



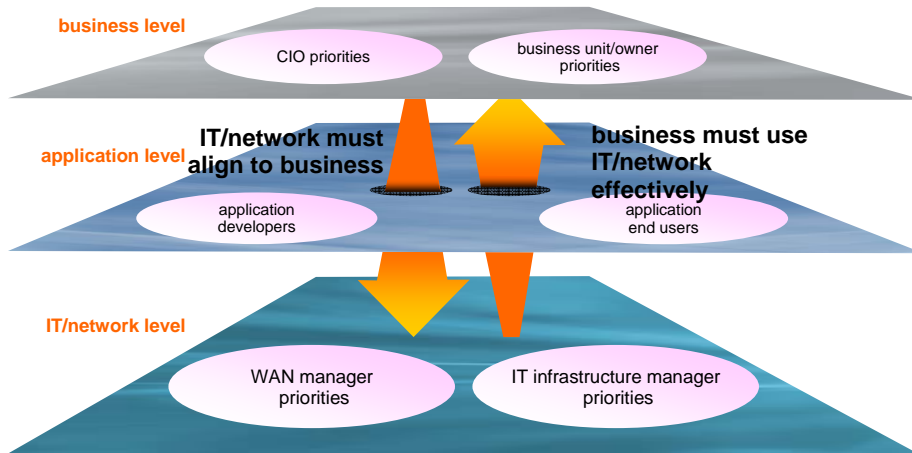
## agenda – enterprise case study

- the issue
- the solution
- real-world
- conclusion

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## the CIO objective

align IT to business demands

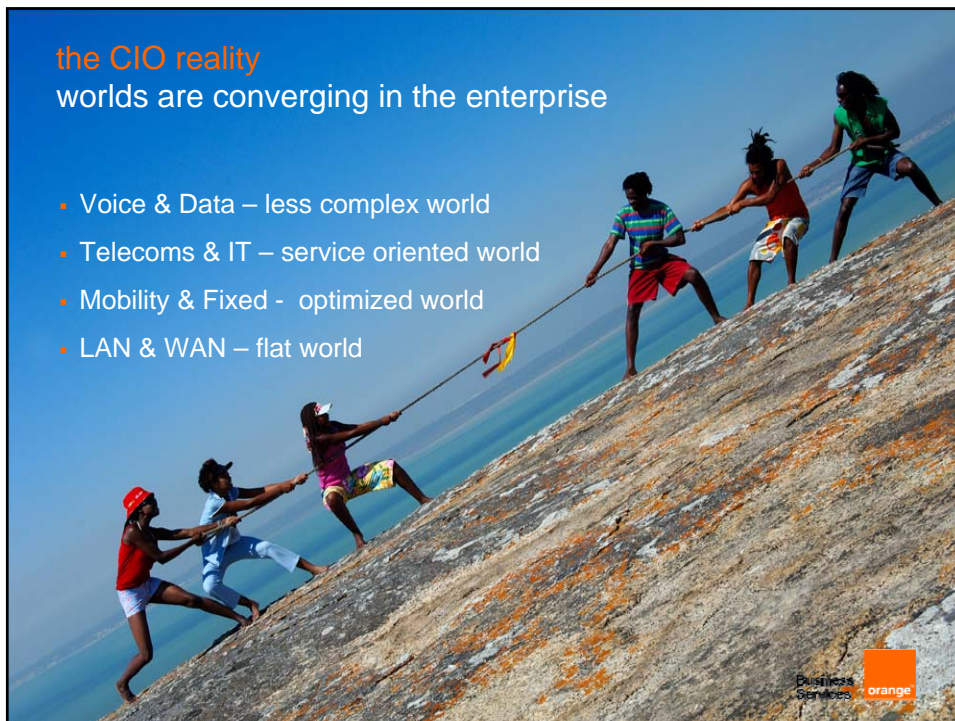


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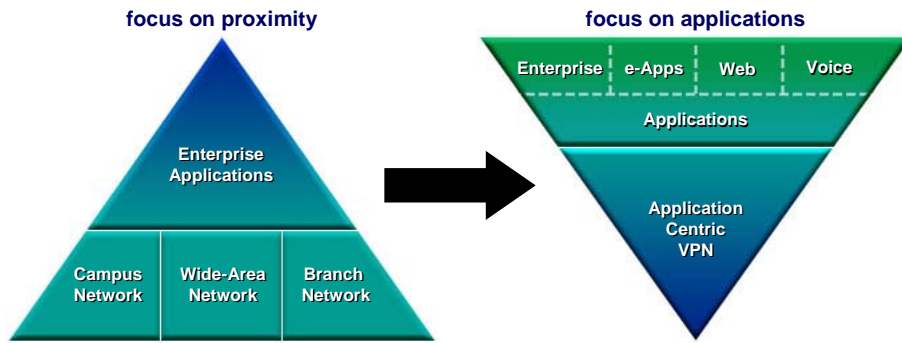
## the CIO reality

worlds are converging in the enterprise

- Voice & Data – less complex world
- Telecoms & IT – service oriented world
- Mobility & Fixed - optimized world
- LAN & WAN – flat world



