



# **Cutting Through the LTE Hysteria Addressing Critical Decision Areas Now**

Mary Clark – SVP, Roaming

# 3G Versus 4G Evolution

*We make  
mobile work.*



Lack of applications

Multiple bands &  
frequency

Interoperability &  
interworking



100,000s of applications

Multiple frequency /  
spectrum fragmentation

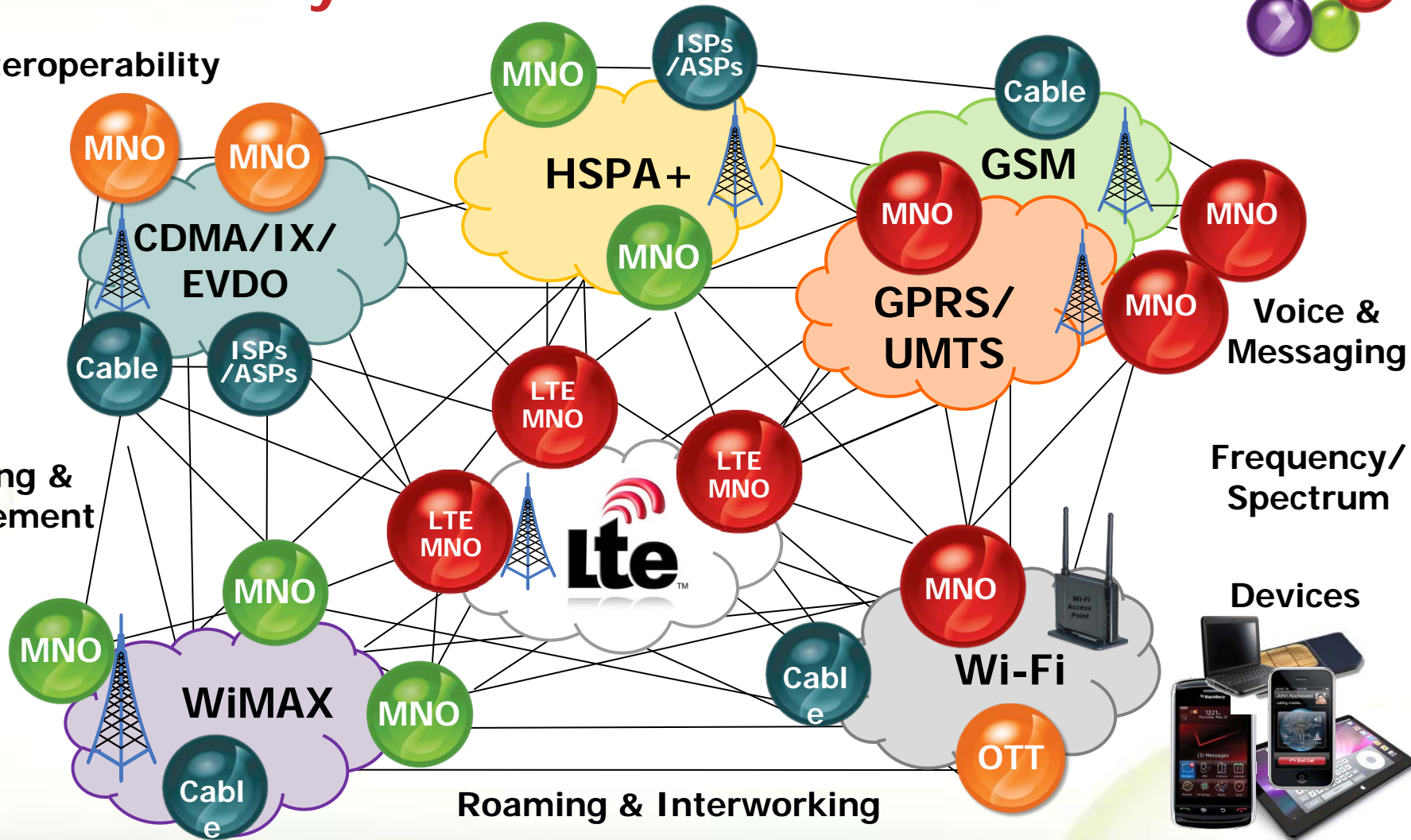
Even more interoperability  
& interworking

We make mobile work.



