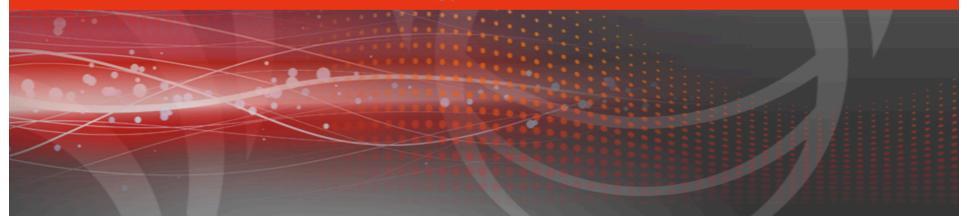


III- NEW IPX SERVICES – OPPORTUNITIES AND CHALLENGES

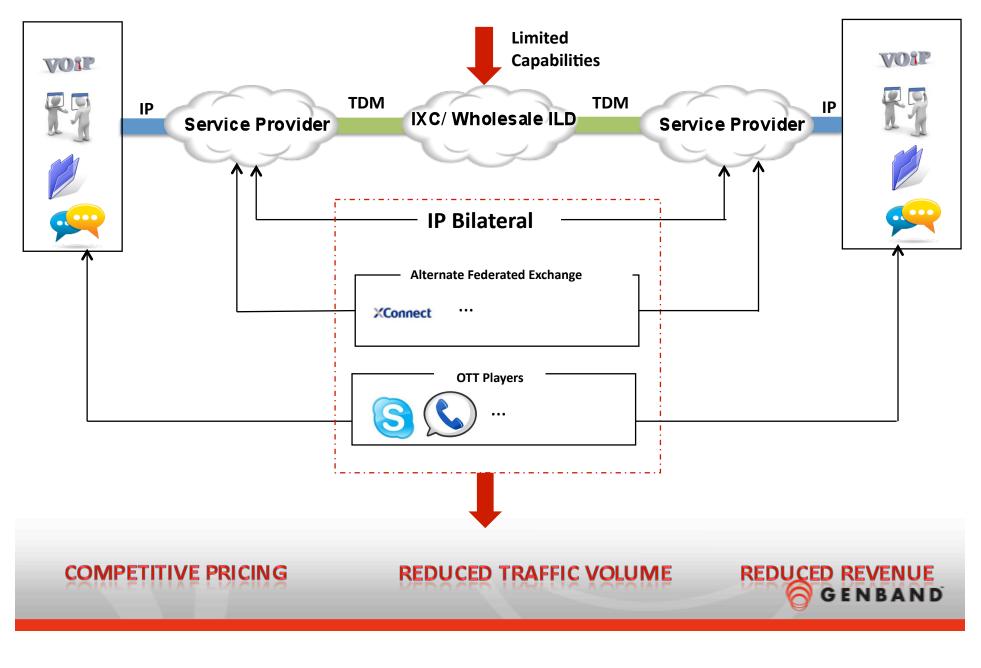
Natasha Tamaskar, VP Strategy, GENBAND



GENBAND at a **Glance**

Employees	2,300	
Solutions	Switching, Networking and Applications	
Operations	50 Sales and Support Centers	
Market Leadership	#1 Global VoIP Provider	
Customers	Bei er de de vireress carle à vireress carle à vireress carle à vireress carle à vireress carle à vireress comcast cox sprint Comcast cox sprint Cox sprint C	
	GENBAN	

Market Dynamics



New Services

Standard Services

- Monetization of service aware Quality enabled bi-lateral and multilateral multimedia interconnects – Voice, Video, IM
- ✓ Hosted interworking between TDM, Mobile, and IP networks
- ✓ Transcoding as a service

New Market Penetration

- ✓ Provide direct SIP business trunking services to enterprises
- ✓ Offer federated exchange between enterprises for unified tele-presence

Value Added Services

- ✓ HD voice and video telephony interconnects
- Interconnection between mobile operators for Rich Communication Services (RCS) interconnections
- Interconnect IMS interworks for VoLTE roaming

