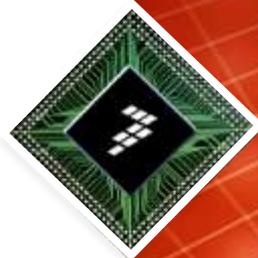




Introduction to QorIQ T Series: Scalable SoCs Designed to Meet Today's Demanding System Performance Requirements in Multiple Vertical Markets

Jeffrey Ho
Business Development

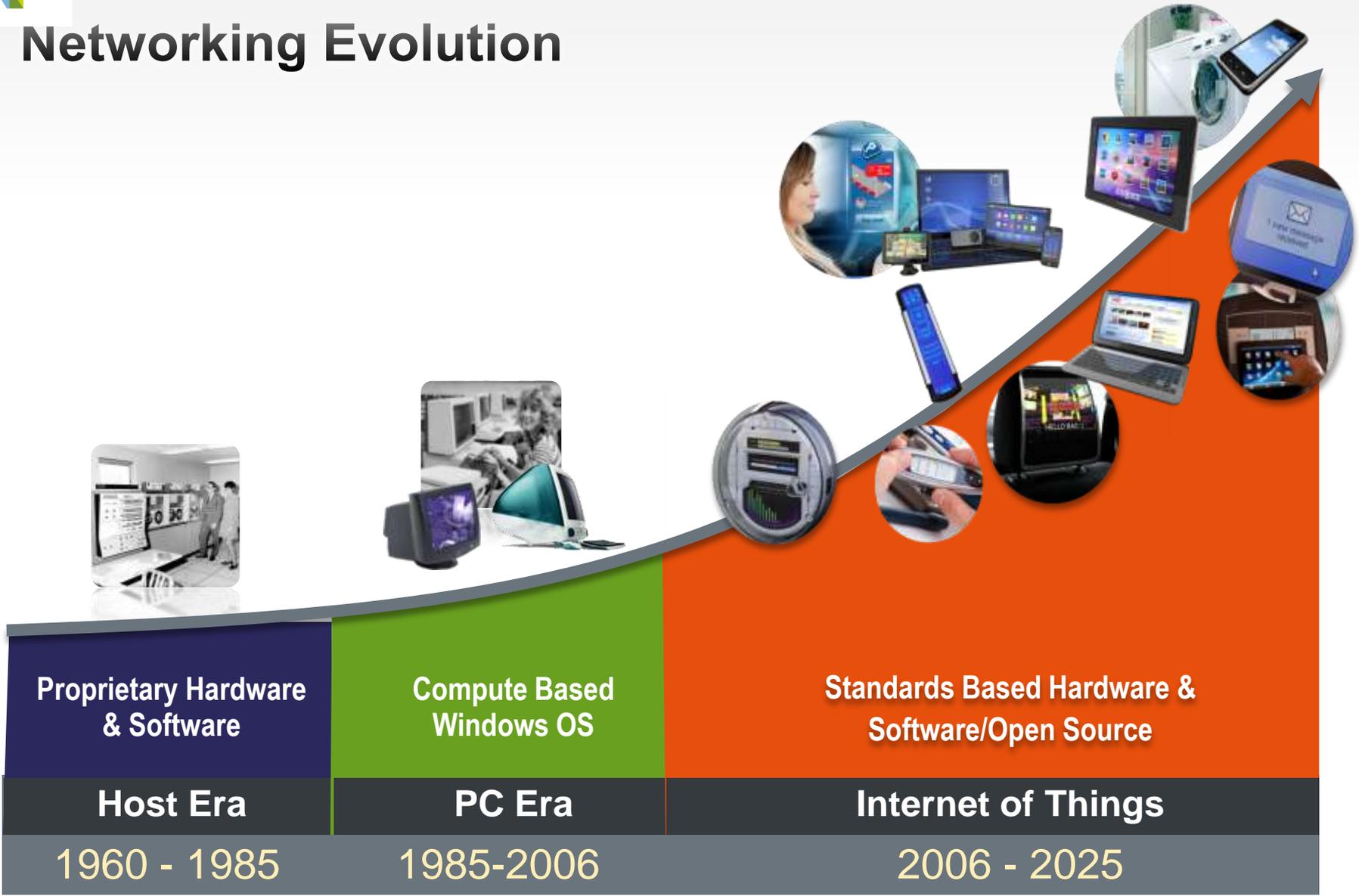


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Networking Evolution



QorIQ T4240 Target Markets, Key Features



Enterprise / Service Provider Equipment



Fabric Controller



Storage Networks



Aerospace & Defense

The T4240 and T4160 Processors are architected to provide Best in Class performance within an embedded power envelope

Balanced Architecture

- High-performance dual threaded 64b cores
- Multicores up to 1.8GHz with 128b AltiVec
- Power Efficiency
- 4x performance of P4080 App Accelerators
- **CoreNet On-chip Fabric**
- Designed to efficiently “feed” the cores
- Eliminates bus contention

High Speed Interconnect

- Next gen PCIe, Multiple XAUI, Interlaken LA SATA, Aurora

Tightly Coupled Cache Hierarchy

- Optimum banked and tiered memory architecture
- Cores are closer to the data to reduce latency

High Performance Virtualization

- Advanced Core and SoC
- Software solutions designed for T4xxx



And finally, a brief look at the new QorIQ-LS1 product



