BT Hosted IPT (VoIP)
What is Convergence?

Currently, we see applications on distinct technologies

- **Voice**: PBX / ISDN / PSTN
- **Data**: LAN / WAN
- **Video**: Dedicated VC link
What is Convergence?

Currently, we see applications on distinct technologies.
With convergence, applications merge onto a single IP infrastructure.
BT Hosted IP Telephony is a service that allows voice, video and data to be carried over an QoS enabled IP VPN, such as MPLS.

BT provides a fully hosted IP Telephony service. Served from a purpose built Public IPT Platform the service will enable BT to offer unique convergence propositions through:

- MM VoIP
- VoIP Port
- IP Voice
Convergence

Benefits

- CoS 1 IP VPN
- IP enablement
- PBX Convergence
- IP Telephony
- VoIP Port
- Multimedia IP Apps

Amount of Convergence Completed
Multimedia Voice over Internet Protocol (VoIP) is a hosted IP Telephony service.

It provides voice, multimedia and collaborative working applications to organisations without the expense of an IPPBX.

It is designed to maximise the effectiveness of WAN infrastructures.

Voice traffic and other real-time applications are delivered over a QoS / CoS WAN, ensuring no degradation of voice quality.

The service is ideal for greenfield sites, or as part of a phased approach to IP Telephony.
BT Multimedia VoIP – benefits

- Enables customers to deploy a single infrastructure for all communications, voice and data
- By deploying VoIP across the WAN, customers can maximise their investment in WAN services
- Enables customers to focus internal resources on core business issues – whilst BT manages and maintains their IP Telephony
BT Multimedia VoIP – benefits

- Customers can migrate to converged communications with a reduced capital expenditure requirement.
- Customers can take advantage of flexible working practices in an efficient manner such as:
  - Hot desking
  - Application sharing
  - Collaborative working
Multimedia VoIP key features

- On-net calling at zero tariff
- Off-net calling competitively priced
- Centralised access to the PSTN
- Soft client support
- First Sight monitoring tool
- MIS available in various formats
- XML Applications
Multimedia VoIP strengths

- Enables a single infrastructure for all communications voice and data – on-net and off-net
- Service is hosted and maintained by BT
- Customers enjoy world class service support
- Customers take advantage of the latest technology without the capital expenditure
- All software upgrades are managed by BT reducing the burden on internal resources
Multimedia VoIP summary

- A hosted IP Telephony service
- Available over QoS enabled IP VPN WAN services
- Service is managed and maintained by BT
- Provides a full migration path from TDM to IP-based telephony
- Maximises customer investments in WAN technology
- Reduces capital expenditure
VoIP Port – overview

- VoIP Port is a PBX connectivity service enabling customers to connect IP or TDM PBXs to a public VoIP platform for call routing.
- BT VoIP Port provides a means of delivering calls end-to-end over an IP network.
- It also interoperates seamlessly with traditional PBXs to enable phased migration to a full VoIP solution.
VoIP Port benefits

- Enables customers to deploy a single voice and data infrastructure for all communications
- By deploying Voice over IP across the WAN, customers can maximise their investment in WAN services
- VoIP Port can be used in conjunction with TDM PBX allowing customers to deploy VoIP without investing in new equipment
VoIP Port key features

- TDM & IP PBX integration
- On-net calling at zero tariff
- Off-net calling competitively priced
- Centralised access to the PSTN
- First Sight monitoring tool
- MIS available in various formats
- VoIP Port & Multimedia VoIP inter-working
  - Hybrid solutions can enable customer to stage migration
VoIP Port strengths

■ Smooth migration
  — Organisations can take advantage of convergent communications whilst maintaining existing PBX and handsets
  — As VoIP Port works with both TDM and IP PBX, customers can also adopt a phased approach as their own pace – minimising internal disruption

■ Maximise WAN efficiency
  — The WAN is the single communications platform – no requirement for separate voice infrastructure for off-net calling

■ World class service
  — VoIP Port is managed and maintained by BT
Thank you

Offices worldwide

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