## **Trends in IT infrastructures**

The impact on the IT infrastructure



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## Agenda

- Current market situation
- Standards update
- 40 and 100 Gigabit Ethernet design criteria
- GPON technology for Enterprise buildings
- Conclusion





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## Market situation

Systems are being chosen by application and environment

Currently Cat.6 UTP and OM3 fibre systems are most common

Cat. 6A and OM3/4 are seen in most recent projects

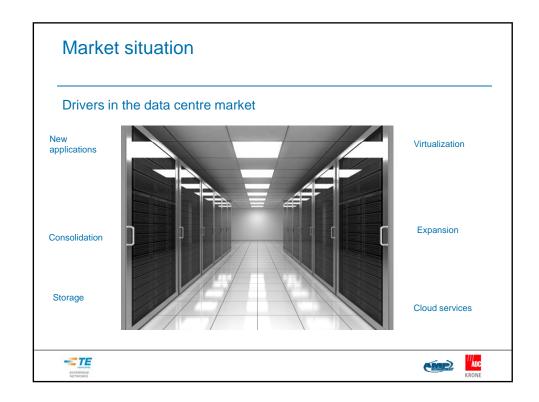
Cat.7A and STP in principle is gaining (EMC and lifetime)



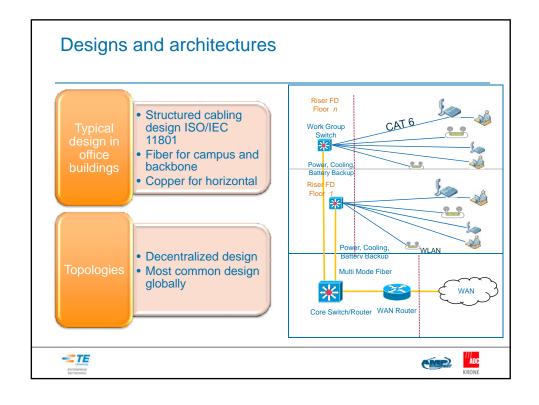


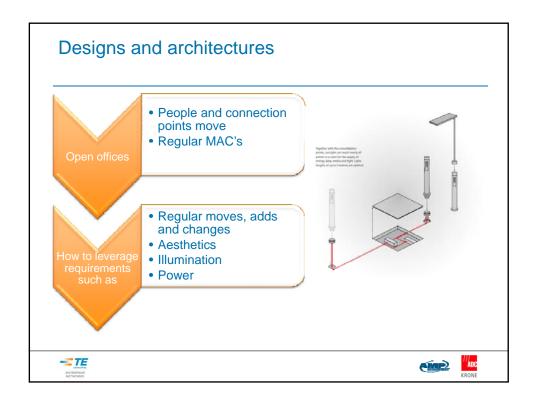


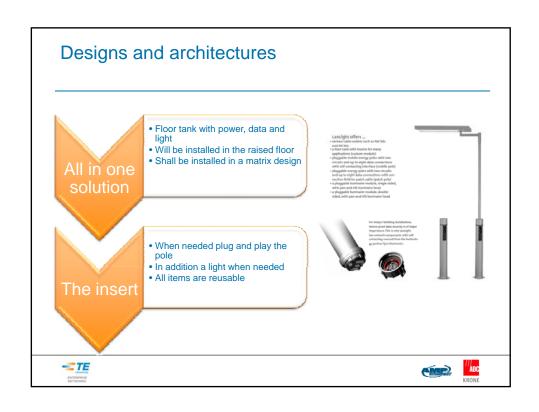






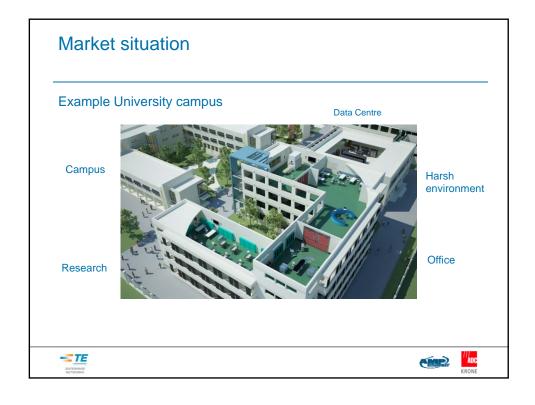


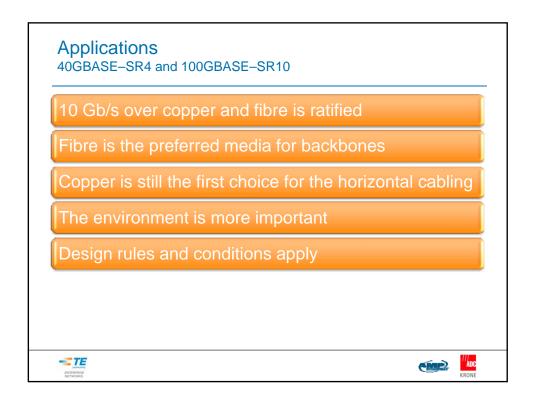


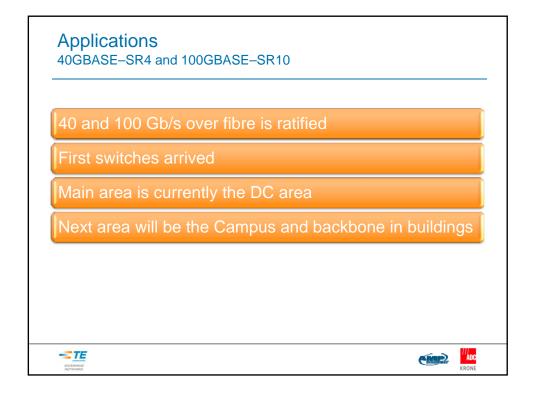




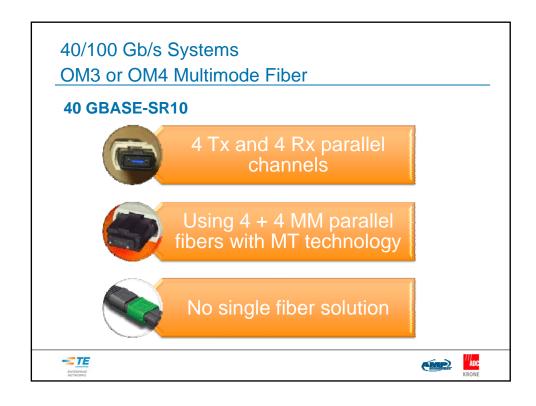


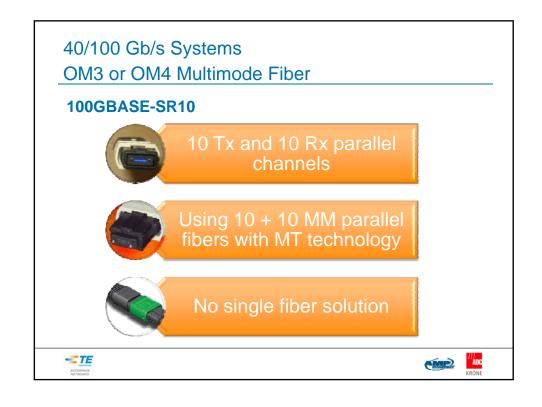


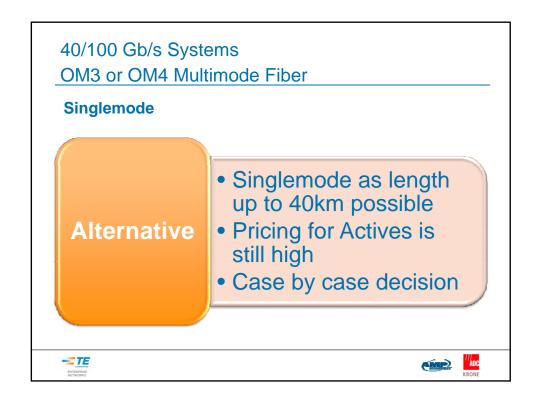




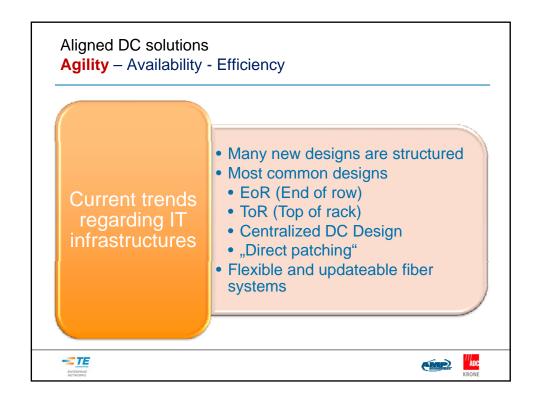


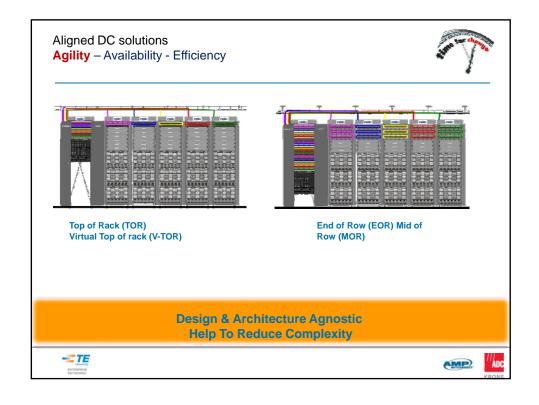


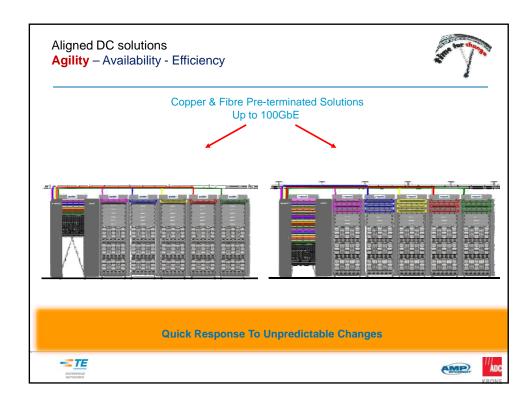




