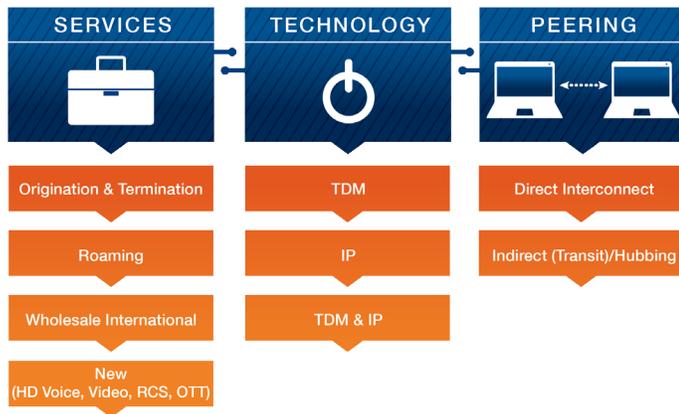


## NETWORK INTERCONNECT OVERVIEW



The world of carrier interconnect has shifted dramatically in the last few years.

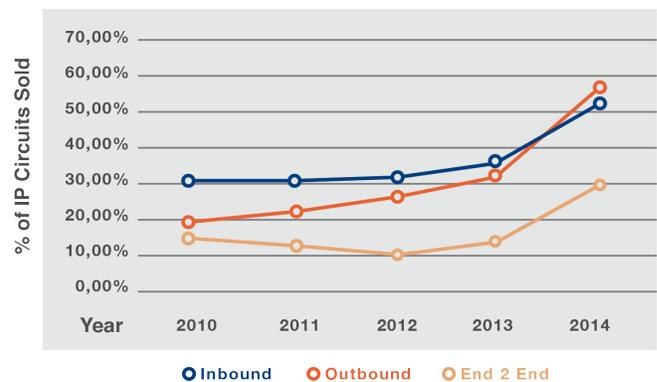


Whether the carrier is a wholesaler or a reseller, here is what we are witnessing:

- Voice interconnect traffic growth has slowed
- Retail and wholesale calling prices have declined continuously over the past 20 years
- Global retail revenues are expected to decline 2% annually
- International carrier traffic routed as VoIP grew to 38% in 2013
- On-net international traffic of Skype grew 35 billion minutes in 2014 to 248 billion minutes, and in general, the OTT impact is felt strongly by all participants in the market

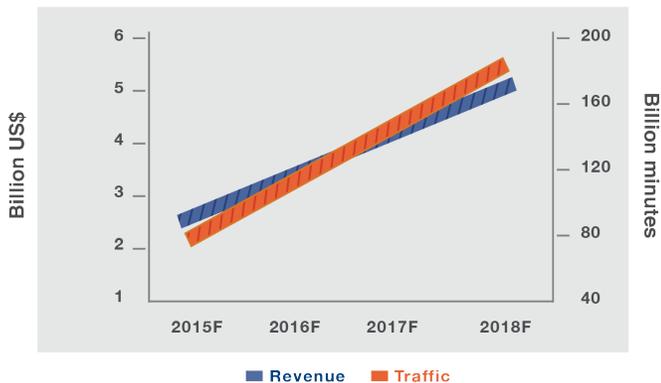
Further complicating the interconnect market, there are many other aspects of the interconnect world that need to be taken in consideration. According to the latest statistics from i3Forum, there is no denying that the migration pace of interconnects from TDM over to IP is accelerating:

### INTERCONNECT CIRCUIT DISTRIBUTION



If that isn't proof enough that the transition to IP is fully underway, visionary carriers are now starting to implement IPX: an interconnection model for the exchange of IP based (voice or data) traffic between mobile and fixed operators. Its Network-to-Network Interface (NNI) is defined by the GSMA, while the technical/commercial interconnection models are defined by the i3Forum. The forecasts for IPX are quite attractive, and there is a way to get there that doesn't have to be painful, and in fact can be quite easily designed and implemented. Ultimately, IPX provides a path for carriers to implement new services and is rapidly becoming the technical foundation for new interconnects.

## FORECASTED INTERNATIONAL VOICE TRAFFIC AND REBENUUE TRANSPORTED OVER IPS



Despite the above, it's prudent to note that the reality is PSTN interconnects are not going away. However, the migration away from TDM will continue to accelerate, and new services running on IP will need to be launched:

PSTN is Not Going Away	Legacy Interconnect
Migration to IP and IPX will Continue	Smooth Transition to IP/IPX
Revenues Declining, Need to Counter	Increase Margin, Add New Services

It is therefore the exact right time to reinvent the market and create a new model for Interconnect Services, one that can create new value for customers and carriers alike. The Metaswitch Interconnect solution can do exactly that. Leverage a new technological paradigm which supports an evolution to the desired end state. Metaswitch can help transform your Interconnect Services to thrive in a new vibrant market.

