

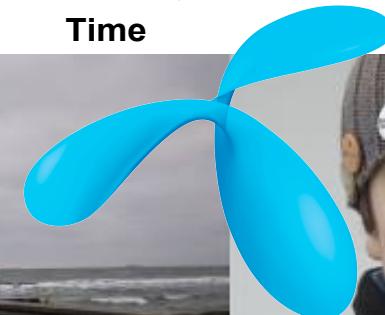
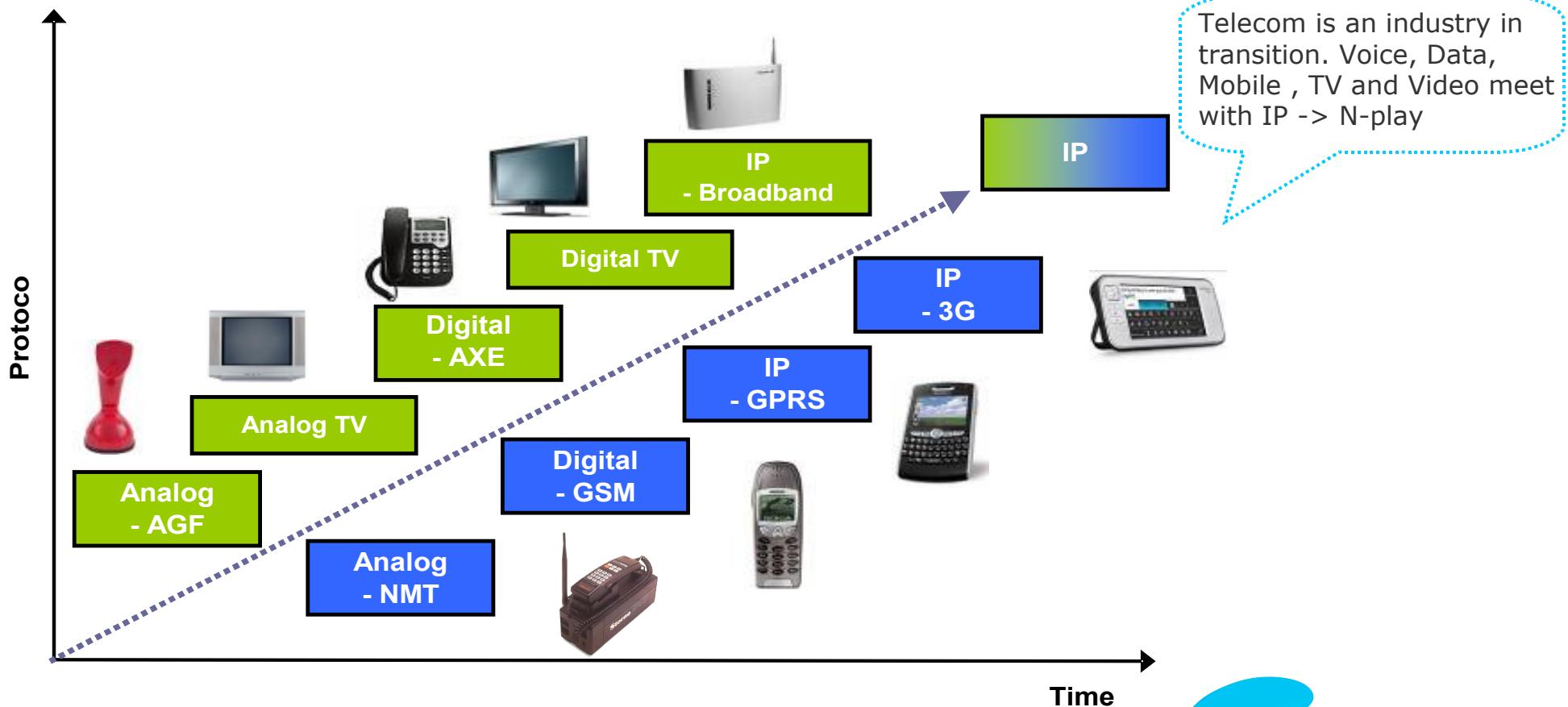
## **Competitiveness and Success in the all IP World**