## Focus on Applications

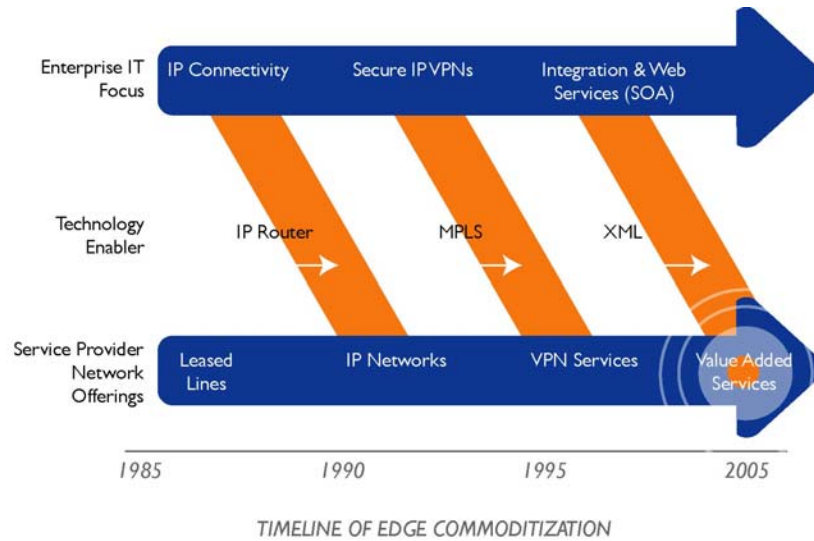


- Shift from managing networks to managing application performance
- Shift from managing connectivity to managing business productivity

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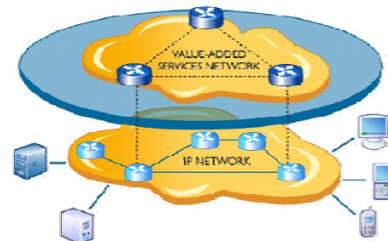
## functional growth of IP networks



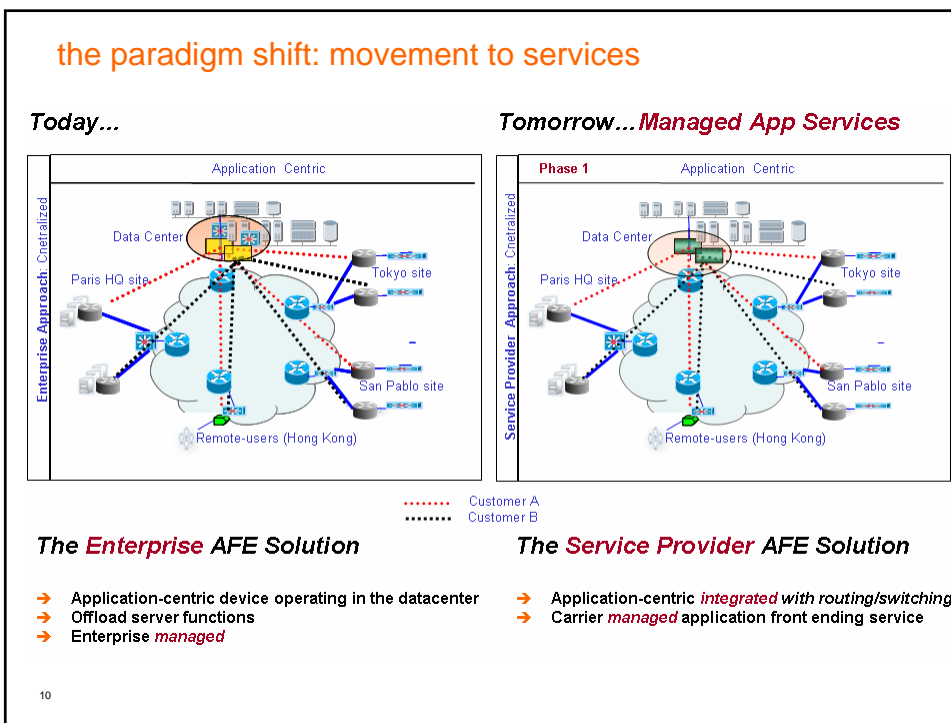
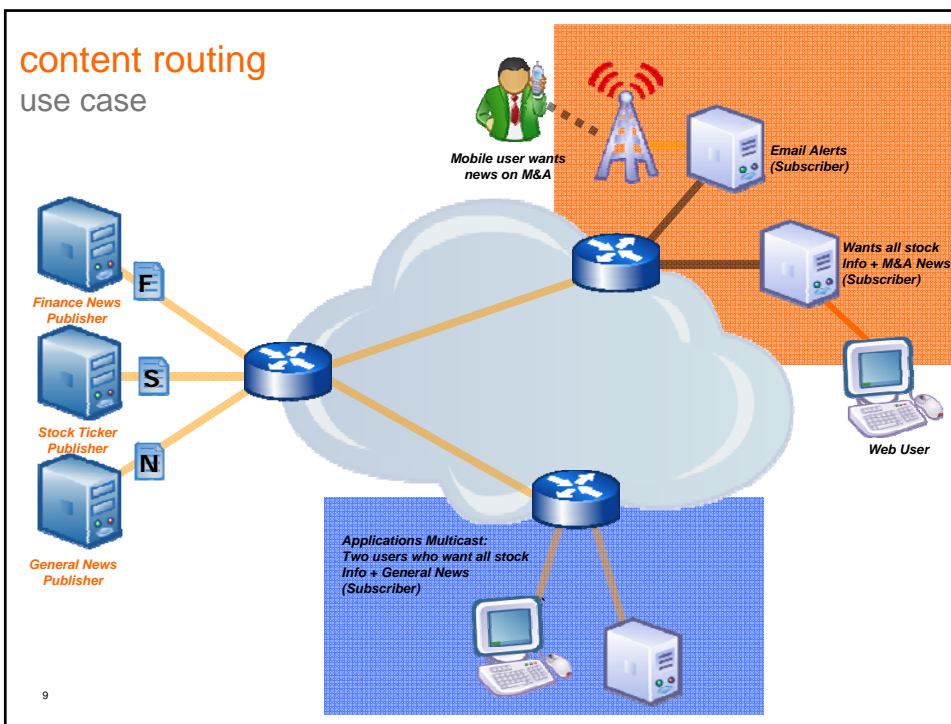
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## application centric networks content aware networks

