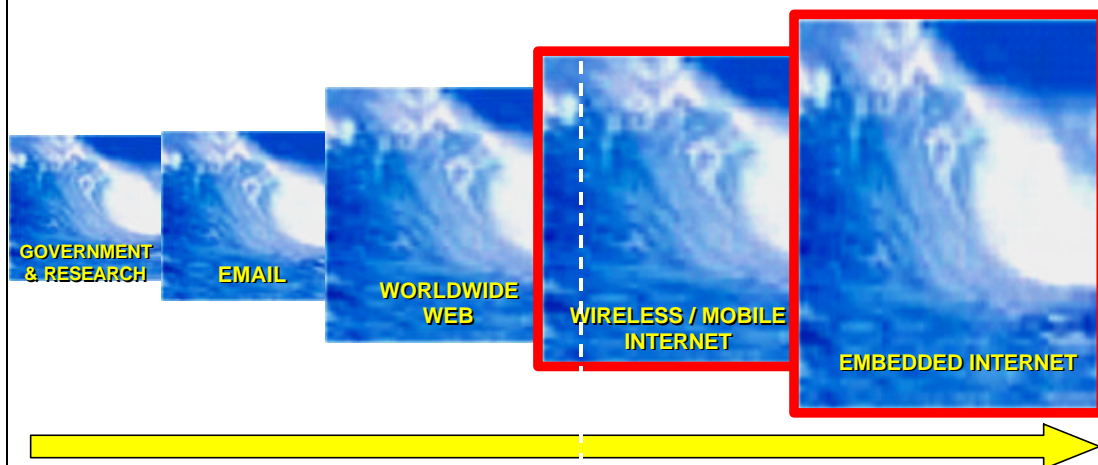
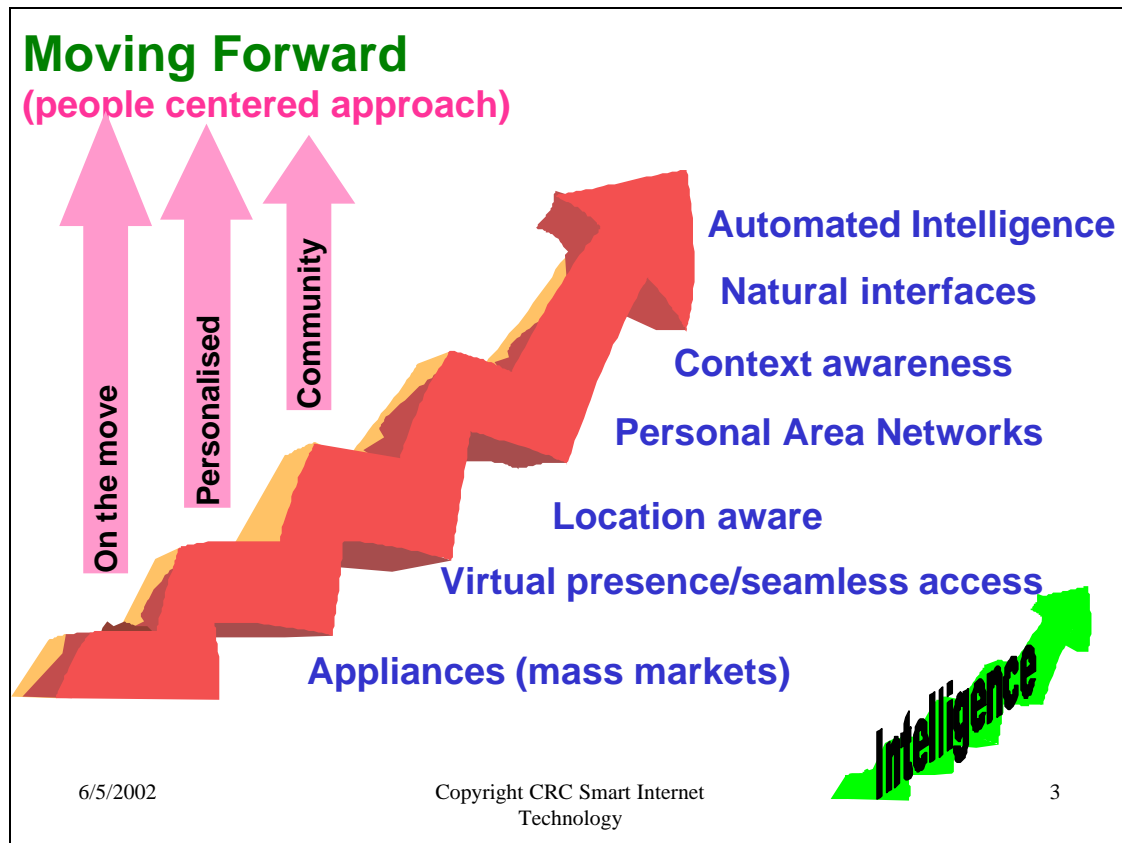