**Sten Nordell**

**Chief Convergence Officer**

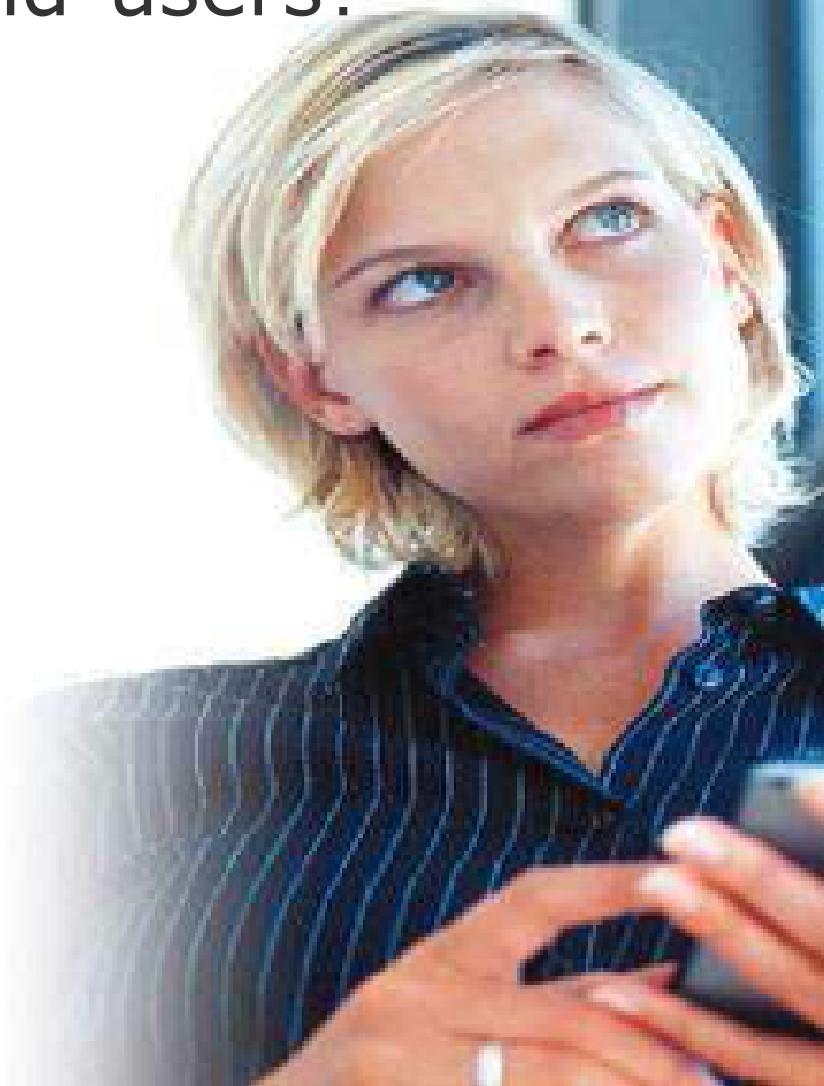


# - Convergence of new technologies creates new opportunities

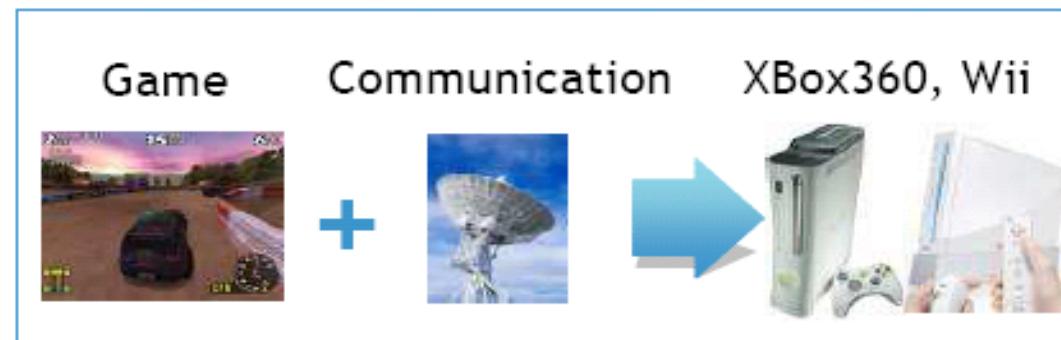


# What is convergence for end-users?

Convergence means  
new lifestyle services  
that enrich life,  
helping to  
communicate better



