





# Broadband Network Rationalisation and It's Effect on Prices

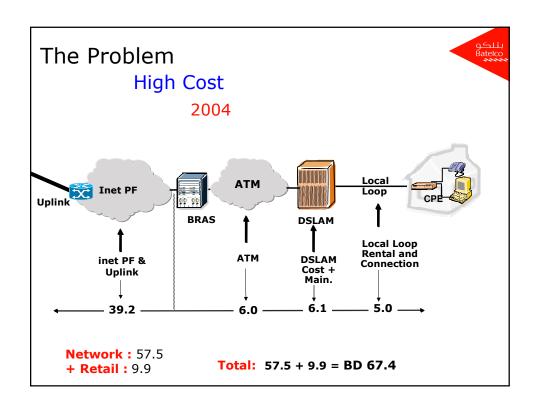
Mahmood Hashimi

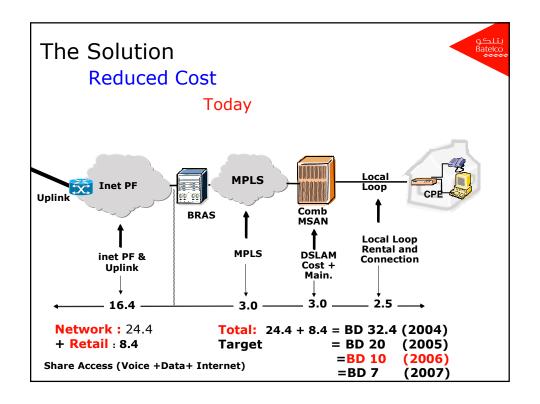
20th June 2006

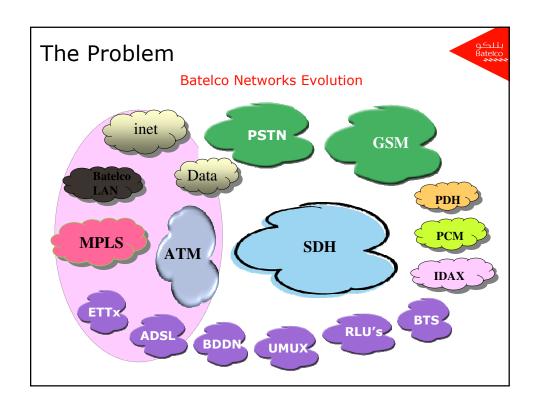
### **Presentation Overview**

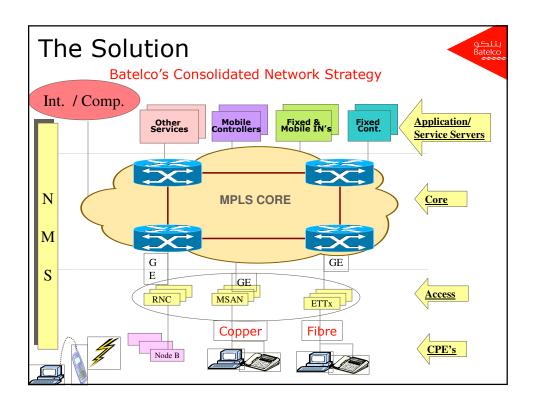


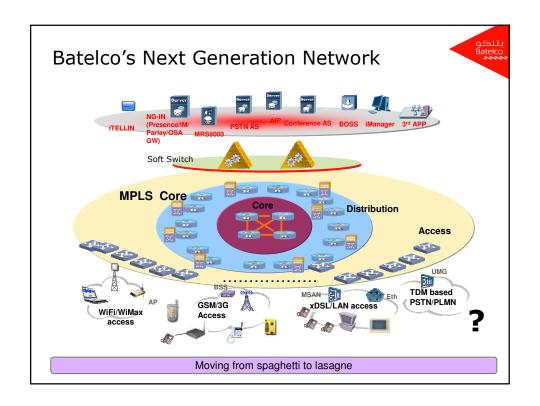
- What was the problem (Prior to introduction of NRP)
- The Solution NRP
- Why is NRP the Solution
- Why, what's the relation of this Program with Mobile and FWA?
- Complementary and packaging of Wireless and Wireline
  - Typical Applications
- · Wireless Vs Mobility
- Conclusion











### Establishing the right infrastructure - NGN



#### **Benefits**

- Cost saving through simpler maintenance & support
- · Flexibility where you need it
- Reduced risk & improved performance

#### How the network changes can help

- Reduce Cost: Shared network components for Voice, Data & Video
- More Value: Higher Speed & usage with lower price Lower than LL/FR
- Improve Efficiency: On-Demand Resource allocation
- Service Delivery: Remote & Real-time Service Provision
- Support for new services: Easier to create new services (CoS)

# Why, what's the relation of this Access Mobile and FWA



- Converged services will increase demand for cost effective transmission capacity
- Complementary and package of Wireless and Wireline
- Wireline is also used for DSL