Smart Networks for a Smarter Internet

Joe Chicharo
Research Director, CRC for Smart Internet Technology
May 28th 2002

INTERNET WAVES THE NEXT 5 YEARS





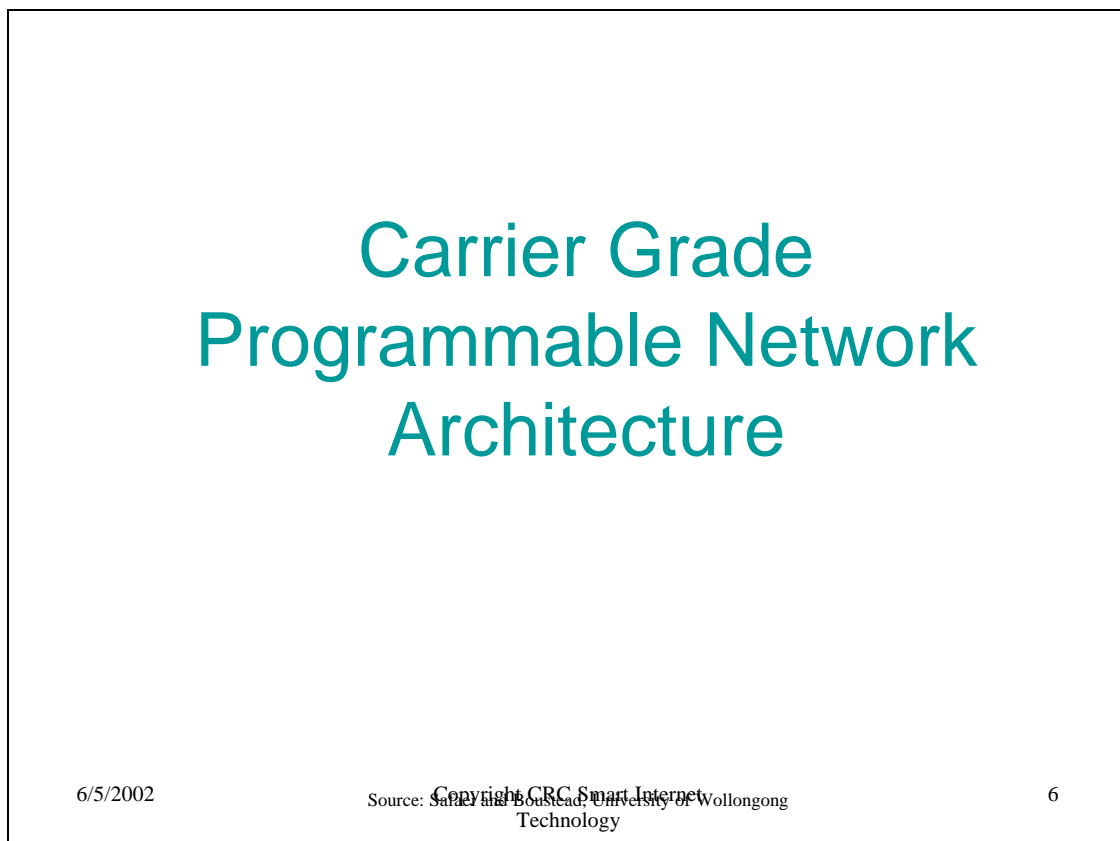
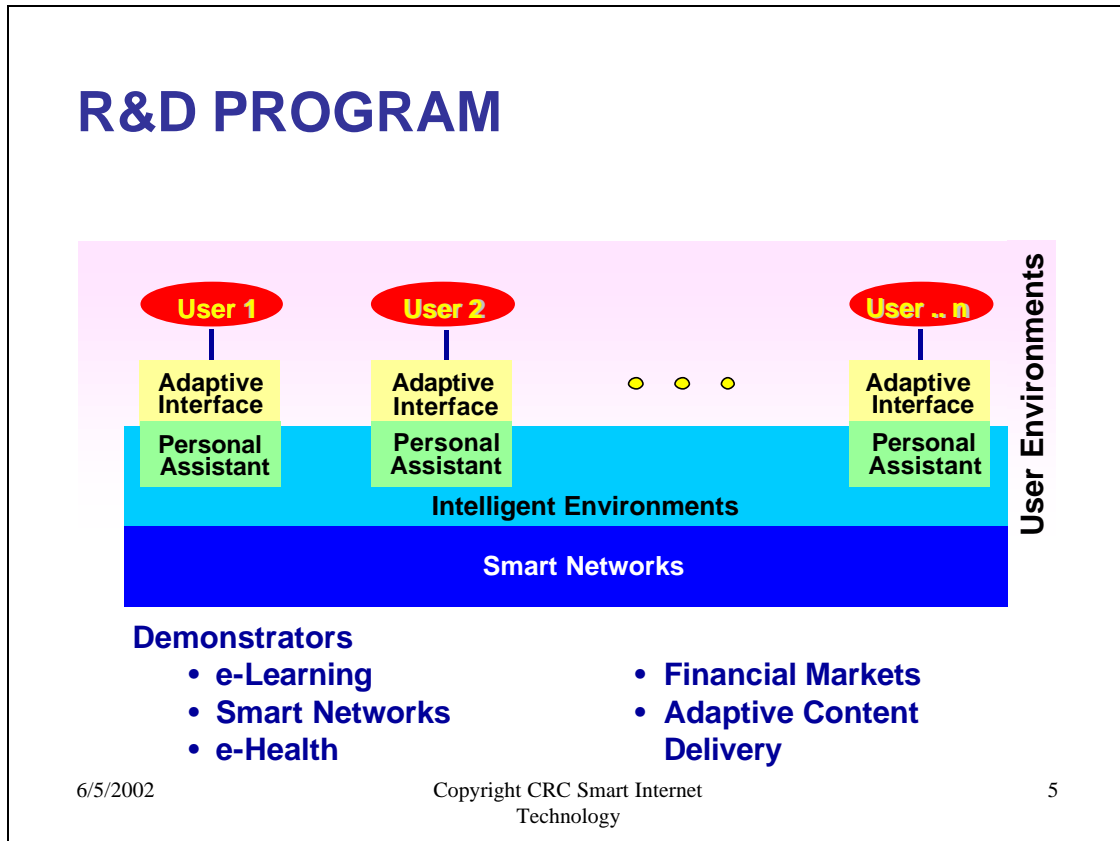
WHAT ARE THE CHALLENGES?