# What is convergence for end-users?



# What is convergence for service providers?

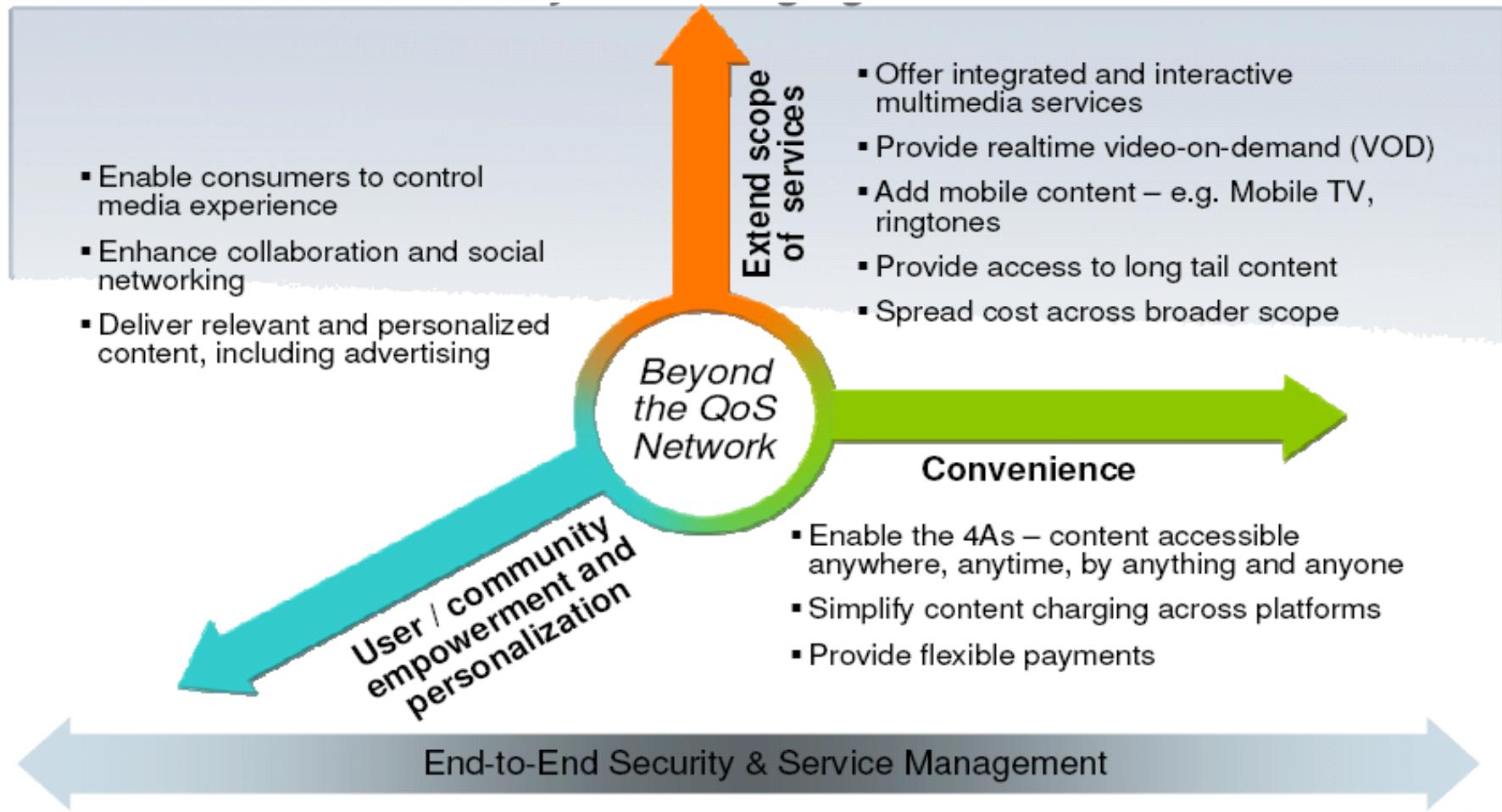
Convergence is about  
enabling transformation

We expect a smooth path to next-generation, service-aware networks, combined with advanced multimedia