IP Interconnection For Voice

Martin John Senior Telecoms Architect



AQL Service offering includes

- Wholesale Voice
- MVNO Services
- Messaging Hub
- Data Centre Operator
- IXLeeds

1998 - agliformed 1999 - In the top 3% of .uk domain name registrars 2000 - First mobile messaging application built 2001 - Voice network built 2002 - Providing telephone numbers to the UK VoIP industry 2003 - Winners of Inside Internet best B2B website 2004 - 6M ag/numbers, 24M customer numbers 2006 - Launched UK's first commercial WiFi VoIP service 2007 - Provides BT wholesale with inbound SMS on landline numbers 2008 - Now hosting 74M numbers 2009 - H3G Newtwork unbundled 2010 - IXLeeds - Leeds based peering hub hosted at agl DC 2011 - L2TP Wholesale data services rolled out and launch Janet 3g 2011 - ag/ gain ISO 27001 accreditation 2012 - Conmpletion of DC3 & Salem Chapel Conference facilities 2013 - Purchase of Cannon House for DC5 datacentre 2013 - Launch of ScifiWifi, Leeds' free WiFi service 2014 - Deployment of masts to boostwireless connectivity capabilities



Unregulated vs Regulated Services

- True convergence of Voice and IP is coming ever closer
- IP world for Europe = RIPE
- Voice = Telecoms regulator of each country







Announcing New Number Ranges

From: numberactivation@yahoogroups.co.uk on behalf of [numberactivation] [numberactivation-noreply@yahoogroups.co.uk] To: 'numberactivation@yahoogroups.co.uk' (numberactivation@yahoogroups.co.uk) (numberactivation@yahoogroups.co.uk) Cc: Subject: Oftel-number-activation FW: Data Fill FAO All Please build the following ranges for 19/11/14 Livedate OLO email Test No TTT Range Area Name Operator 01202619 29/10/2014 Bournemouth 19/11/2014 01233340 378 Ashford (Kent) 19/11/2014 29/10/2014 01292817 20/11/2014 29/10/2014 378 Ayr 01543520 20/11/2014 29/10/2014 378 Cannock 20/11/2014 01460354 Chard 29/10/2014 378 01332409 Derby 20/11/2014 29/10/2014 378 01634763 Medway 19/11/2014 29/10/2014 378 378 01642329 Middlesbrough 20/11/2014 29/10/2014 01772914 Preston 20/11/2014 29/10/2014 378 01702749 Southend-on-Sea 19/11/2014 29/10/2014 378 Thanks



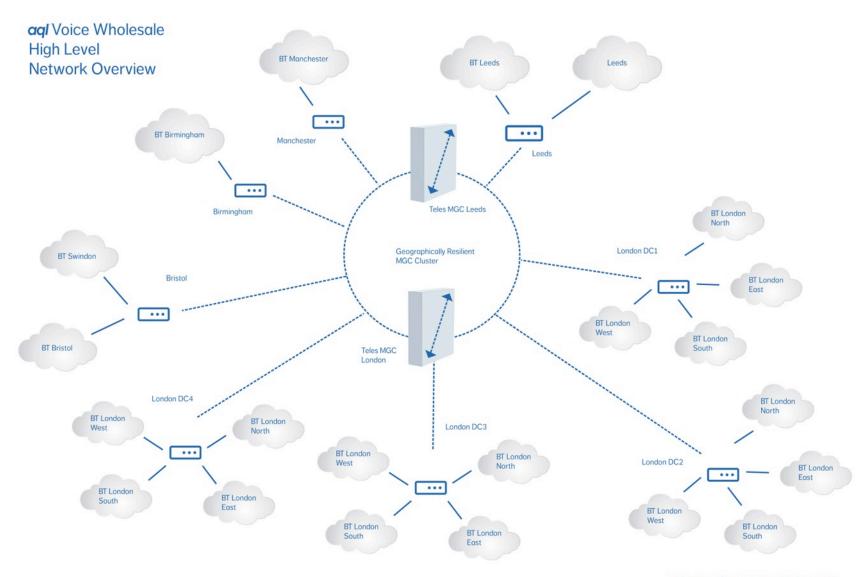
TDM





Aql Voice Wholesale

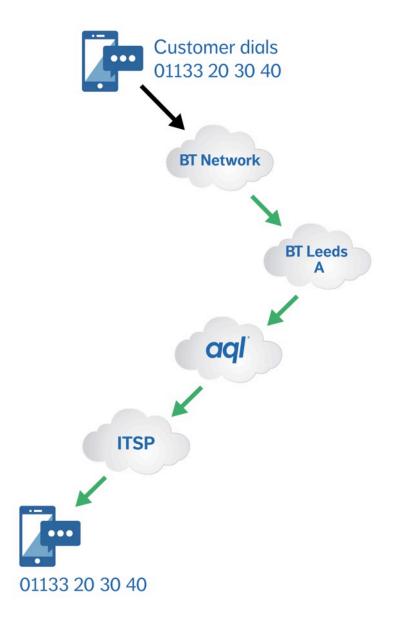






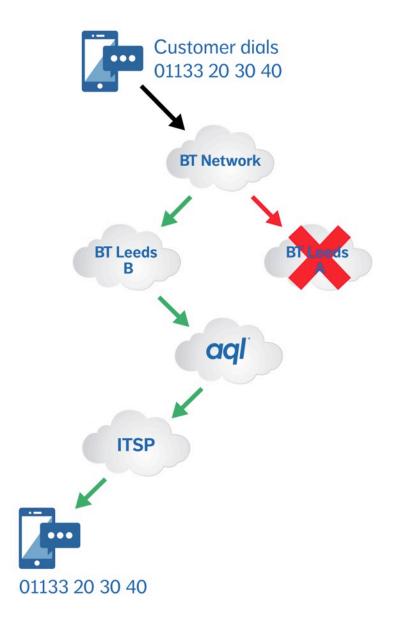


PSTN Fail Over



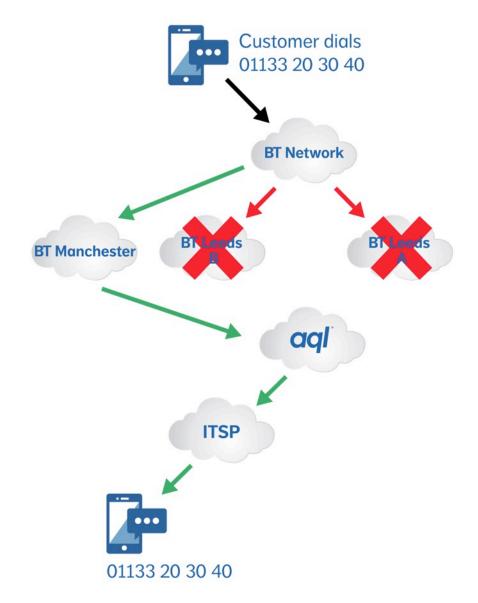


PSTN Fail Over





PSTN Fail Over





Aql Voice Wholesale



aql Voice Wholesale Future Plans and Investments

- Carrier Grade Geographically Resilient SBC
- IPV6 Support
- SRTP & TLS Support
- New API's and Features



Peering & Voice Quality

- Business Risks
- Latency
- Packet Loss
- Peering











Converged Services

- OTT Services
- Data A Commodity Under layer



Thank you for your time

For more information visit aql.com

martin.john@uk.aql.com