- **Exponential Growth in**
 - Network devices
 - Information
 - Services (requiring rapid activation)
 - Complexity

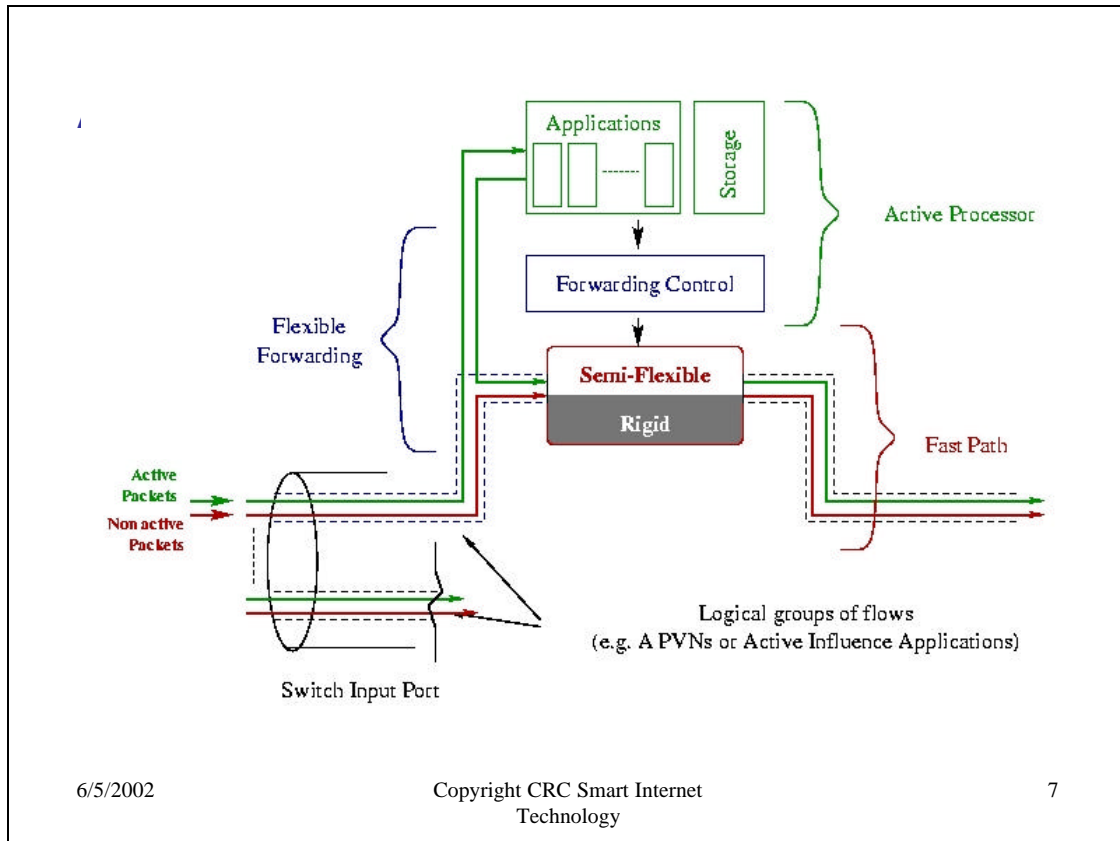
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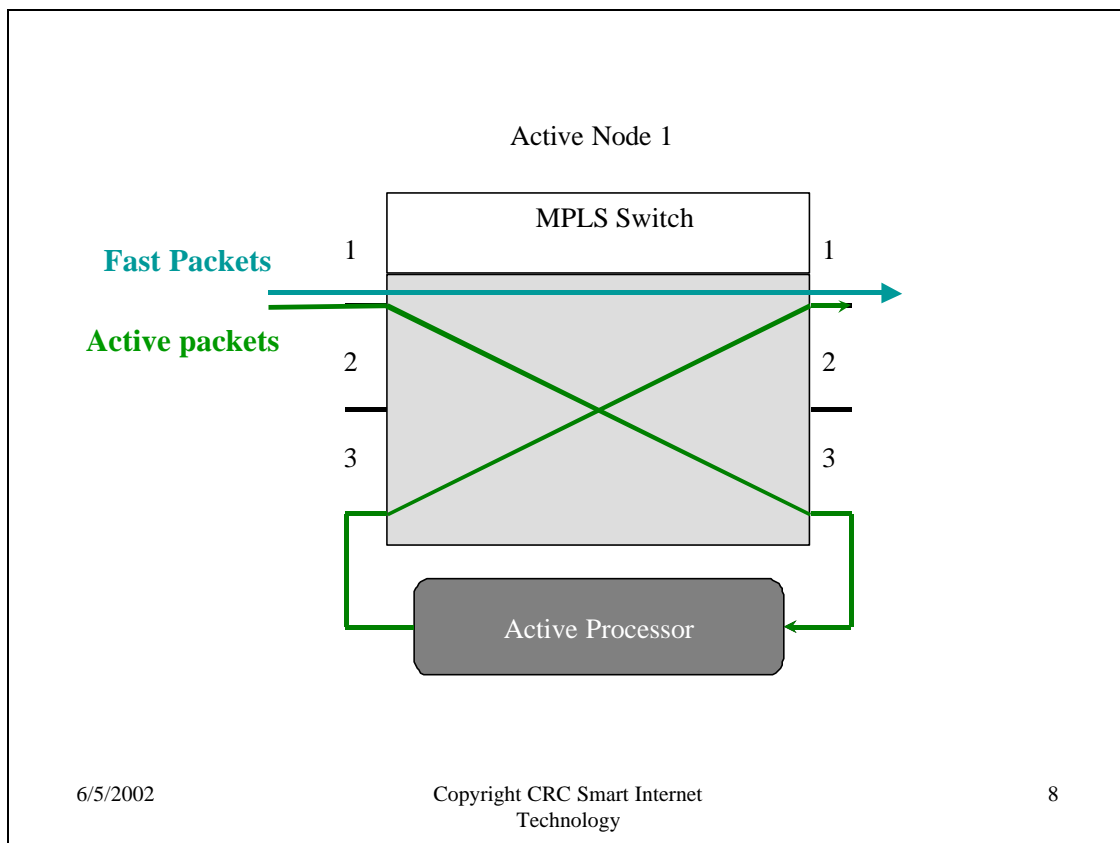
