

## Intel's Next-Generation Communications Platform

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### Agenda

- What's the News
- What Happens in an Internet Minute
- Worldwide Service Provider Challenges
- 4:1 Workload Consolidation
- Introducing Crystal Forest Platform
- Robust Ecosystem Support
- Summary



### What's the News

- Intel's next-generation communications platform will consolidate packet, application and control processing on Intel® architecture for more efficient processing of multimedia content without sacrificing security.
- The scalable platform will enable faster time to market and lower development costs for equipment manufacturers with better network efficiency for service providers.

Intel's next-generation communications platform is uniquely qualified to deliver the best in applications, control and data plane processing.



# What Happens in an Internet Minute?



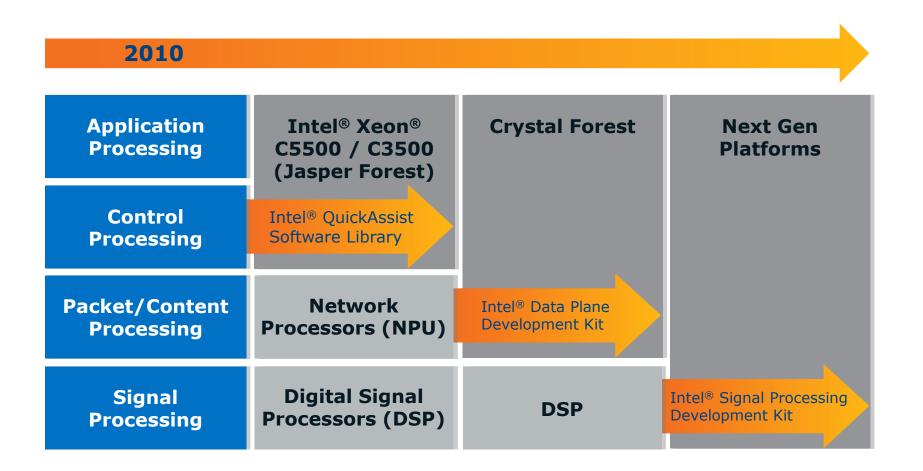
### **Worldwide Service Provider Challenges**



#### How do the Telecom Equipment Manufacturers respond?

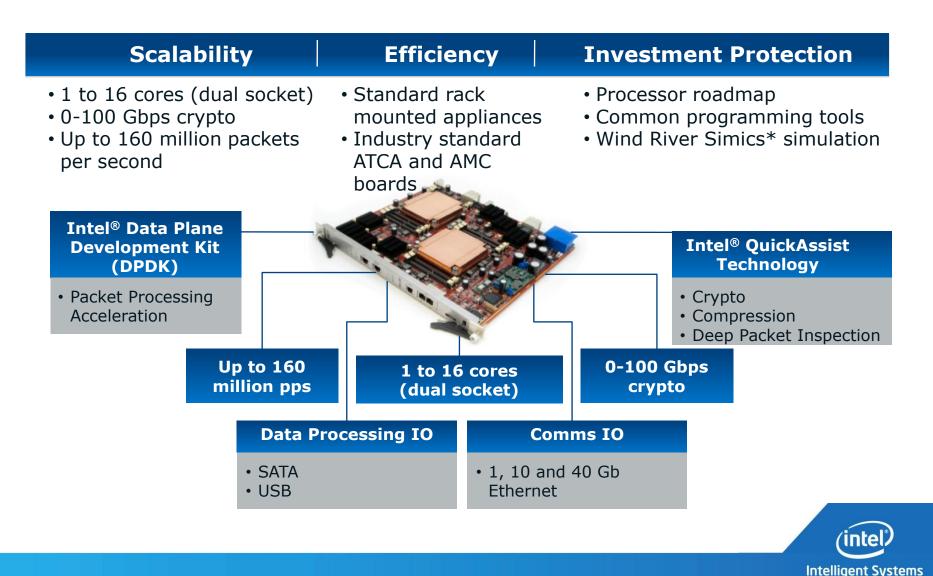


## **4:1 Comms Workload Consolidation**





#### Intel Next-Gen Communications Platform Codename: Crystal Forest



### A Robust Ecosystem Supporting Crystal Forest



#### **Data Plane ISVs**

- Real Time OS
- Network Stacks
- Packet Processing
- Professional Services



**Security ISVs** 

SSL Acceleration

• VPN/Firewall

• Deep Packet

Inspection



**Board Manufacturers** 

- ATCA
- AMC
- CGRMS
- cPCI

Live demos of the Crystal Forest platform will be featured at Mobile World Congress, RSA and Embedded World.



#### **Next Generation Communications Platform** "Crystal Forest" -*Helping to Transform the Network*