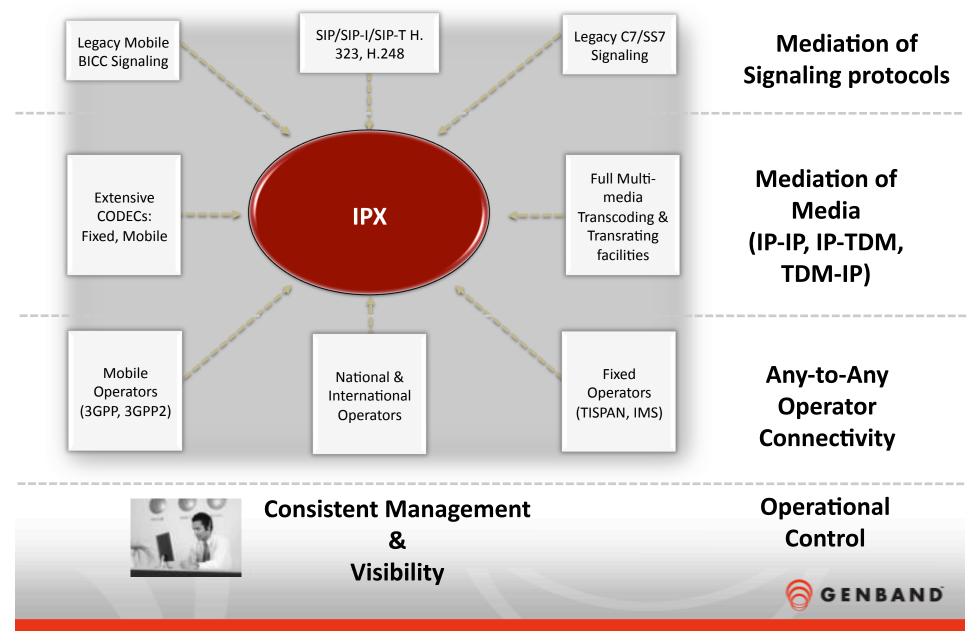
New Business Model

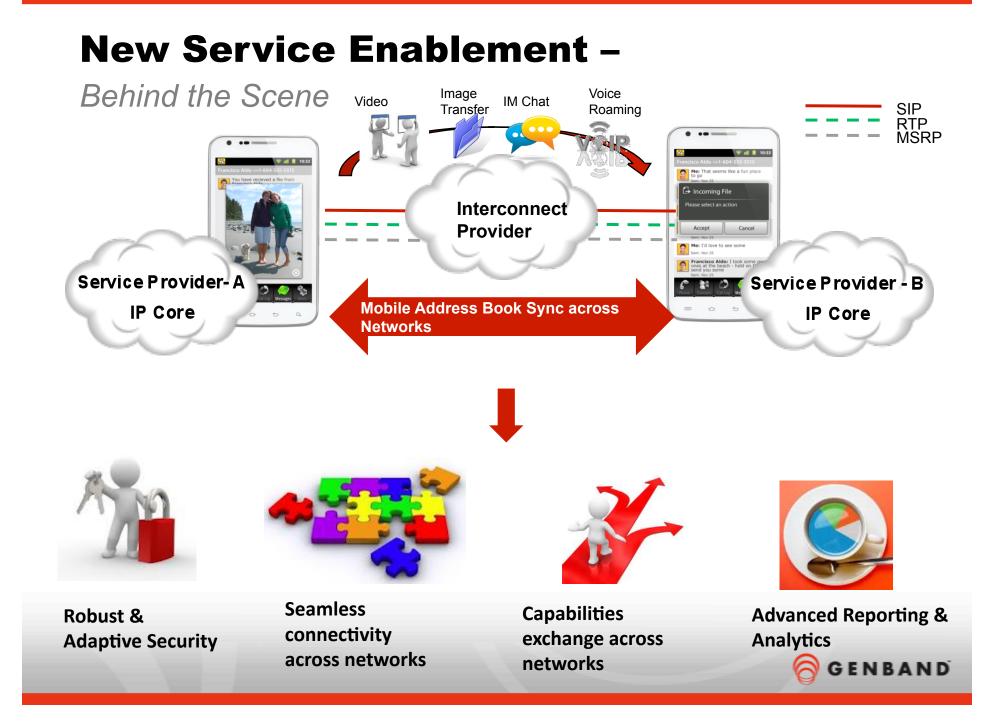
- Provide managed SBC services to service providers or other wholesale carriers
- Provide hosted applications infrastructure to service providers
- Traffic analysis and policy enforcement, CDN, hubbing, etc..