# Mobile Ecosystem

Interoperability



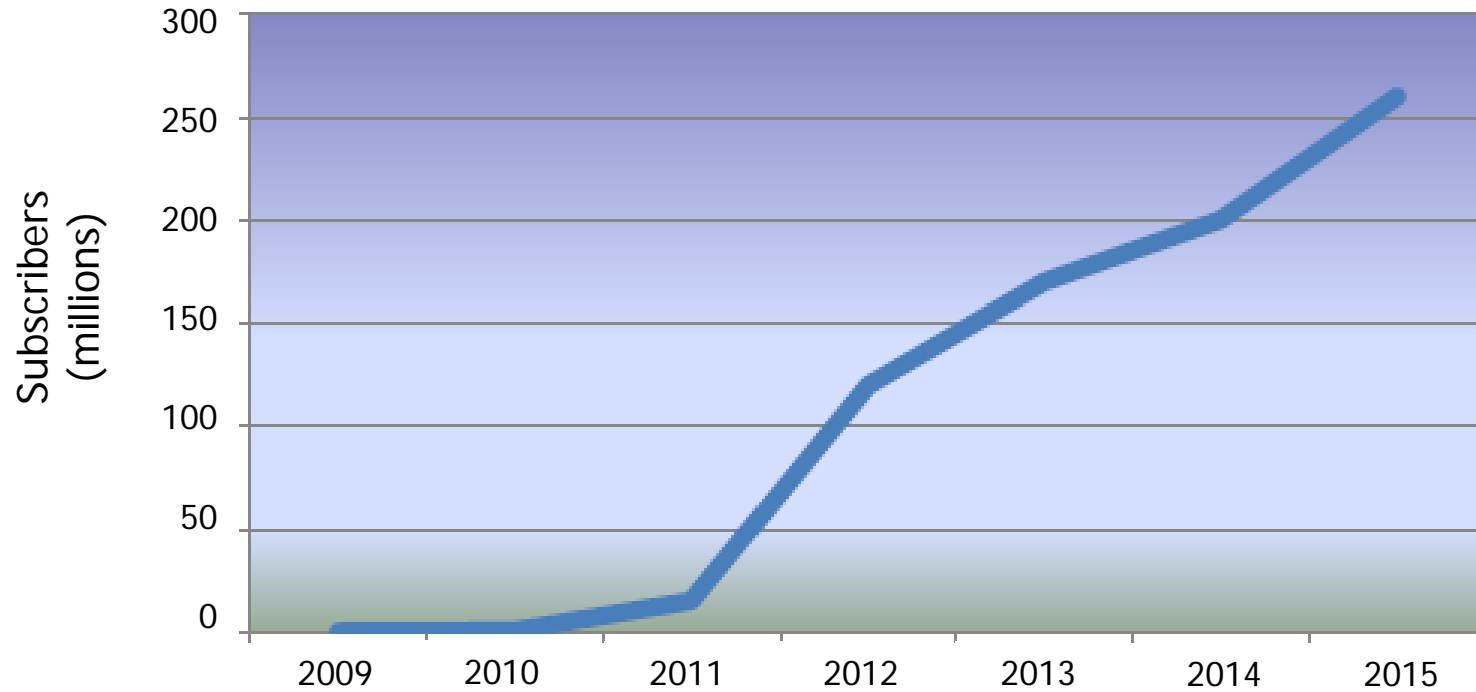
LTE will bring more complexity and fundamentally change the mobility ecosystem

# Global LTE Adoption Forecast

We make  
mobile work.



