

high volume, high resilience mobile messaging

aql wholesale SMS consists of several carrier services, centred at underpinning our Channel Partners and High Volume Users :

- » aql direct connect (aqlDC) – an internet independent interconnect into the aql network
- » aql MT - High capacity outbound MT (mobile terminated) messaging direct into UK MNO's (mobile network operators)
- » aql MO - High capacity inbound MO (mobile originated messaging – Vodafone "big mobile"
- » aql MMS - High capacity inbound MMS (multimedia messaging) – O2 MMS long number

Introduction

The aql product map shows the mix of wholesale and value added services provided by aql. Clients using value-added services tend to connect via the internet via simple protocols such as email or web interfaces. aql is the only mobile messaging supplier in the UK with assured throughput into the mobile networks, handling your business critical messaging with the maximum assurance.

Clients using our value added services such as email to sms, benefit from the built-in resilience of the aql network, but are still internet-dependant.

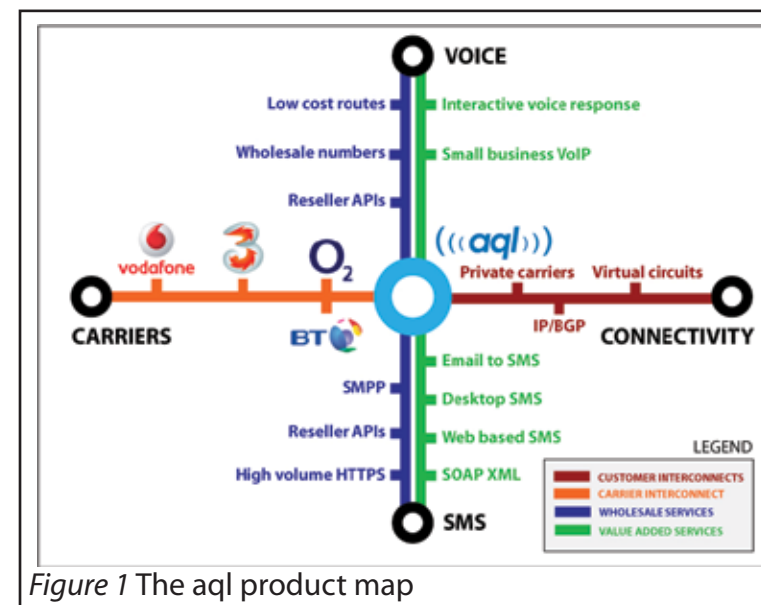


Figure 1 The aql product map

Wholesale customers are usually either resellers or large volume users who require an emphasis on reliability and resilience. To this end, aql offer a range of connectivity options to help ensure throughput and connectivity to the aql platforms.

Internet Independent connection directly to aql can be achieved by several different mechanisms, including leased line (eg BT Kilostream) and ISDN fallback (ISDNx).

aql direct connect (aqlDC)

aql direct connect is a direct IP connection provided over copper or fibre. Customers wishing to gain direct IP access to the aql network can take advantage of our 10Gb/s redundant fibre ring which encircles our core network, allowing low latency access to high volume users. aql can currently reach Telehouse (Metro, East, North), Telety Harbour Exchange, Meridian Gate, Interxion, Global Switch 1 and City Lifeline.

aql can accept BGP peering (which is favoured by larger network providers), or simply provide a fully routed, fully firewalled subnet on our network. The diagram below highlights our main points of presence and the connectivity between sites.

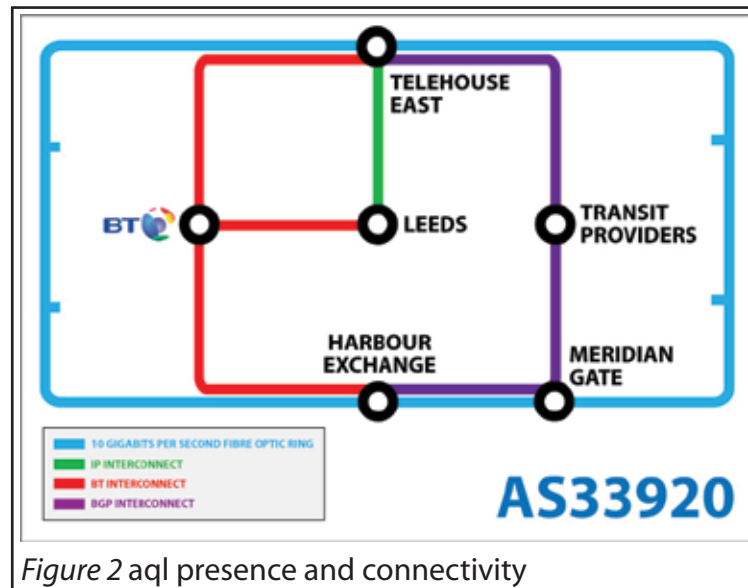


Figure 2 aql presence and connectivity

aql High capacity outbound MT messaging



Connecting direct into UK MNO's (mobile network operators), aql MT provides high capacity, high resilience MT messaging directly into the UK mobile networks. Each network connection is tested for throughput 24/7 and routing is optimised accordingly. Clients can choose from a number of connection options including Logica SMPP v3.4, high capacity HTTPS, and XML SOAP.

aql High capacity inbound MO messaging



aql are one of a handful of UK providers chosen by Vodafone to provide a high capacity inbound mobile solution. Vodafone has an excellent mobile originated reach – the product is ideal for receiving high volumes of inbound data from either UK or overseas carriers. Typical applications include :

- Voting and fault reporting
- Interactive/reliable text messaging services
- Remote information gathering – eg meter reading services.

aql High capacity inbound MMS – O2 MMS long number



The O2 MMS product is ideal for receiving high volume multimedia traffic from all UK networks*. Supported formats include, but are not limited to video (eg 3gpp), audio, graphics and ringtones.

Typical applications include surveying, blogging and remote medical diagnosis.

* Mobile networks reserve the right to change their policy on internetwork MMS. If unsure, please discuss your requirements with an aql account manager.