platforms, to deliver user-centric and revenue-generating communication services while reducing costs.



# Driving New Value for Customers

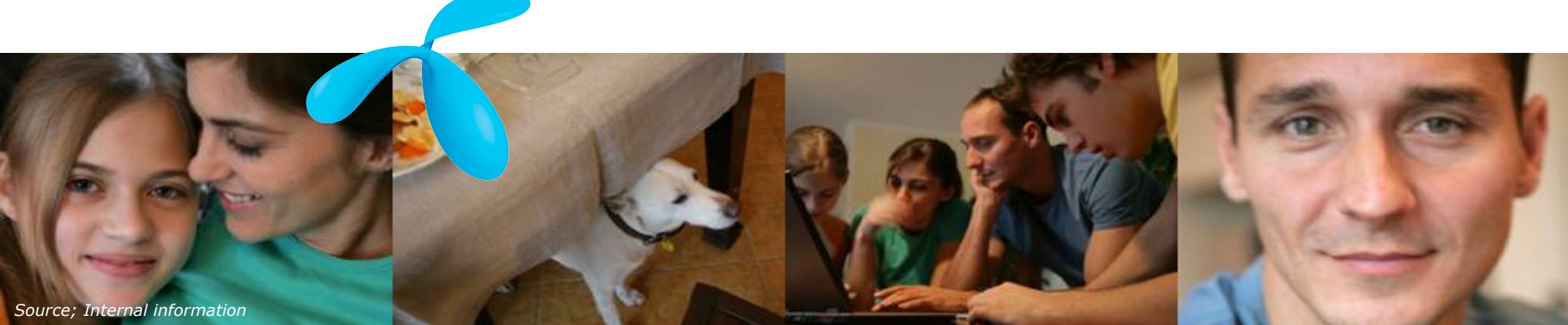
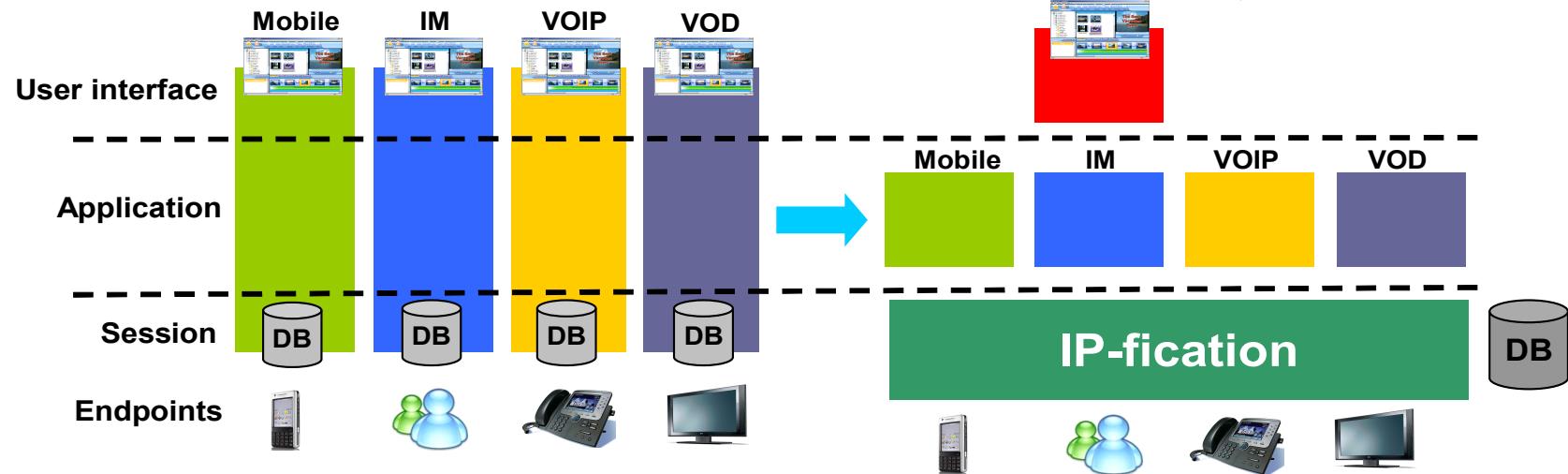
## *Providers Must Look Beyond Managing Investment in Networks*