## Global LTE subscribers



Source: Visiongain

# Launching Your LTE Network

*We make  
mobile work.*



**Building your LTE network**

# Interworking

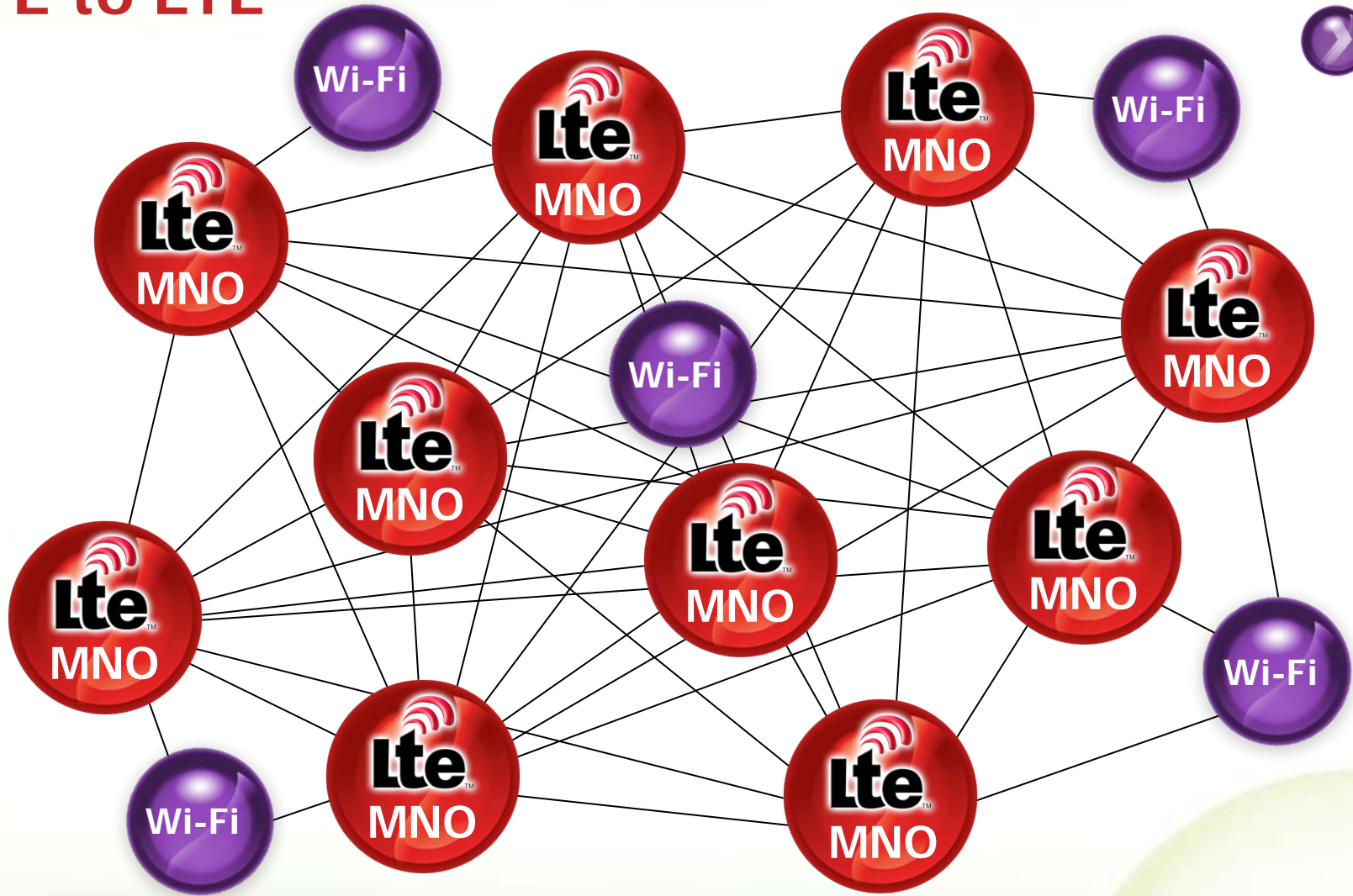
We make  
mobile work.



Bridging 3G to 4G

# LTE to LTE

We make  
mobile work.



Bridging LTE islands



# Key Challenges

- Cohesive business model to integrate 3G with 4G
- Roaming complexity
  - LTE and legacy coverage, and commercial availability
  - Charging principles and rates between LTE and legacy partners
  - Optimized handover
  - Choice of roaming partners
  - LTE features and strategy with your roaming partners impacts your users' experience



