

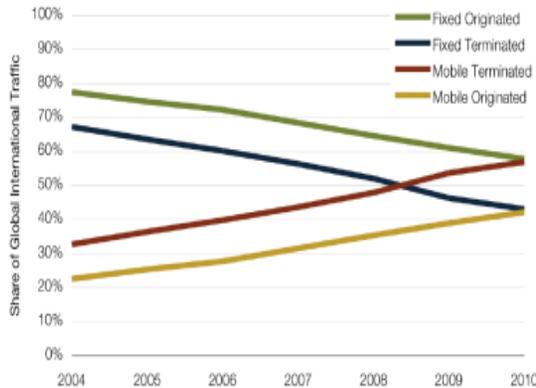


# Carlos DaSilva

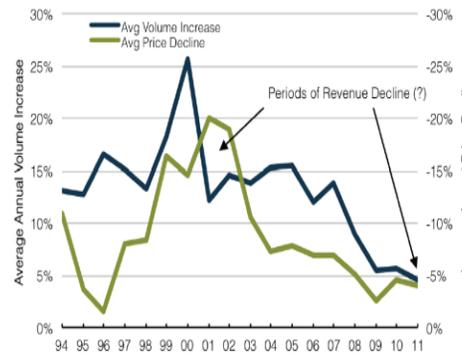
Director, Product Business Development  
PCCW Global

# The International voice business is slowing down in most regulated/mature markets.

## Fixed-Mobile Divergence



## Retail Price Decline v. Volume Growth, 1994-2011



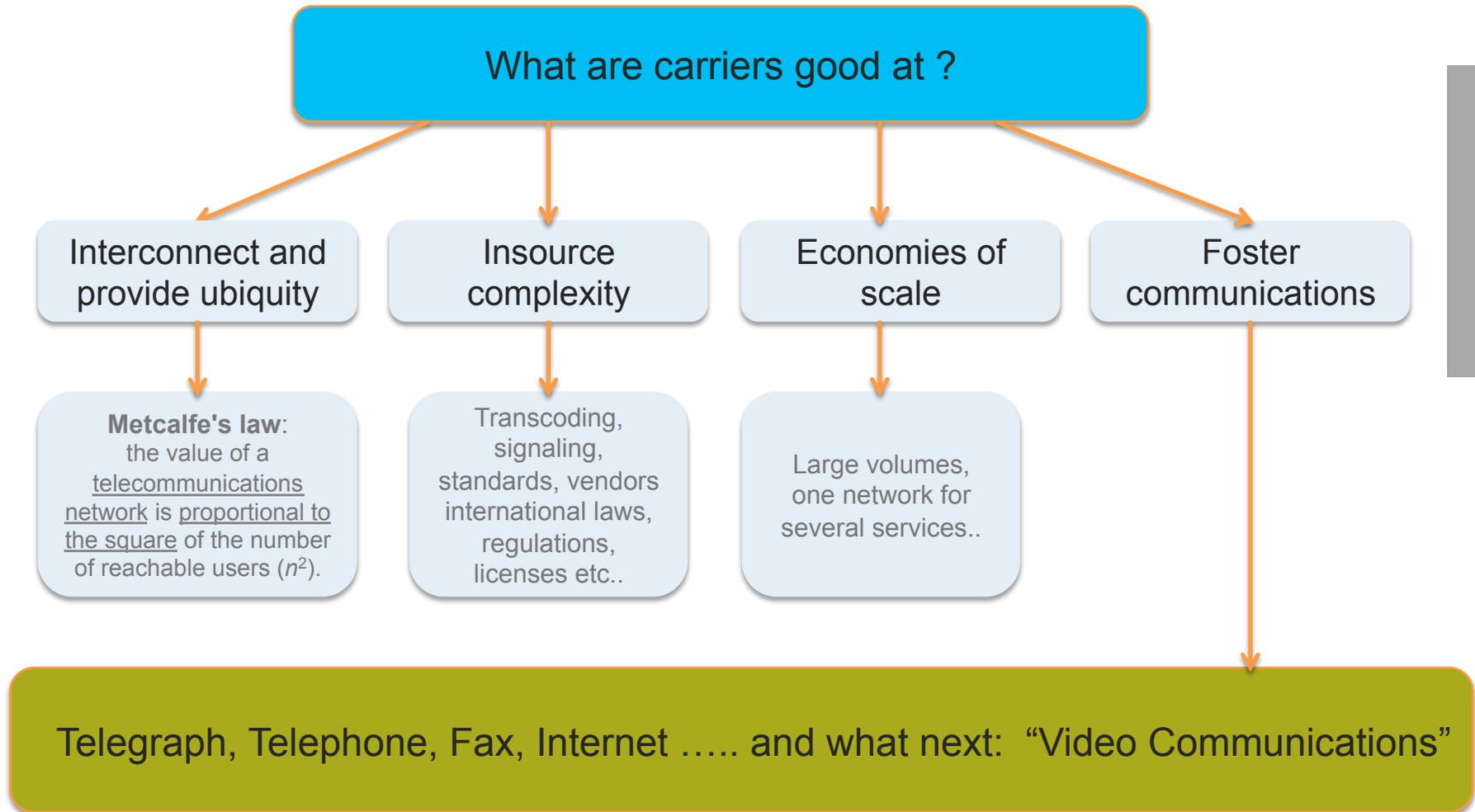
- Spanish regulator to cut mobile termination rates by 80% from April 2012 till October 2014
- UK termination rates to be slashed by 83% by 2014
- Kenya to cut mobile termination rates by 35%