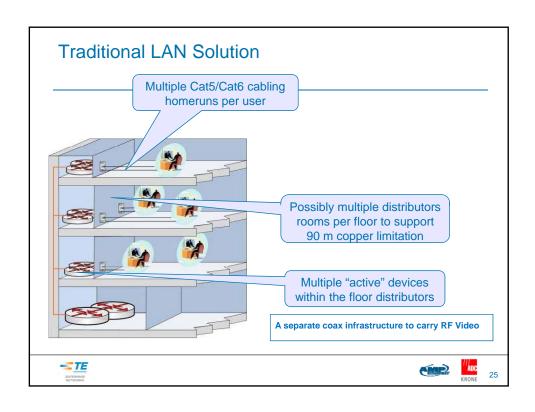


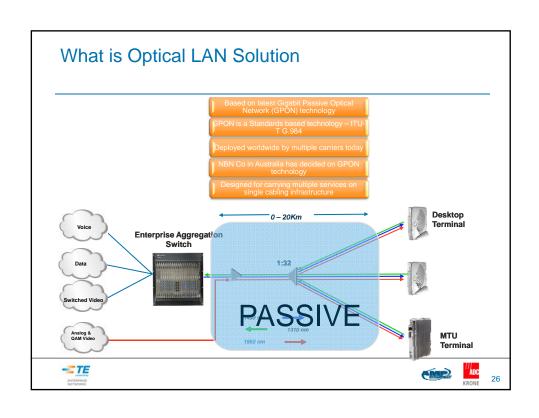


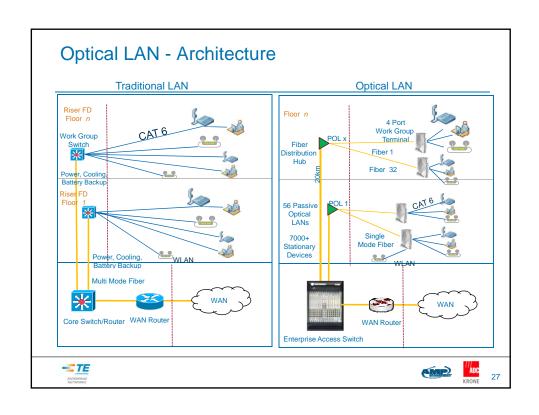


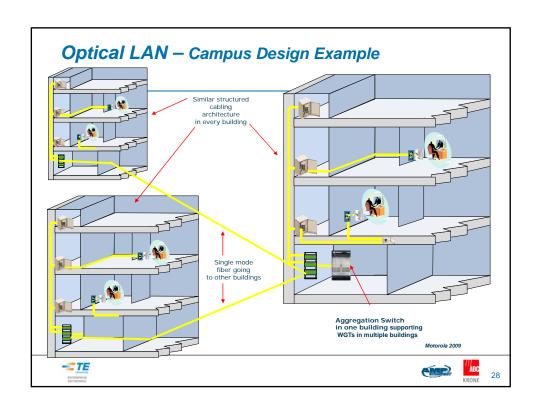


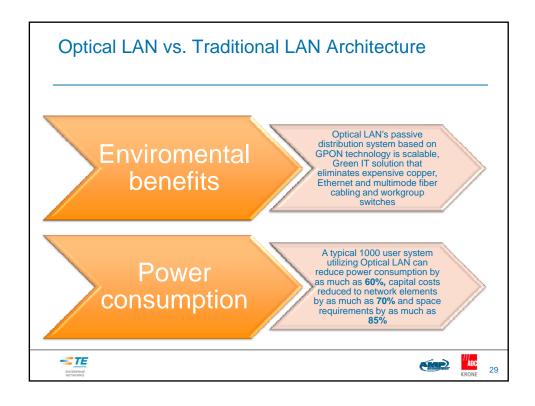


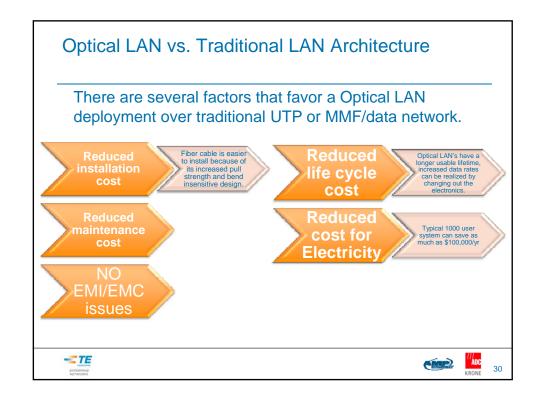






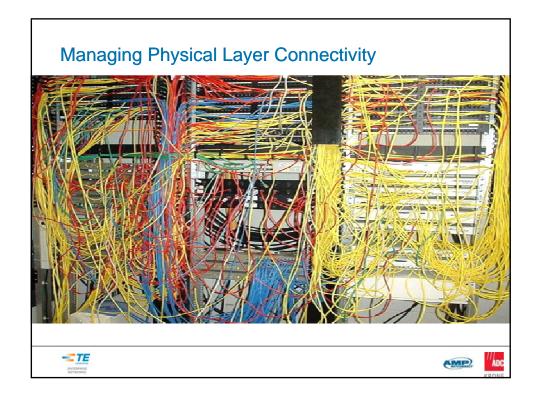


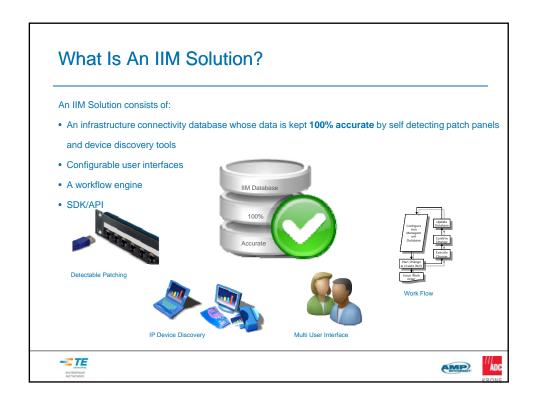


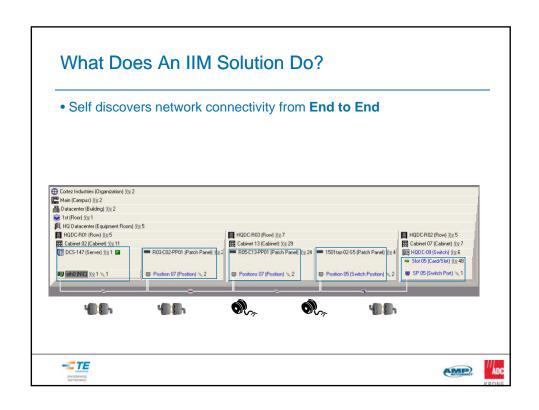


Infrastructure management









# What Does An IIM Solution Do? Self discovers network connectivity from End to End Real-time IP asset management to the Physical Location Cotex Industries (Disprication) %2 2 Man (Corporal) %2 2 Man (Corporal) %2 3 Man (Corporal) %2 5 Man (Corporal) %2 5

## Self discovers network connectivity from End to End Real-time IP asset management to the Physical Location Provides automation for infrastructure change processes

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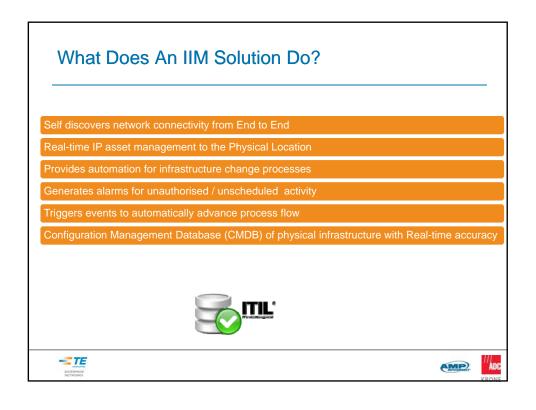
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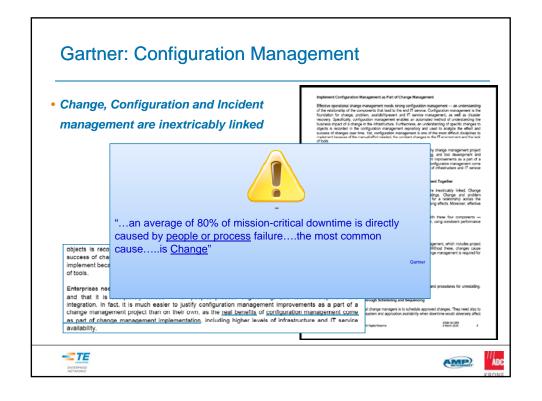


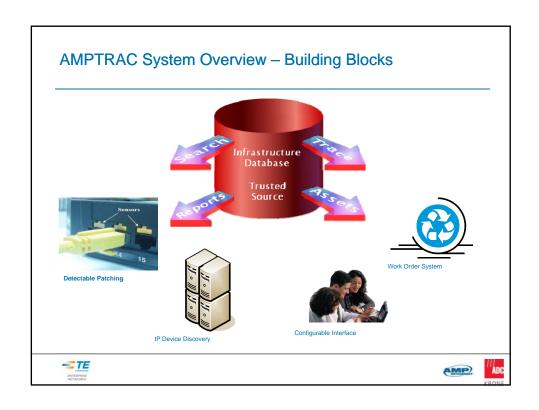




## An IIM Solution Within An Organisation Increase Service Availability & Resiliency Reduce Costs in Capacity and Asset Management Enhance Productivity inc. Data Centre Provisioning Improve Process Adoption Provide the Infrastructure Configuration Management Database









# Conclusions IT infrastructure is a vital part of any IT concept With more IP services it's becoming the critical part of IT services Agility, Availability, scalability and efficiency are the basics around the world Fiber designs becoming more important in data Centre and large enterprise areas A solution needs a holistic view and approach in order to address all kind of needs