## INTRODUCING THE METASWITCH INTERCONNECT SOLUTION

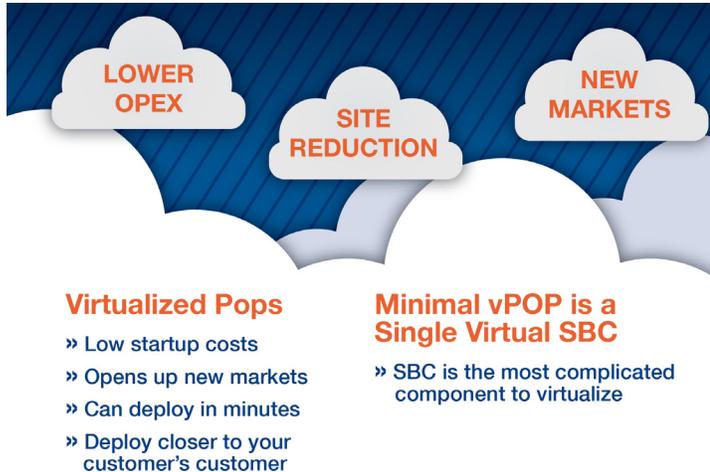
The Metaswitch Interconnect Solution allows you to meet all the challenges outlined above in an architecture that is consistent with the standards for IPX and IMS. With a portfolio set to provide all the support needed to interconnect different networks, Metaswitch can design a standalone Interconnect Solution for you, or deploy specific components to enhance your existing network to add new features and to support new technologies. Metaswitch's ground-breaking licensing model permits licenses to be transferred freely between platforms ensuring that not only do you get the most powerful solution on the market today, but that you're also covered for tomorrow and beyond. All these benefits coalesce into allowing for a gradual migration from your existing equipment and simple scaling as your business grows.



With any to any interworking, whether signaling or media, and advanced security functions, the Metaswitch Interconnect Solution has been proven in the field, and continues to be the solution of choice for carriers looking towards the future of interconnect. Our Interconnect Solution has already been selected by major Tier 1 carriers such as Telstra and DT, to name just a couple.

## VIRTUALIZED POP

NFV has taken off in all aspects of networking, and there is no doubt about the benefits of deploying virtualized functions. Players in the world of carrier interconnect in particular are looking to reap the NFV benefits by creating new virtualized POPS that require minimal investment, no risk and allows for elastic scaling of resources.



Metaswitch has embraced the promise of COTS hardware and virtualization throughout its Interconnect Solution. This allows Metaswitch's products to achieve market leading density and scale, while still retaining the core reliability, security and features demanded by today's carriers. This efficiency goes beyond the datasheet; Metaswitch is committed to real-world performance and has spent years identifying and removing the bottle-necks that cause other solutions to fall short of their claimed potential.

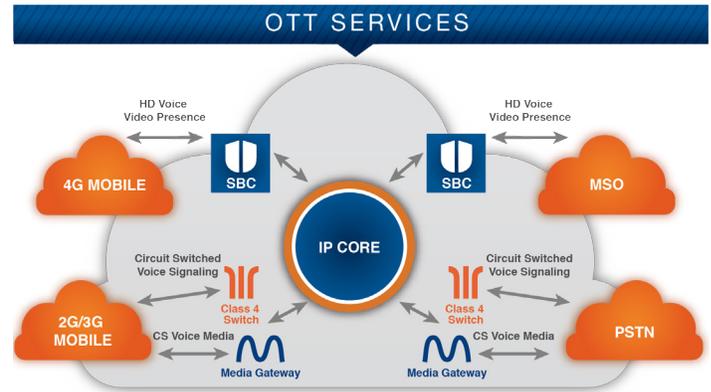
## ADVANCED ROUTING AND BILLING

Metaswitch products offer powerful Least Cost Routing, load balancing, and structured routing rules and algorithms, enabling the most efficient use of critical trunk interfaces. Routing on any property of the call, transcoding avoidance for example, is possible. In addition, our Interconnect Solution provides the ability to dynamically manage routing policies across your entire network:

- Intelligent, dynamic routing on a call-by-call basis in real-time
- Eliminates the labor and effort required to build, update and maintain LCR tables
- Transfers intelligent routing data burden from existing switching infrastructure to separate CPU engine
- Generates enormous efficiencies resulting in cost savings, increased revenues and optimized margins

## NEW REVENUE

With a vast set of features including MSRP for IM and file-transfer, video and video interworking, Metaswitch is ready to help interconnect all types of services. Services such as HD Voice and VoLTE peering are becoming mandatory offerings, and the Metaswitch Interconnect Solution is able to support these services and provide all the required SLAs and QoS. Our modular software architecture also allows you to scale each service separately, so whatever service takes off, your network is ready for it!



## READY FOR THE DIGITAL HUB

In the final analysis, the Metaswitch Interconnect Solution allows you to reduce costs by enabling the fulfilment of the promise of NFV and virtualized POPs, maximize margins with advanced routing and billing, increase revenue by supporting new services using IP and IPX benefits, and allows carriers to be more agile in their business practices.