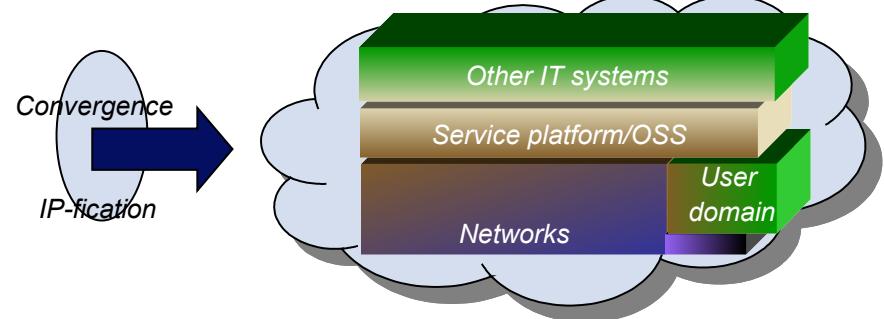
- Convergence should allow for efficiency in every aspect of communication

Competitiveness and success in the all IP world

The IP-fication will create building blocks of applications and services making them more flexible, thus enabling reuse to a larger extent



# Networks



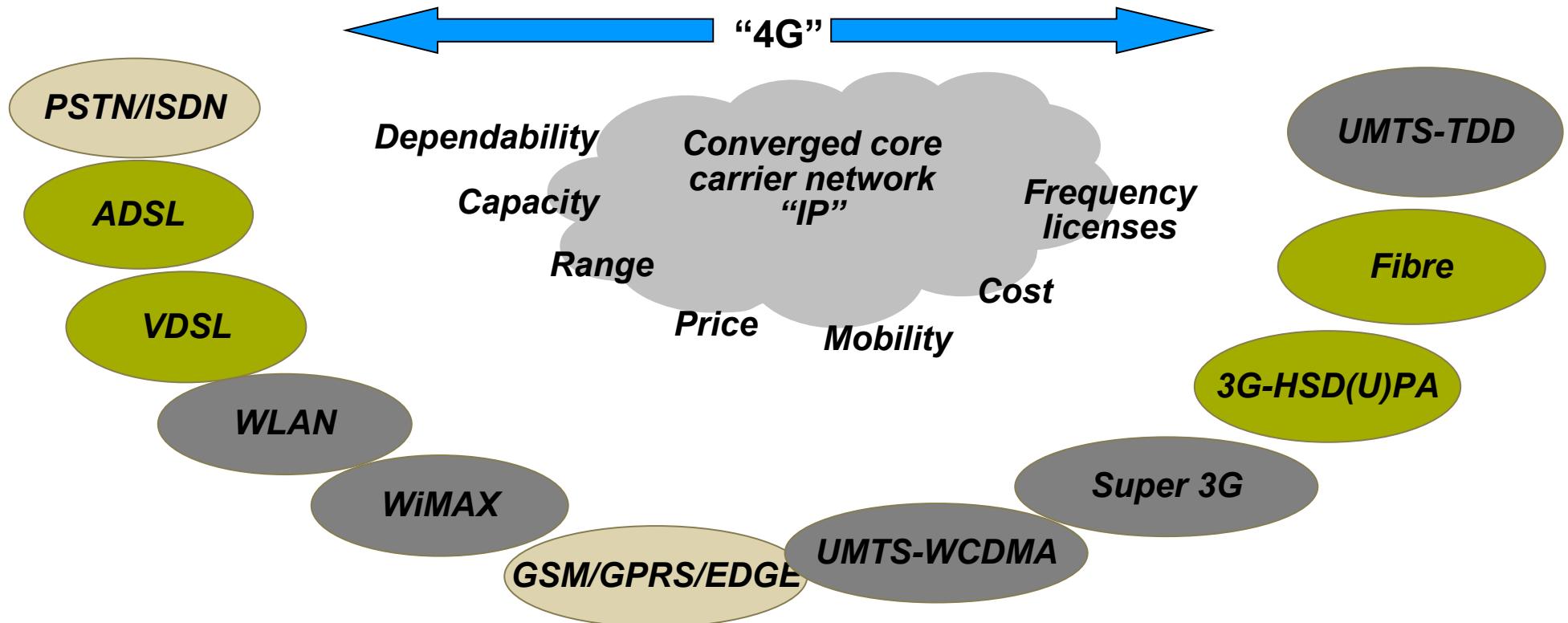
*An overall objective is*

*to achieve one common IP/MPLS network architecture servicing “Any service, any terminal, anywhere, anytime, to anyone” through a common core/edge and service node concept based on distributed principals focusing on today’s and future data, voice, video and mobile growing services.*

*Separating network control, bearer and access results in future network architectures for mobile as well as others will be implemented according to a layered concept. This results in a core network supporting any access form and N-play service offerings, driven by the all-IP standardisation effort.*

# Networks

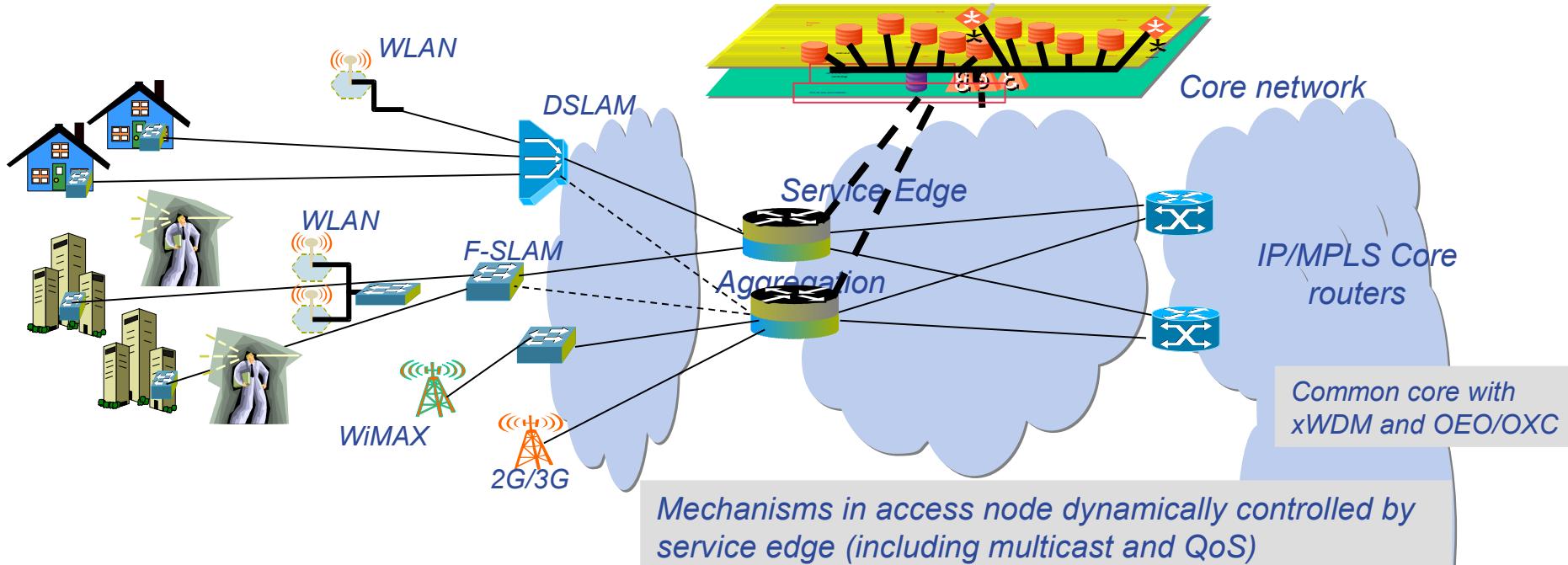
## Playing on the strengths of different access networks



**Network architecture capable of incorporating most suitable access networks.  
Access networks comply with functional/modular requirement  
Which access network to utilize depends on demographic/geographic/etc. conditions**

