without compromise on features













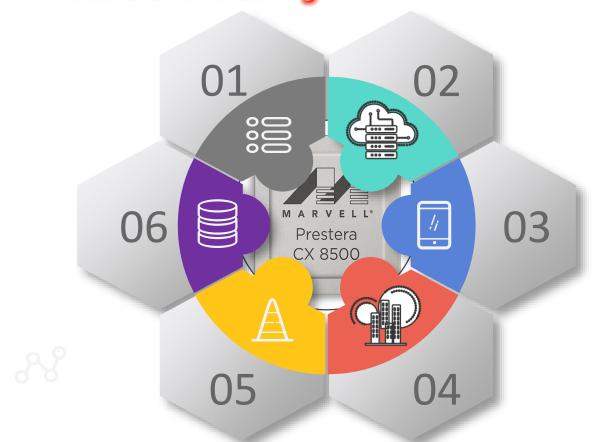
The *Perfect* fit for multiple markets

Mature and field Proven

Common Software across

Many Markets

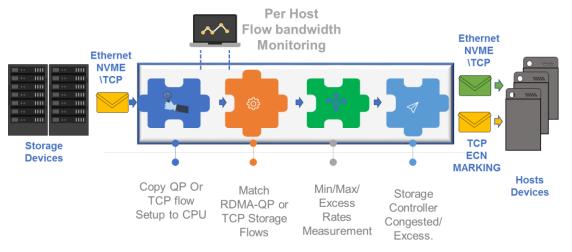
One FALCON Family

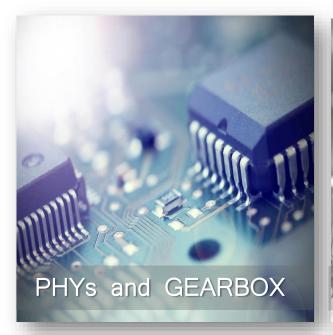


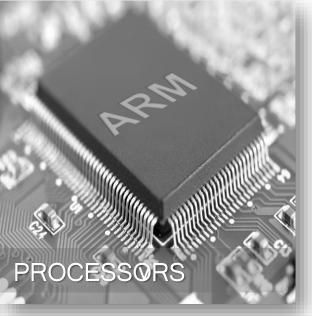
PUBLIC DATA CENTER DCTCP, Analytics, High Radix PRIVATE DATA CENTER 02 Scalability, Security, Virtualization 03 EDGE DATA CENTER Virtualization, Programmability, Power ENTERPRISE 04 Flow Management, ACL's CARRIER 05 MEF3.0, 5G Network Slicing, PTP STORAGE 06 RoCEv2 Aware, NVMeoF Offload

SAFE Technology for Composable Infrastructure

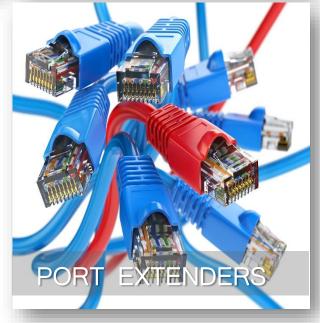
- Storage Aware Flow Engine
 - Programmable engines to support **NVMe over Fabric** classification
 - Flexible parser capable of RoCEv2, iWARP or NVMeoTCP
 - Dynamic tracking of Queue Pair connections performed in hardware
 - Analytics applied including min-max, mean latency per connection
 - Provides generic Flow Monitoring services











End to End Total Solution

Marvell's Complete complementary portfolio

Physical Connectivity

Scalable compute offerings

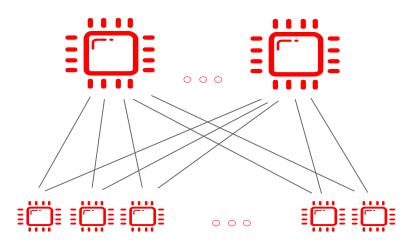
Effective Storage Networking

Maximum port fanout

FASTER Technology

- Forwarding Architecture using Slices of Terabit Ethernet Routers
 - Removing layers of network through High Radix switching cores
 - Ease of **Management**
 - Total network power reduction
 - Lower end to end Latency
 - Congestion Aware Load balancing

Prestera CX 1-32 X FALCON 12.8T



Prestera PX 4-128 X PIPE 6.4T

- Ultra-High performance demonstrated today together with IXIA AresOne platform
- Delivering high quality and mature product leveraging than 20 years of switching technologies

FALCON PERFORMANCE WITH NO COMPROMISE

SUMMARY



Marvell has a full portfolio of products across Network, Compute and storage

Come see the demo at the Marvell booth



M A R V E L L®