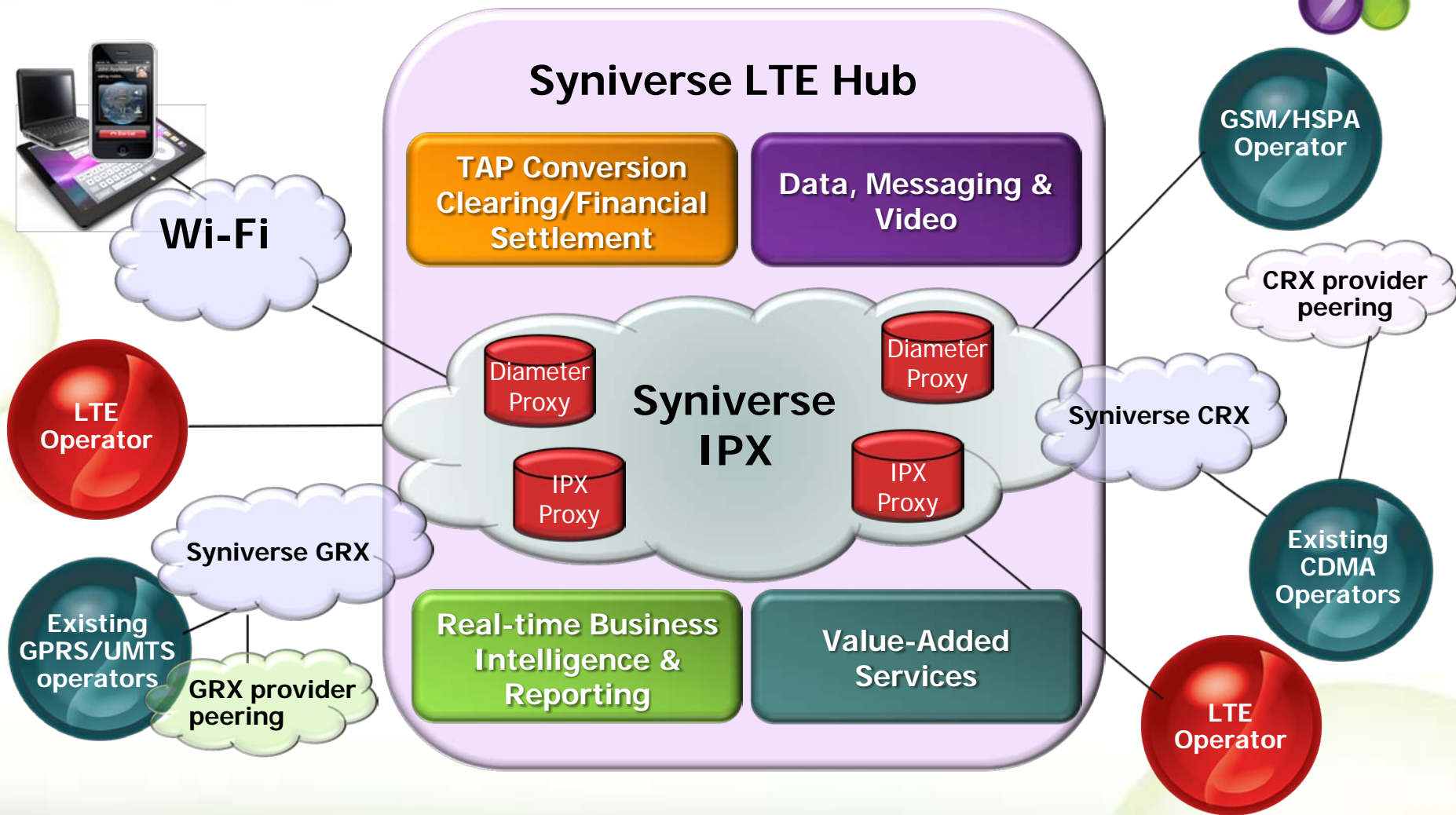


# Critical Decision Areas

- Define LTE roaming partners
- Determine pricing for LTE roaming subscribers
- Ensure DCH/FCH/NRTRDE is LTE compliant
- Verify all roaming VAS are LTE compliant



