





















Key perforn		
Key Performance Indicator	ISO value	Qtel achieved value
Call Setup Success Rate	> 95 %	97.14 %
Handover Success Rate	> 95 %	96.6 %
Call Drop Rate	< 2 %	0.48 %
Congestion	< 1 %	0 %: 87% of cells < 1 %: 94% of cells < 5 %: 98.4 % of cells Total: < 0.5 %
Average Call Volume		6.5 million calls/day





Otel's approach to 3G

- Qtel is continuously monitoring the development of 2.5G and 3G technologies and their implementation around the world
- The hype surrounding 2.5G and 3G has established a certain level of anticipation and expectation in the market. It is evident that actual data rates will not be as high as was first anticipated. That being said, there are only a few applications that are dependent on high data rates
- Qtel intends to use 3G as a vehicle by which it may enhance the user experience of wireless data services over 2.5G
- Customer proposition based on services rather than technology























Pro's and con's of preferred migration path versus overlaid 3G network

Advantages:

- Re-use of existing Core Network Elements
- No duplication of connections to Service Platforms, PSTN network and external systems (CCBS, etc)
- Likely to be less expensive since only new Iu Interface is required
 - Lower OPEX cost
- Existing Radio vendor easier to integrate than new vendor

Disadvantages:

- Less flexibility during Integration due to live customers on GSM/GPRS network
- More complex to introduce new Radio vendor with existing core both technically and commercially