New Service Enablement



New IPX Service = New IPX Requirements





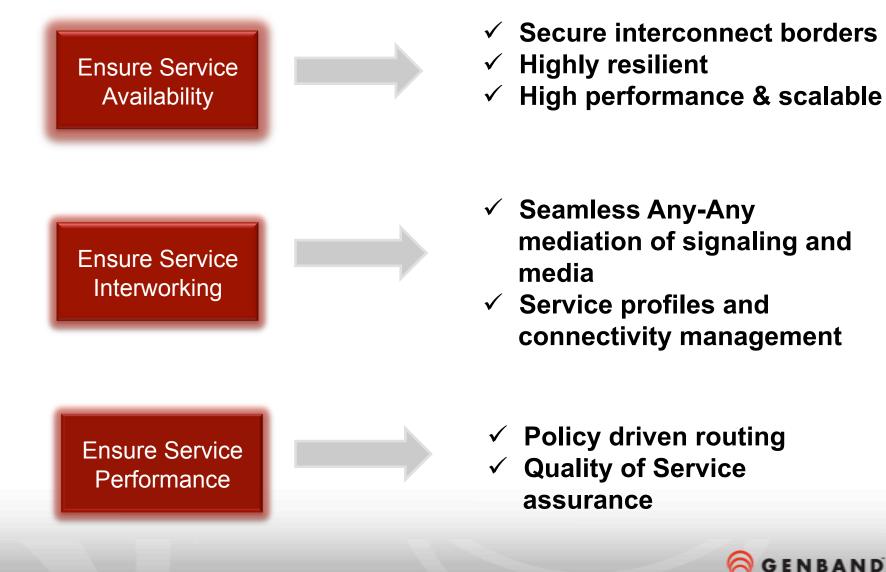
Ala Carte Menu Driven Interconnect Policies

- Sell predictable
 interconnect points
- Select the interconnect profile according to the service provider requirements
- Pricing can be differentiated according to requirements and backed by QOS SLA

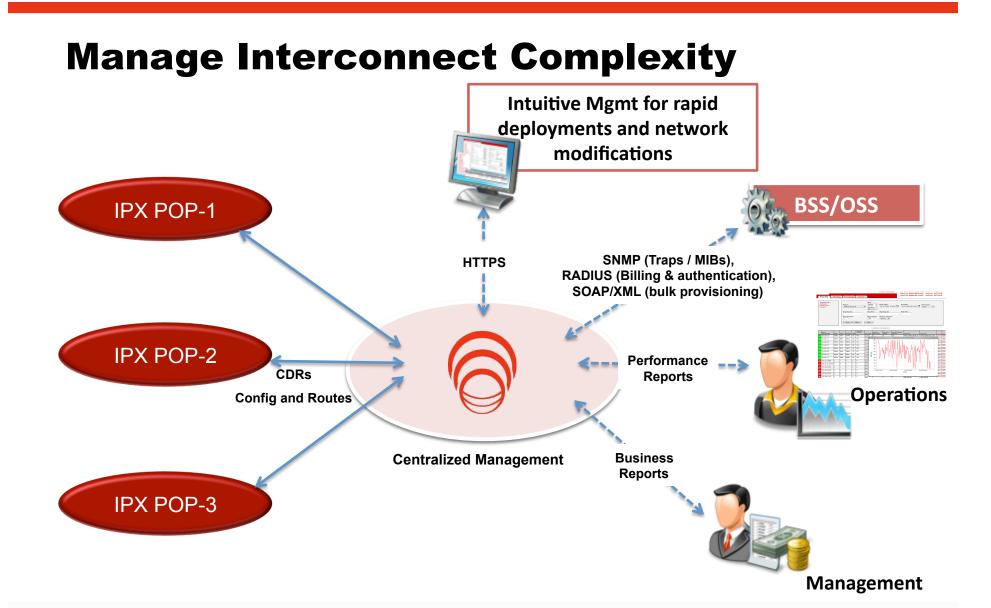
Interconnect Type	Codecs
☑ VoIP	☑ G.711
□ TDM	☑ G.729
🗆 Data	□ AMR
Signalling ☑ IETF SIP □ ETSI ISUP □ National ISUP □ BICC	□ <u>Service Type</u> ☑ Voice □ Video □ IM
Signalling Map	□
☑ ITU	