from a “nice to have” to a “must have”

The industry needs to keep adjusting its voice business and find new models and other services

or be proactive and develop

# The DNA of carriers' "know how" and products



# The video market does not provide ubiquitous QoS IP interconnects



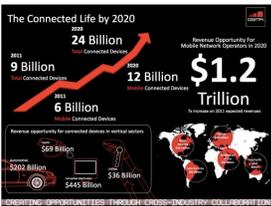
High-end HD conference market is growing with double digits



Point-to-point HD video call has a demand but no market offering yet



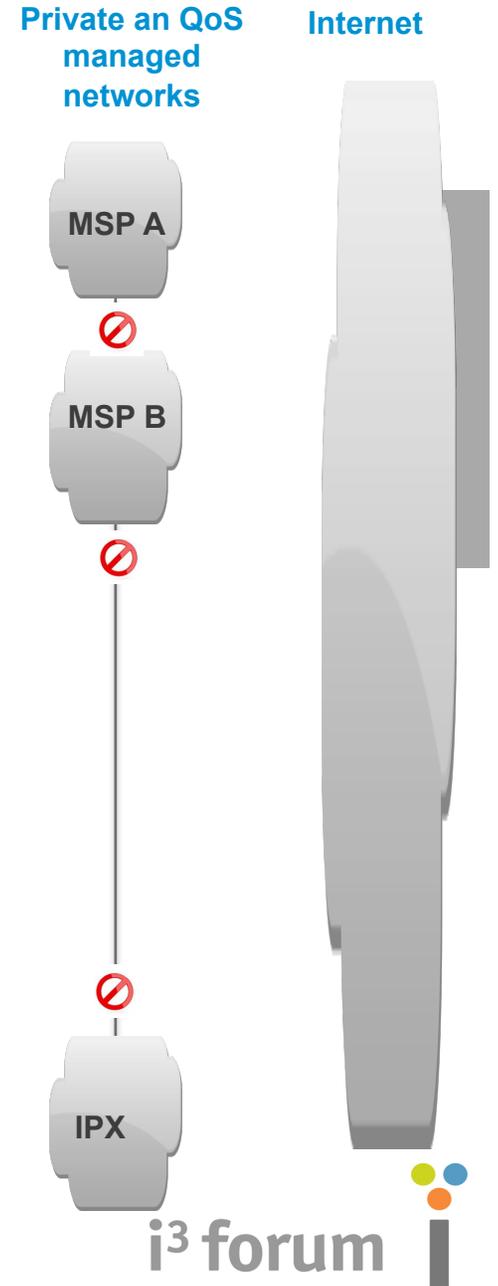
More and more new TV sets come with Skype built-in