# Network Evolution to Support LTE

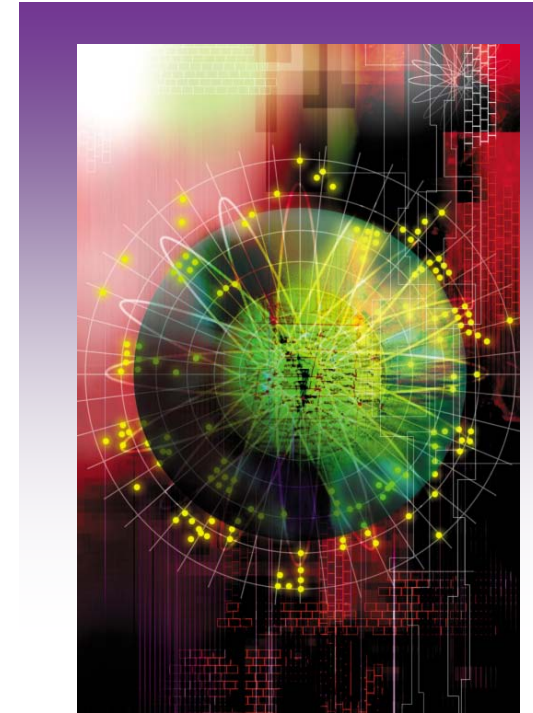


**IPX – the pivotal roaming and interworking ecosystem**



# Key Takeaways

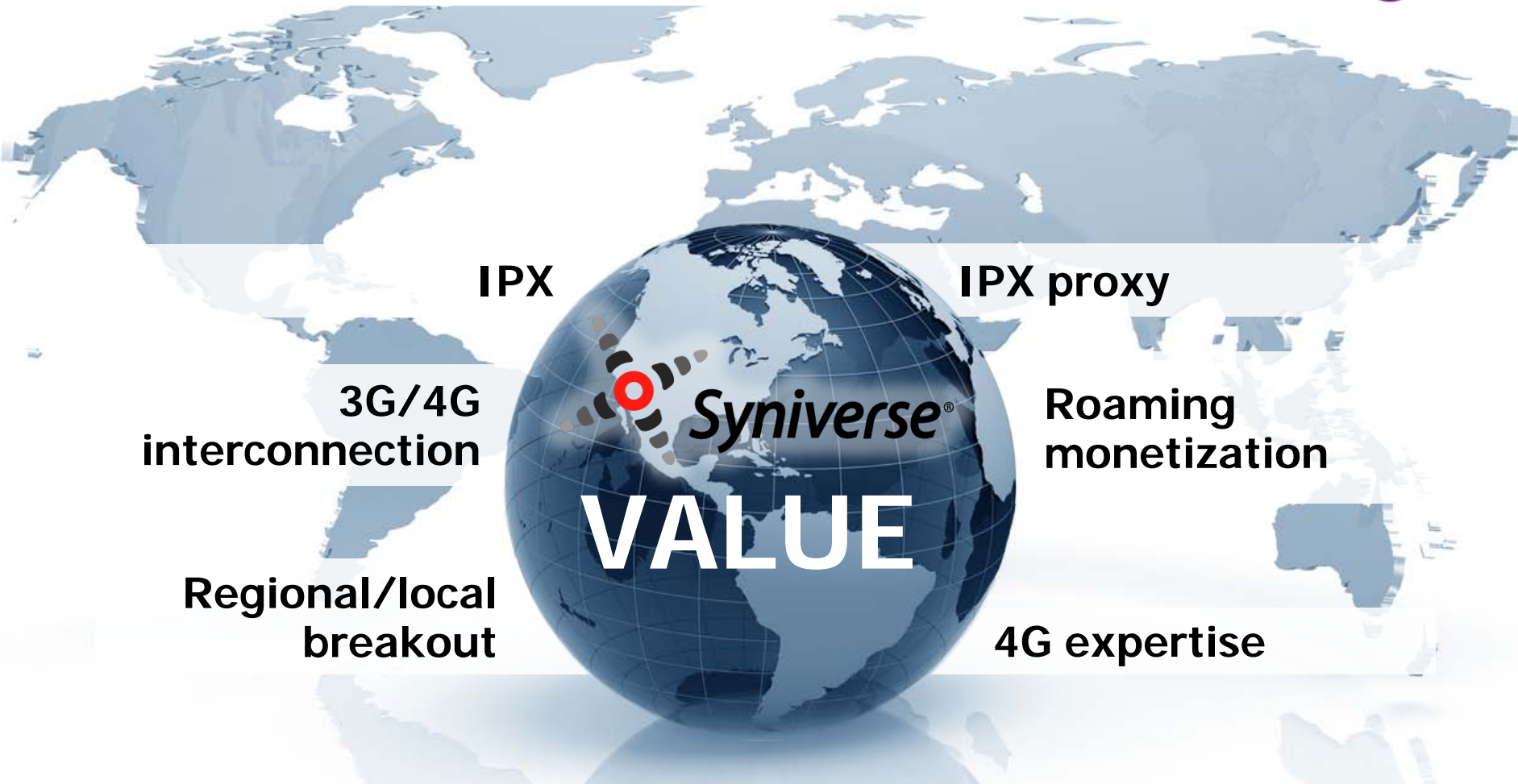
- Define your LTE strategy
- Analyze and mitigate impacts
- Consider both roaming and interworking environments
- Evaluate technical, business, commercial and operational aspects
- Integrate solutions across multiple technologies ensures end user QoE and simplifies operations and support



**Ensure seamless 4G evolution and enable real-time engagement for your customers**



We make  
mobile work.



**IPX**

**IPX proxy**

**3G/4G  
interconnection**

**Roaming  
monetization**

**Regional/local  
breakout**

**4G expertise**

**Syniverse®**  
**VALUE**

**Uniquely qualified to support evolution to LTE  
and provide integrated solutions**

*We make  
mobile work.*



**Thank You!**