Providing "Predictable" Interconnections



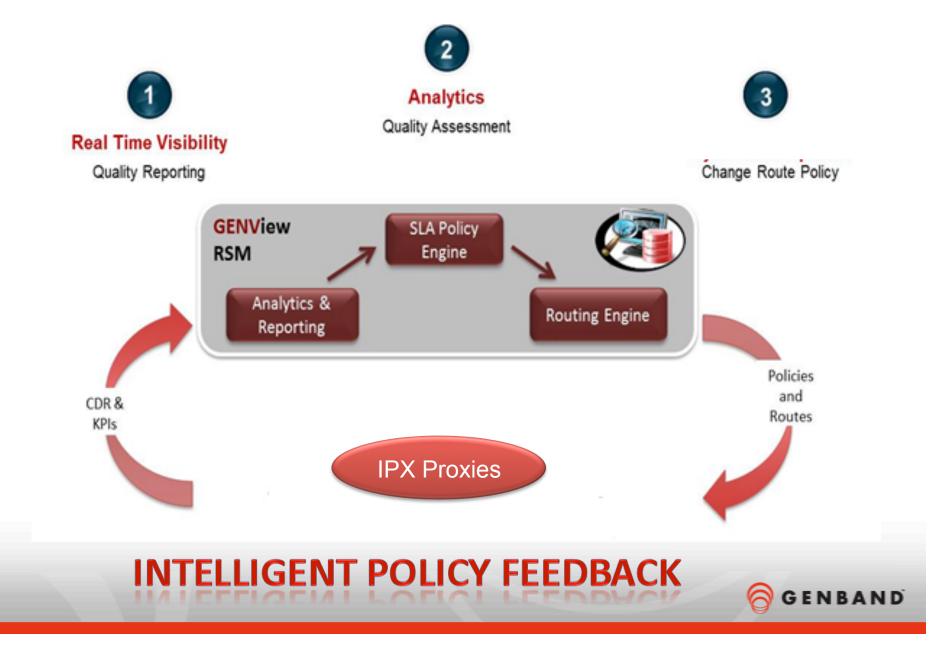




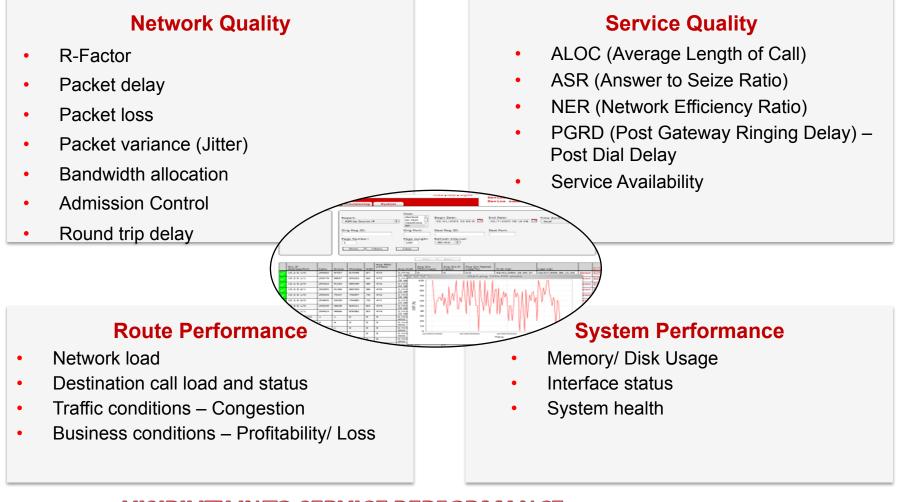
Network Wide Policies to Define, Monitor and Enforce Performance Criteria

GENBAND

Predictive Analytics - Dynamic Response



Interconnect With Assurance: Built In KPI



VISIBILITY IN TO SERVICE PERFORMANCE



Real Carriers with Real Challenges

Carrier 1:

- Many vendor components integration & manageability
- Difficult & costly to scale (specifically routing)
- Lacked Mobile IP interconnect (BICC)



Carrier 2:

- Interoperability with the various networks SIP, H. 323
- Session Management
- Visibility into the Quality of Service being offered
- Connecting cable operator and OTT provider to MNOs



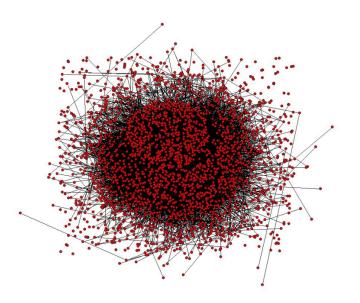
Real Carriers with Real Challenges (continued)