Number of mobile devices do not stop growing and every new one comes with an HD camera

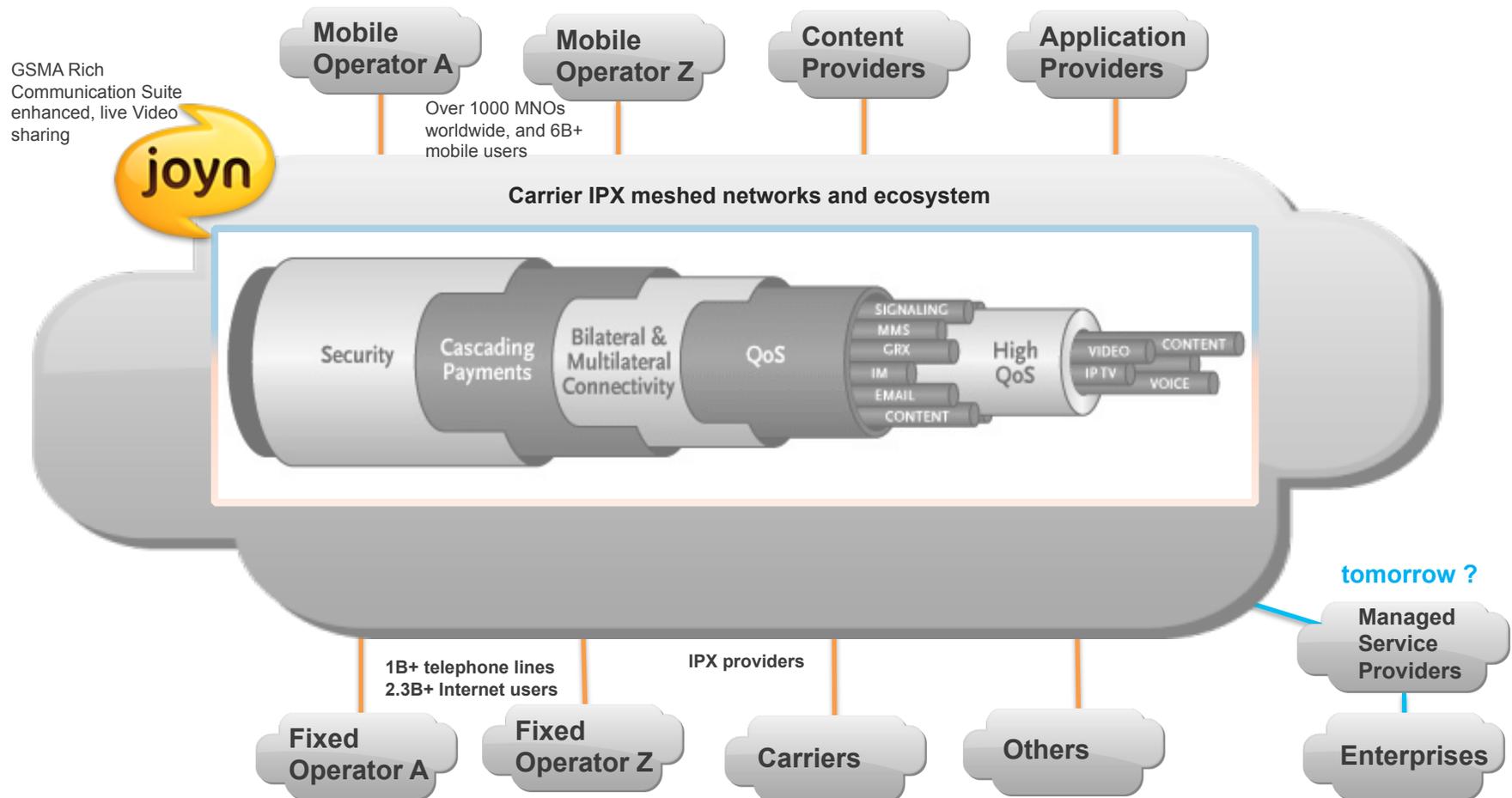


Fiber and 4G will give greater access bandwidth and spur new usages

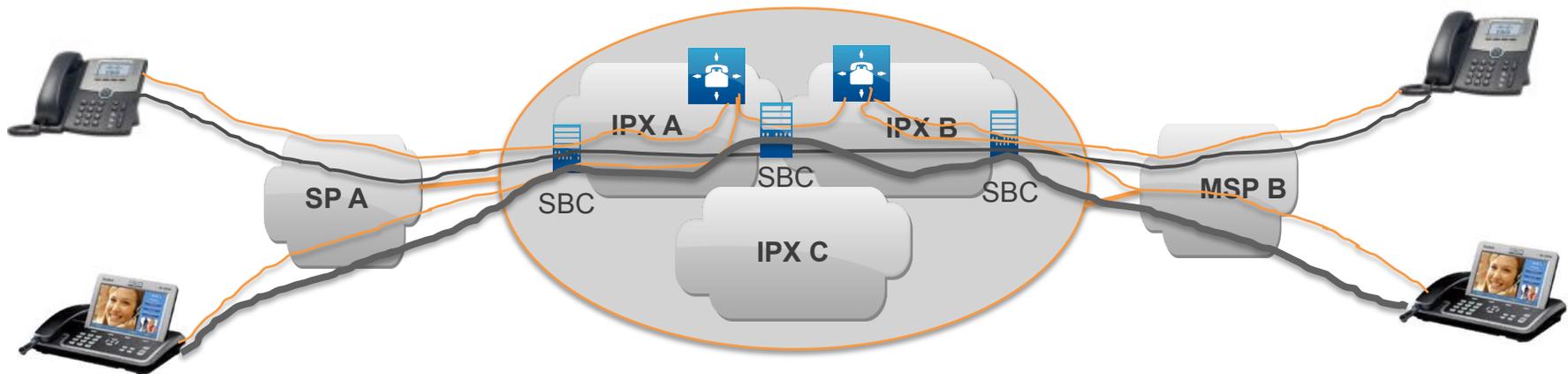


# Basic principles of the Carriers IPX ecosystem

The carrier IPX ecosystem is an ecosystem available for and beyond mobile operators to all other service providers that need IP QoS, SLAs for audio, video and other proxies hubs to enable end-to-end services in a technical and commercially sustainable and competitive ecosystem.