- power to the People
  - publish/subscribe model
  - subscriber controls content flow
- power to the Network
  - off-load processing requirements from server farms
  - extend middleware apps to the network

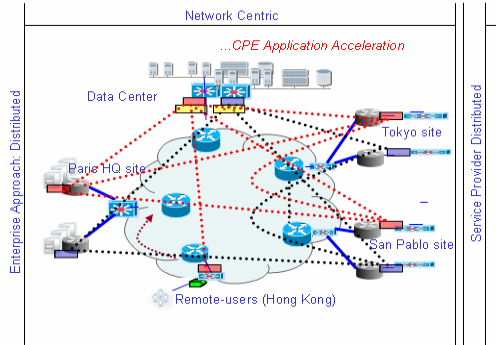


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## the paradigm shift: movement to services

Today...

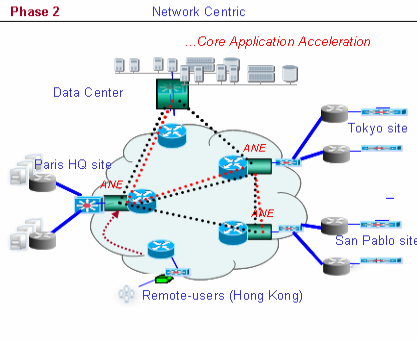


The **Enterprise Acceleration Solution**

- Symmetric (binodal) boxes on both ends of a connection
- Meshed, point to multipoint configuration (N\*x tunnels) *enterprise managed*

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Tomorrow... **Managed App Acceleration Services**