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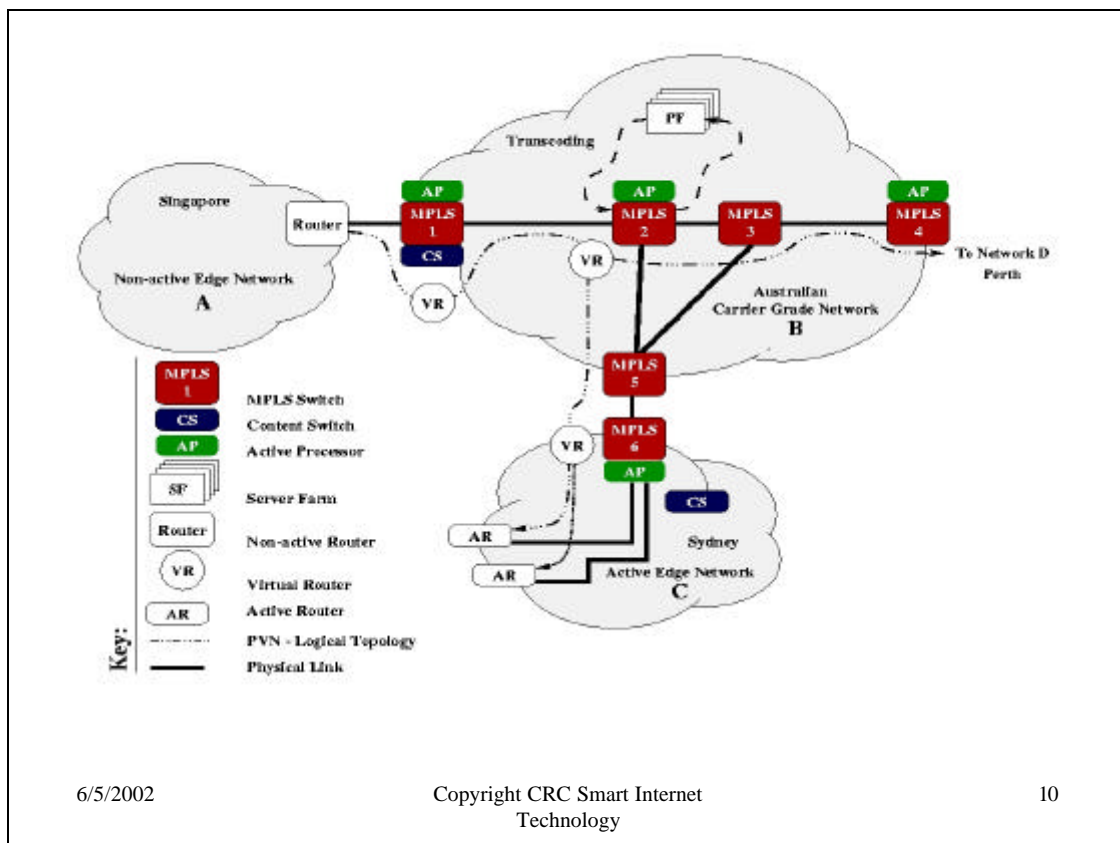
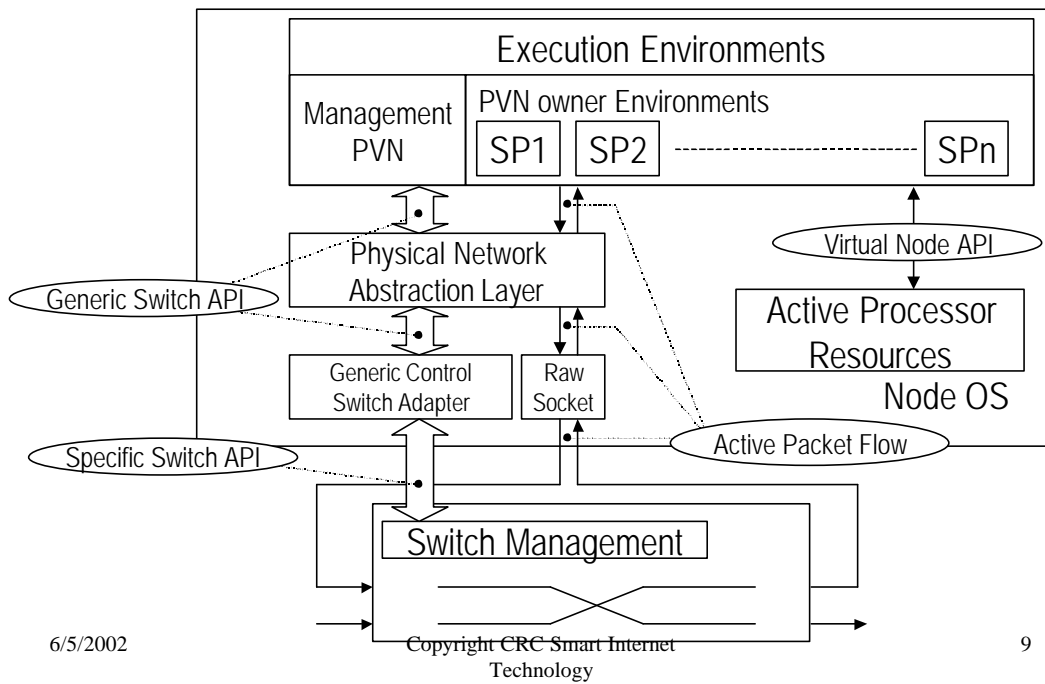
Slide 7