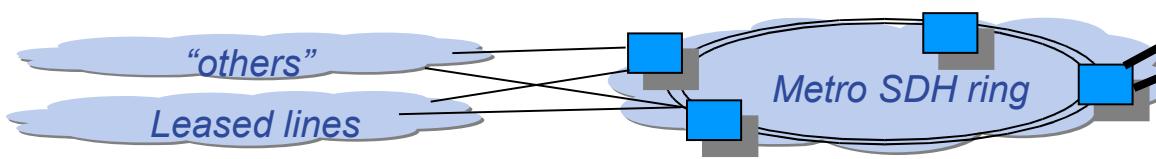
# Today's Architecture of the most modern IP-network

Converged broadband services



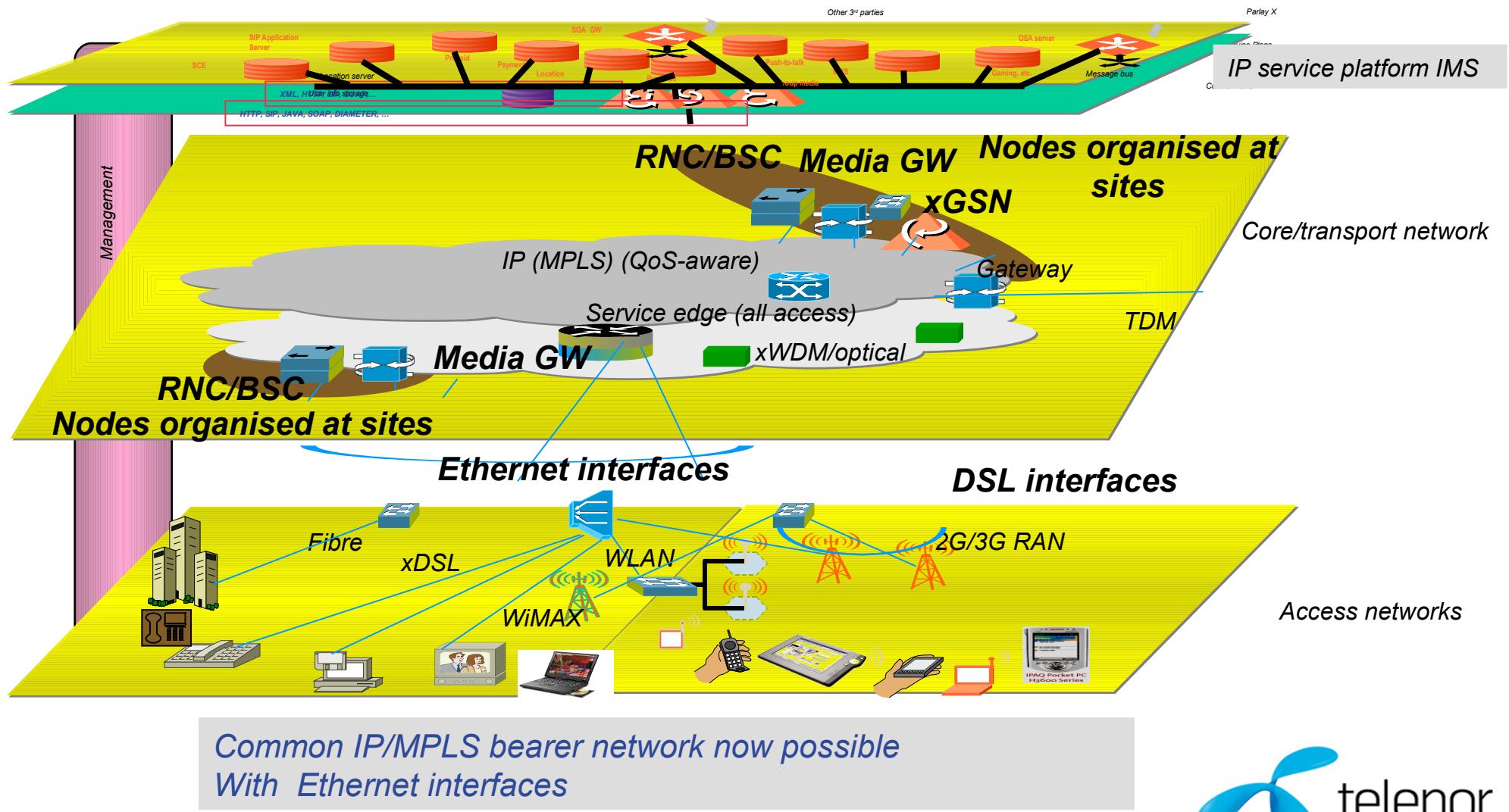
TDM-traditional services

*Traffic growth carried by separate cost-efficient network architecture. Avoid secondary investments in other networks*