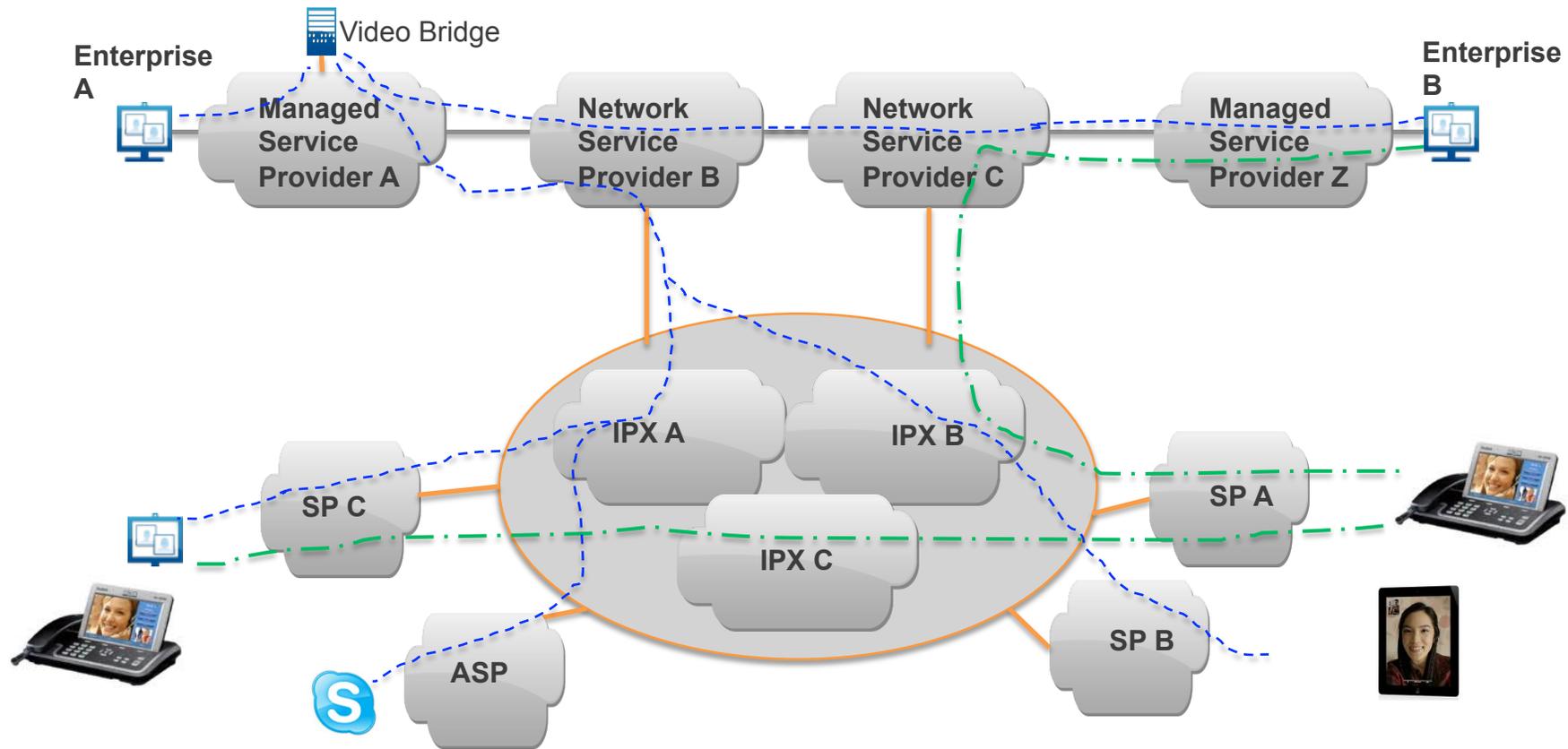
## Carriers IPX and Video over IPX is a natural evolution of voice



- **IPX providers can enable HDVC over IPX with limited incremental capex required**
  - use existing voice controller for signaling
  - use existing (or similar SBCs).
  - use existing IPX network
  - use existing rating and billing tools for transport
- **Required extra work and capex to deliver HDVC over IPX**
  - develop product (including OSS/BSS) and ecosystem
  - define operational/technical/business principles for interconnections, including routing and addressing.

# Example of video communications and carriers IPX interaction

With a greater interconnection of end-points comes a greater probability of calls and greater revenue and customer satisfaction



- Carriers IPXs can enable other SPs customers to join videoconferences in a QoS managed environment and compatible business model.
- Carriers IPXs can enable point-2-point HD video calls

# Together we need to bring about the IP Future !

- I3forum will pursue internal discussions and works to enable a greater reach of High Definition Video communications with managed QoS, sustainable ecosystem, and ease of use for end-users
  - ENUM, routing and addressing
  - Signaling
  - QoS, SLAs
  - Business model, procedures etc..

**Keep in touch, follow us or join us for this new enabler of peoples communications**