

FCC TECHNOLOGY TRANSITION
TASK FORCE PANEL



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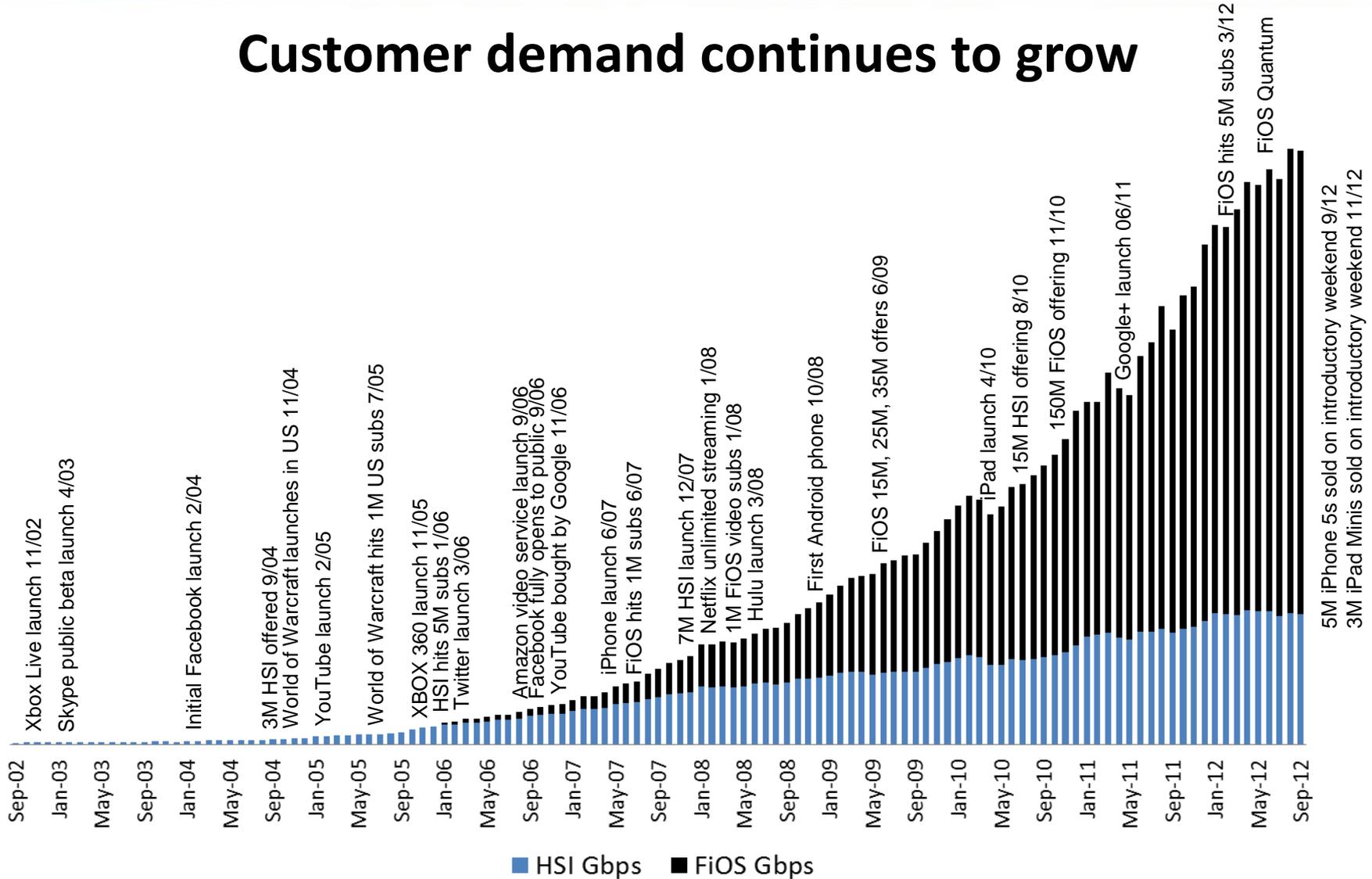


The Realities of Life in Telecom

- **Consumers have more choices than ever in how to communicate and now choose from a wide range of services, devices and networks.**
 - Large numbers of customers have already moved to cable or telco's next generation networks for their communication needs.
 - With 105% wireless penetration it is clear that communications is no longer limited to talking
 - Cord Cutters now, "Cord Nevers" on the horizon
- **The traditional copper network is limited in its ability to satisfy customers' growing demands**
 - Bandwidth capacity and speed is the future
- **The traditional copper network is aging and has inherent limitations despite our infrastructure improvement programs**
 - Metal + water + oxygen = service disruptions



Customer demand continues to grow





Why Network Evolution?

Uses all the platforms available to us to best serve our customers

1. Leverage our existing network investments to:

- Improve reliability
- Deliver better service
- Transition off manufacturer discontinued equipment

2. Move copper customers to alternate technology for the same or better price

- Fiber
- Wireless