# All IPNetworks

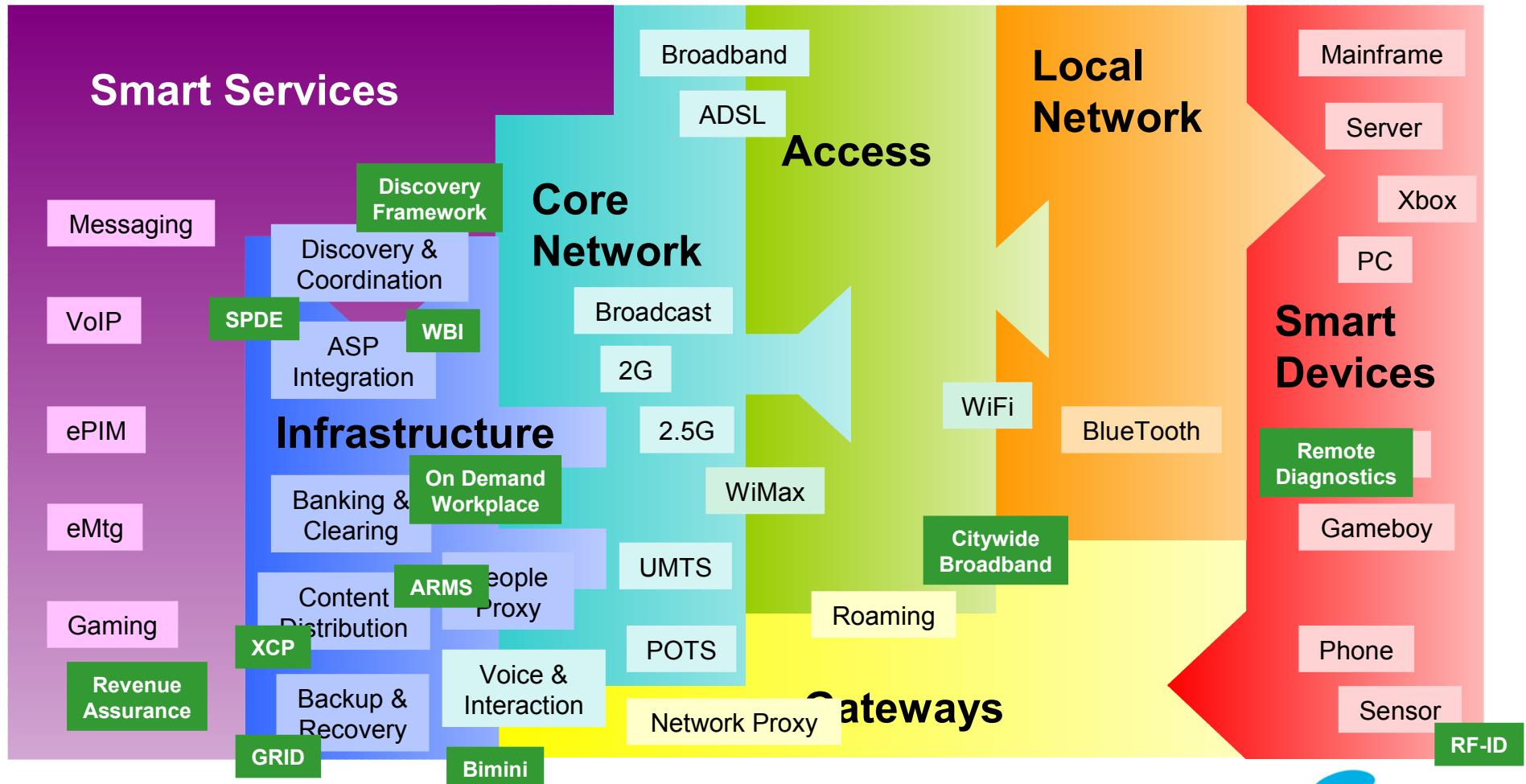
## Mobile systems; Layered architecture, common carrier



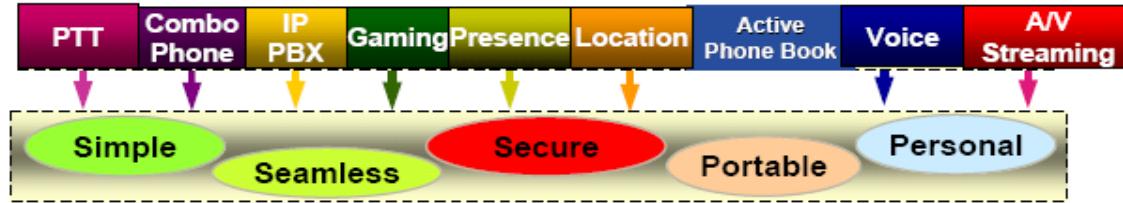


**Next IP Services Network**

# The New Network Model



# How to use capabilities to create Applications, Services and Value

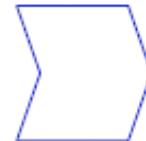


# Service Creation and packaging to meet requirements of different market sectors

## Common Building Blocks



- VoIP
- Flexible Call Routing
- Call Pick-Up
- RAN-WiFi Voice Call Continuity
- See-What-I-See
- Convergent Video
- Conferencing
- Group Communication
- Message Broker
- File sharing & transfer
- One Address book Integration