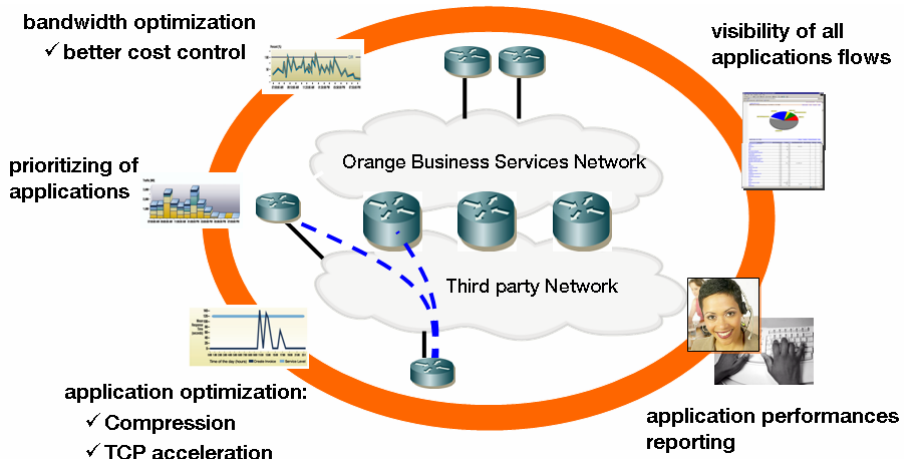


The **Service Provider Acceleration Solution**

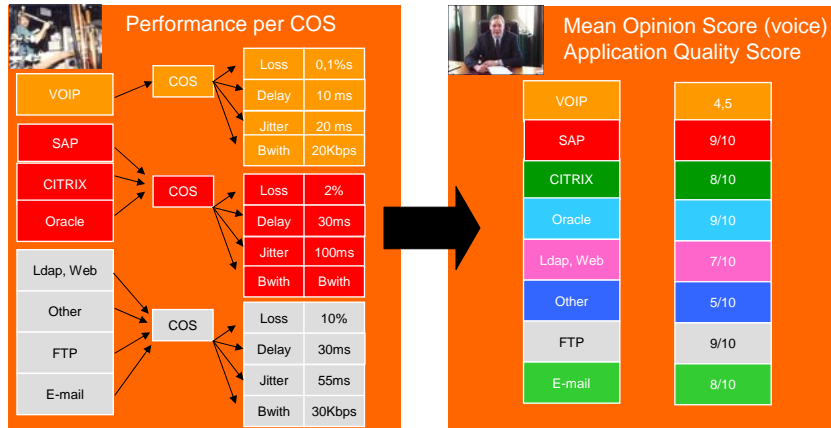
- WAN/LAN optimized distributed solution, w/ global app management throughout the WAN.
- Path optimization in concert with NSP's traffic engineered paths and VPNs

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## hosted application management, optimization and reporting



## application SLA

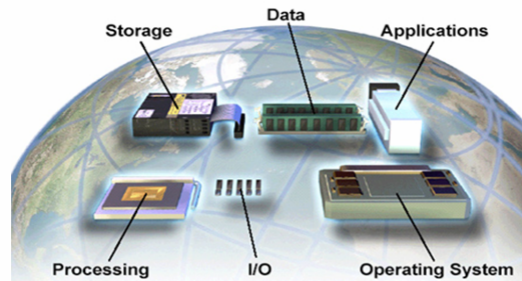


- from technical metrics to user quality reporting
- from static WAN optimization with to dynamic optimization
- CoS and application QoS are consistent and complementary

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## grid computing

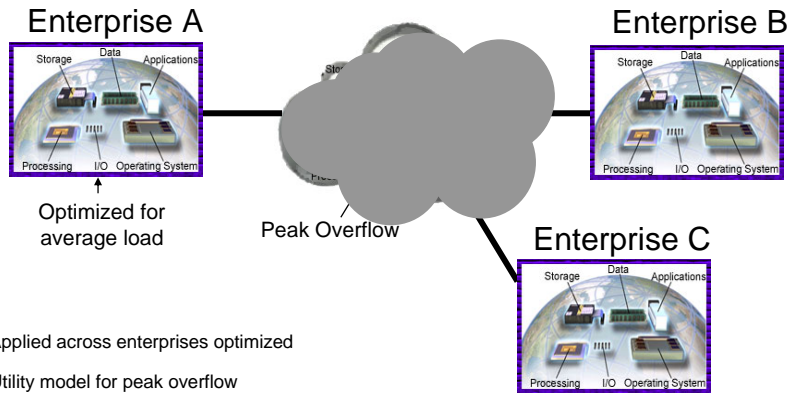
### application and resource optimization



- networks enables resource optimization
  - aggregation of computing processing, storage and application resources
  - enabling virtual and collaborative organizations, sharing applications in a flat world

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## The Vision

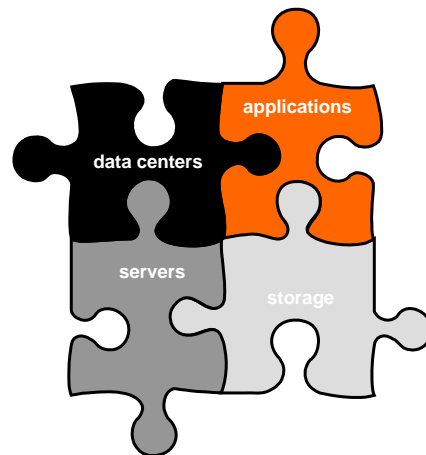


**Transforms IT from a cost center to an on-demand Services center**

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## simplified infrastructure

- simplify architecture through
  - data center, server and storage optimization
  - application aware infrastructure
  - hosted solutions
  - virtualization
  - **application** harmonization



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