Carrier 3:

- Large volume of traffic
- Difficult & costly to provision and manage
- Needed to support Microsoft Lync 2010

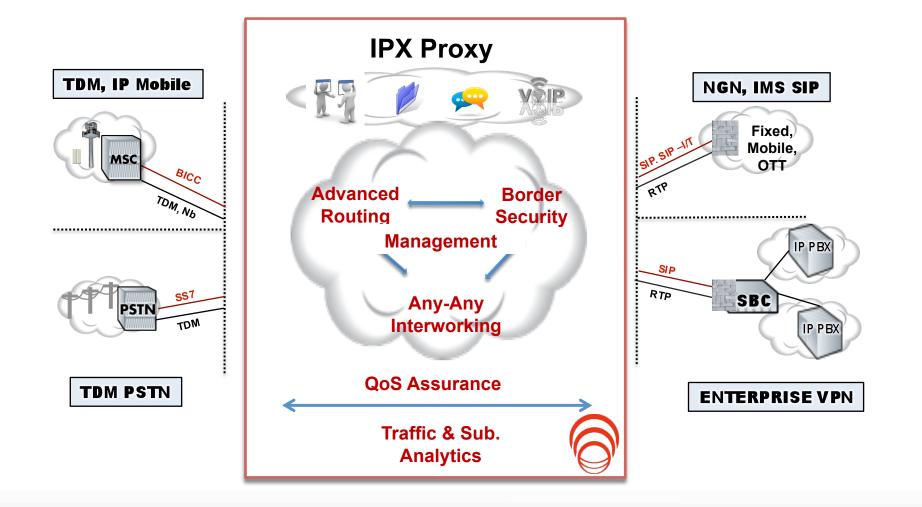
Carrier 4:

- Needed scalable transcoding solutions
- Needed comprehensive peering & Interworking features – fixed to mobile
- Required advanced routing





GENBAND Intelligent IPX Proxy



Any To Any Intelligent Interconnect

👌 G E N B A N D

GENBAND IPX Solution Value

Enables scalable commercial offering

- Simple Secure Modular Architecture
- Extends service reach with any to any interconnects - TDM, IP - Mobile, Fixed, Cable, OTT
- SIP, SIP-I, TDM, BICC
- High scale and performance
- Standards compliant

Interconnect with assurance

- Robust security ٠
- Any-Any interworking
- Extensive built in KPI for SLA assurance

Simple and Sensible Operations

- Centralized management with assurance
- Manage interconnections not boxes

Low Total Cost of Ownership

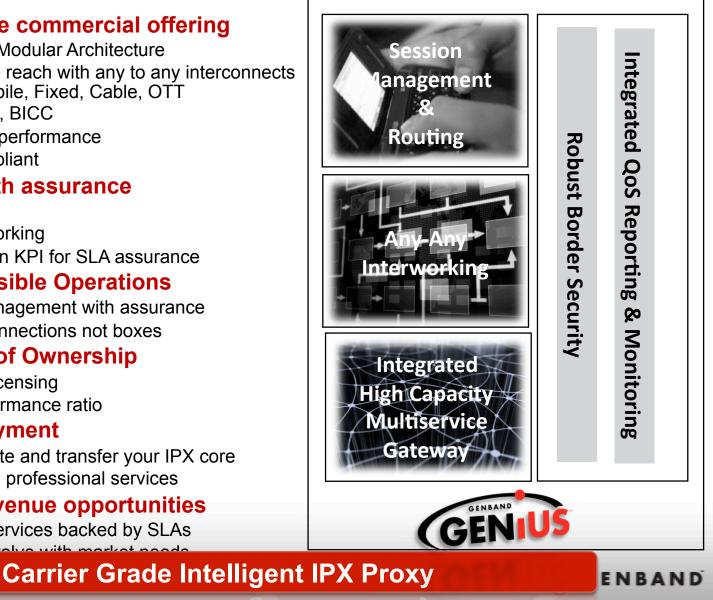
- Network wide licensing
- Best price performance ratio

Turn Key Deployment

- We build, operate and transfer your IPX core
- Industry leading professional services

Enables new revenue opportunities

Differentiated services backed by SLAs



Global Customer Experience