### PhORO Strategy



#### From

multiple service-specific networks

Phase Out

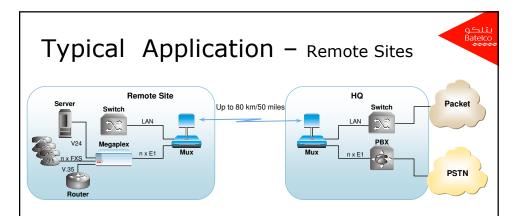
#### To

one intelligent multi-service network

Roll Out



Complementary and packaging of Wireless and Wireline Typical Applications



#### **Main Drivers**

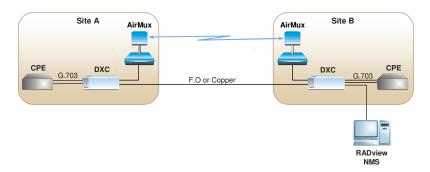
- Fast ROI versus leased lines
- Fast deployment and equipment reuse
- Broadband infrastructure enabler

# Typical Application - Backhauling

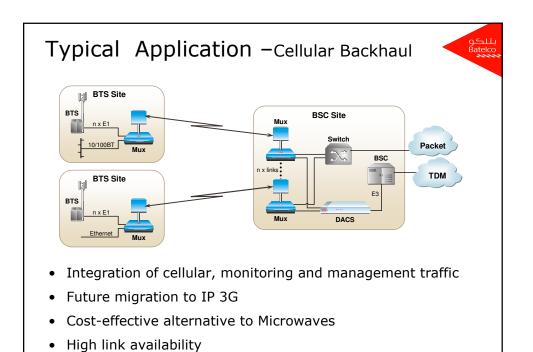


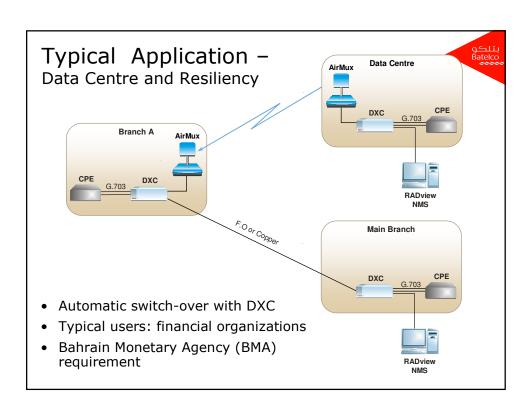
- Supports full 5.x GHz and 2.4 GHz bands for lossless hot spot backhauling including band and channel separation
- Transparent Ethernet forwarding
- Ethernet and power over Ethernet connection

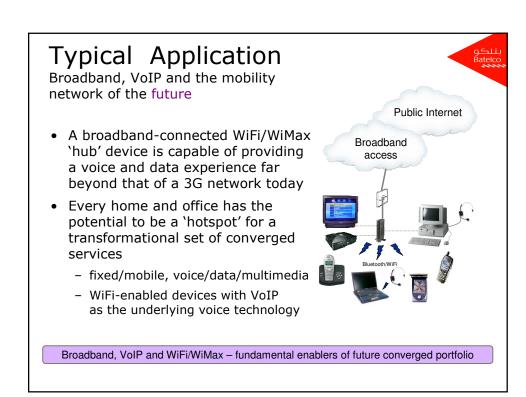
### Typical Application – Wireless Backup

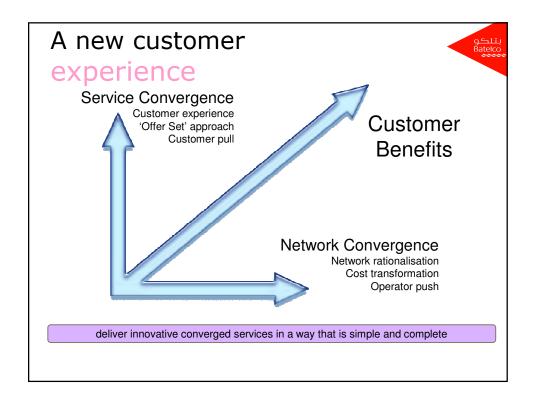


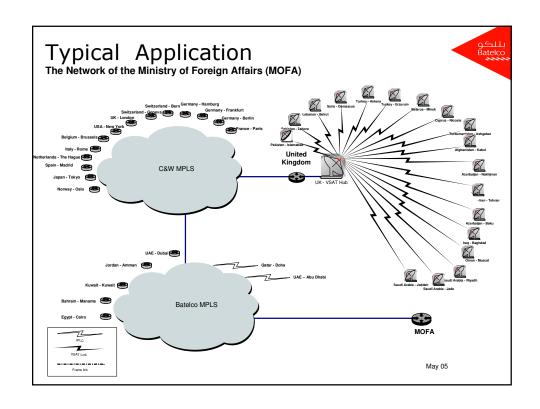
- Automatic switch-over with DXC
- Typical users: financial organizations, government, military











## Wireless Vs Mobility

بتلكو Batelco

It is one thing to sell technology... but quite another to deliver a quality service!

## Home Worker package



- Secure Connectivity (Security and Encryption)
   back to the office environment
  - supports both voice and data, allowing access to the company internal phone, email and data services
- Supports outbound calling with billing to the company
- Full directory enablement, presence and locationaware
- Office feature phone access

Corporate Remote Access over VPN

### Conclusion



- Converged services will increase demand for cost effective transmission capacity
- Complementary and package of Wireless and Wireline
- Note: Wireline is also used for DSL
- Mobility Vs Wireless (people mix these get the right customer requirement)
- To gain trust start with WiFi

