PROGRAMMABLE NETWORK RESOURCES
A NEW NETWORKING PERSPECTIVE
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For all forms of telecommunications service providers, technology is enabling if not driving rapid change. And the approach that organisations are taking from both a network technology and interworking perspective are changing as a result.

In this presentation, Mark Daley, Director of Digital Strategy for Epsilon will cover the key strategies in network programmability & transformation as well as the inhibitors to change that the industry is currently experiencing.
DISRUPTION OPPORTUNITIES

- New Revenue Streams
- New Processes & Models
- New Partner Strategies
- New Competitive Advantages
- New Agility & Flexibility
- New Channels and Customers
A NETWORKING GAME PLAN FOR A CONSUMER ORIENTATED WORLD

- Vertical Agile Approach
- Perfect Partners
- People Power
- Investment in Growth
- Digital Restructure
- Speed of Function
A NEW SET OF CHARACTERISTICS

**CONCEIVE**
- Identify
- Design

**CLICK**
- Quote
- Order
- Confirm

**CREATE**
- Configure
- Deploy

**CONSUME**
- Use
- View
- Manage
FEDERATING THE NETWORK API

MESSAGE BUS

OSS, BSS AND ORCHESTRATION LAYER

NMS1  NMS2  NMS3  NMS4  NMS5  NMS6

NUMBRER  SIP TRUNKS  BILLING  ROUTING  OTN  L2  L3VPN  INTERNET

IaaS API's
Vendor API's
Independent Telco API's
Telco Standards API's
Paas + SaaS API's
Community API's
IX API's

OTN
SDH

API's

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THE IX COMMUNITY BENEFIT

- Choice - Development evolution + Capex evolution
- Single pane of glass
- Automated peering functions - Internal connectivity fabric
- Configurable, on demand remote peering
- More remote peering requirements
- Statistical data interworking
- IX as a layered exchange
- Revised commercial & service models (perhaps long term)
- Rapid growth of international peering
- Faster and more efficient
- Process, function and service integration internally and as a service