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# **Been There – Done That:** The IPv6 Reality Show

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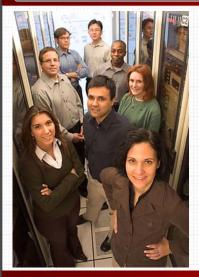


18-Nov-200

Australian IPv6 Summit 200

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#### **Snapshot of Bechtel**



## A vibrant company working worldwide

- •Ongoing projects in nearly 50 nations
- •2007 revenue: U.S. \$27 billion
- •2007 new work booked: U.S. \$34.1 billion
- •42,500 employees worldwide (manual and non-manual)
- •40 offices globally, with corporate headquarters in San Francisco

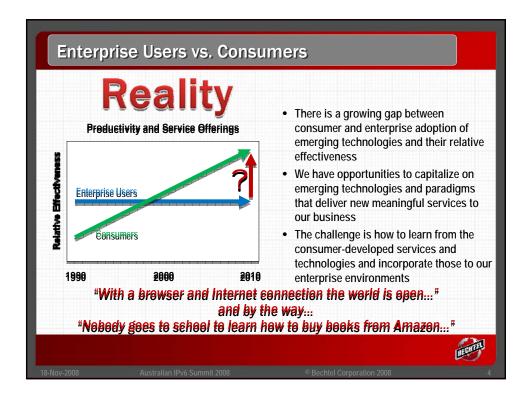


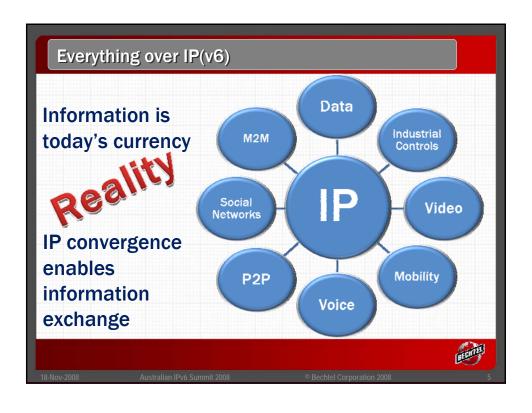
18-Nov-2008

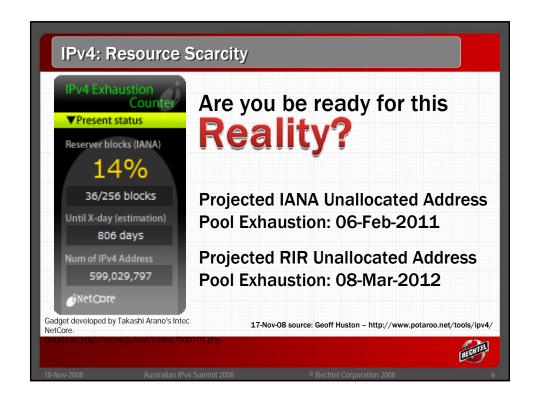
Australian IDv6 Summit 2000

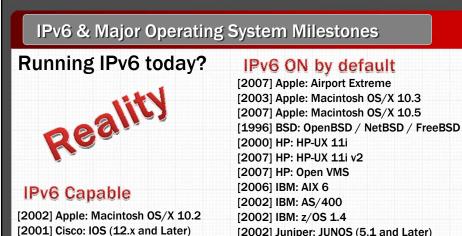
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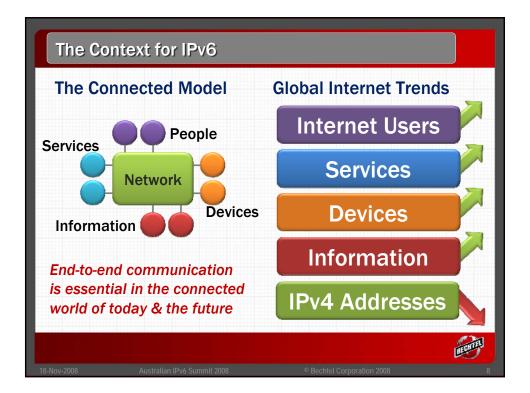
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## **Quick Profile: Sprint - Nextel**

### Why IPv6?

- ► Address space scalability
- **▶ Improved Security**
- Mobility
- Packet Processing Optimizations

#### **IPv6 Implementation Approach**

- ▶ Be prepared for customers
- ▶ Determine and improve behavior at scale
- Prepare for innovation

Source: Global IPv6 Strategies, Cisco Press, 2008

Sprint



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#### **Quick Profile: Comcast**

#### Why IPv6?

- ▶ IPv4 Address space constraints
- ▶ Device Management
- New Services

## **IPv6 Implementation Approach**

- ▶ IPv6 must be part of the roadmap
- Incremental deployment (core → edge)
- Minimal disruption
- Maintain / improve security

Source: Global IPv6 Strategies. Cisco Press. 2008

comcast



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#### **Quick Profile: Greek Schools Network**

#### Why IPv6?

- ▶ Enhance / facilitate the transfer of information
- ▶ Enable new ways of collaboration
- Support education beyond school hours
- ▶ Stimulate cross boundaries social interaction

#### **IPv6 Implementation Approach**

- ► Remove addressing constraints (NAT/PAT)
- ▶ Enable peer-to-peer applications
- Mitigate management and security issues
- Stimulate innovation

Source: Global IPv6 Strategies Cisco Press 2008



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## **Quick Profile: Bechtel Corporation**

#### Why IPv6?

- ▶ Industry leadership positioning
- Business and project execution models
- Foundation for innovation
- Industrial systems to IP

#### **IPv6 Implementation Approach**

- ▶ Move networks, applications, support in parallel
- Broad deployment of expected successes
- Maintain / improve security & stability
- ▶ Use established change processes

Source: Global IPv6 Strategies, Cisco Press, 200