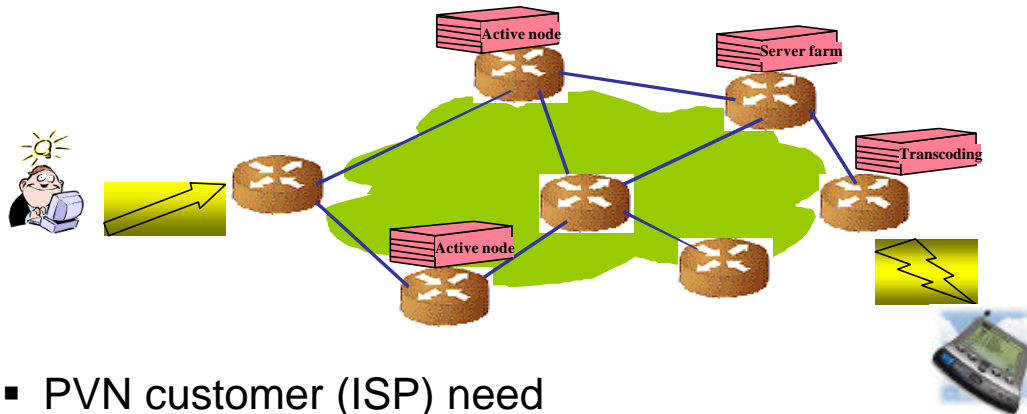
Slide 8



PVN Node Architecture



Customized Routing in a PVN



- PVN customer (ISP) need
 - Support a variety of active applications
 - Efficient use of resources

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