## Small Business Services



- Converged Small Business Centrex
- 3G to PC video calling
- In-call file sharing & transfer
- 3<sup>rd</sup> party – vertical or horizontal B2B interface



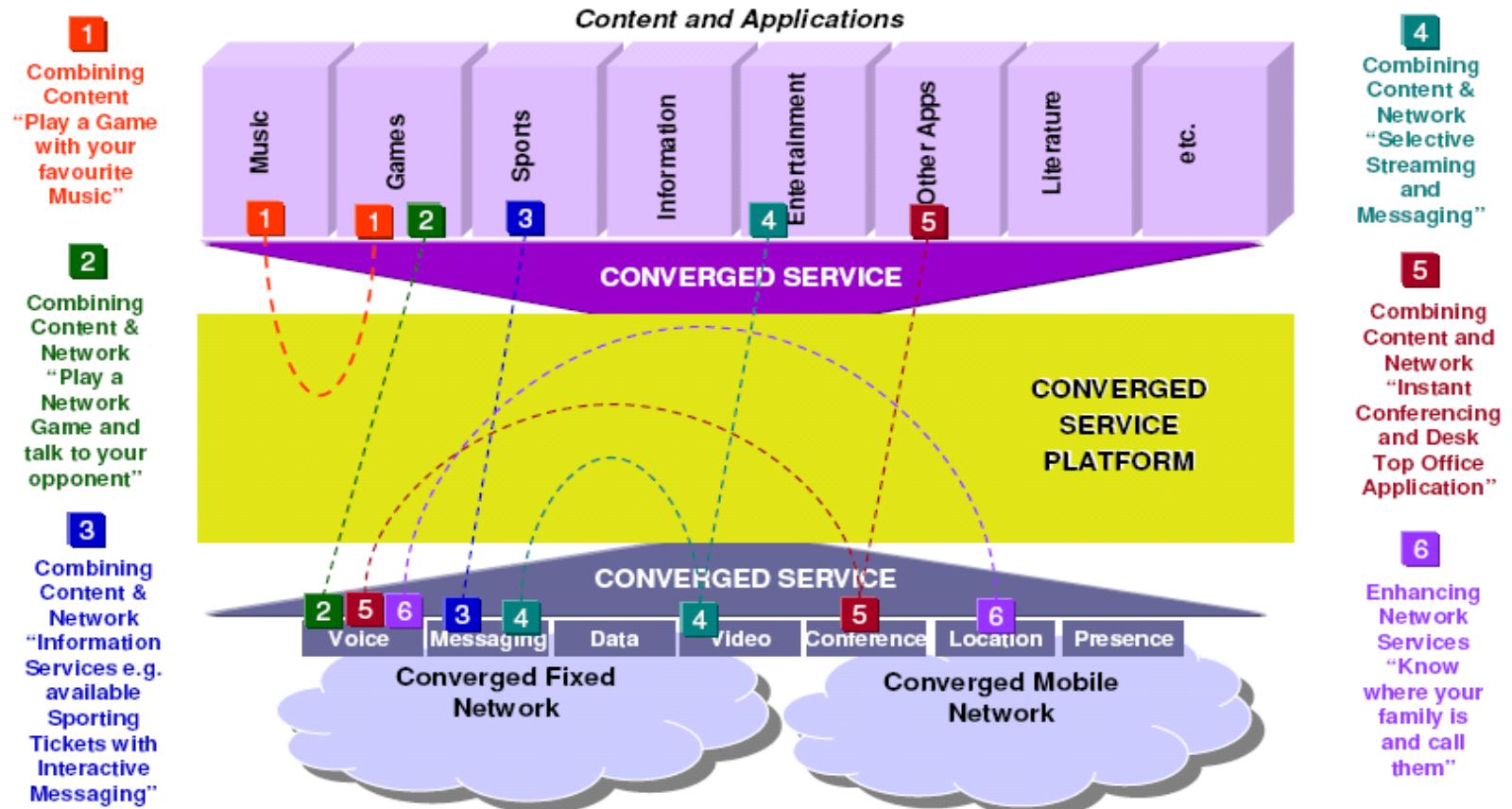
## Consumer Services

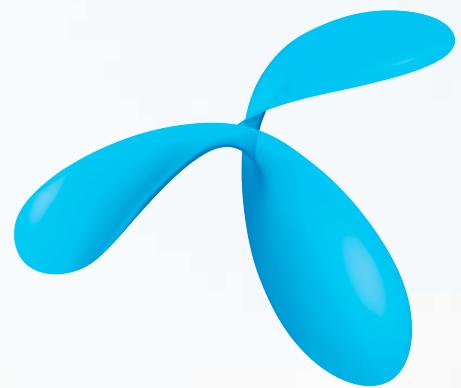


- Interactive mobile extension to online auctioning platform
- Budget "Walkie-Talkie" and kid locator
- Converged Friends & Family Blog
- Content Buddy



# Converged Triple/Quad Play Service Examples





**Questions?**