

*The 3GPP Standard for Convergence*

## Deliver low-cost, high-performance mobile service over home, office and public Wireless LANs

Fixed-to-mobile substitution represents one of the largest growth opportunities for mobile operators. Unfortunately, the continued cost and performance challenges of delivering mobile service within homes and offices has limited operators' ability to capitalize on this tremendous market.

To complicate matters, new VoIP operators are entering the market every year. Not only are they seeking to capture fixed-line minutes of use, they are also targeting indoor mobile use through wireless VoIP (wVoIP).

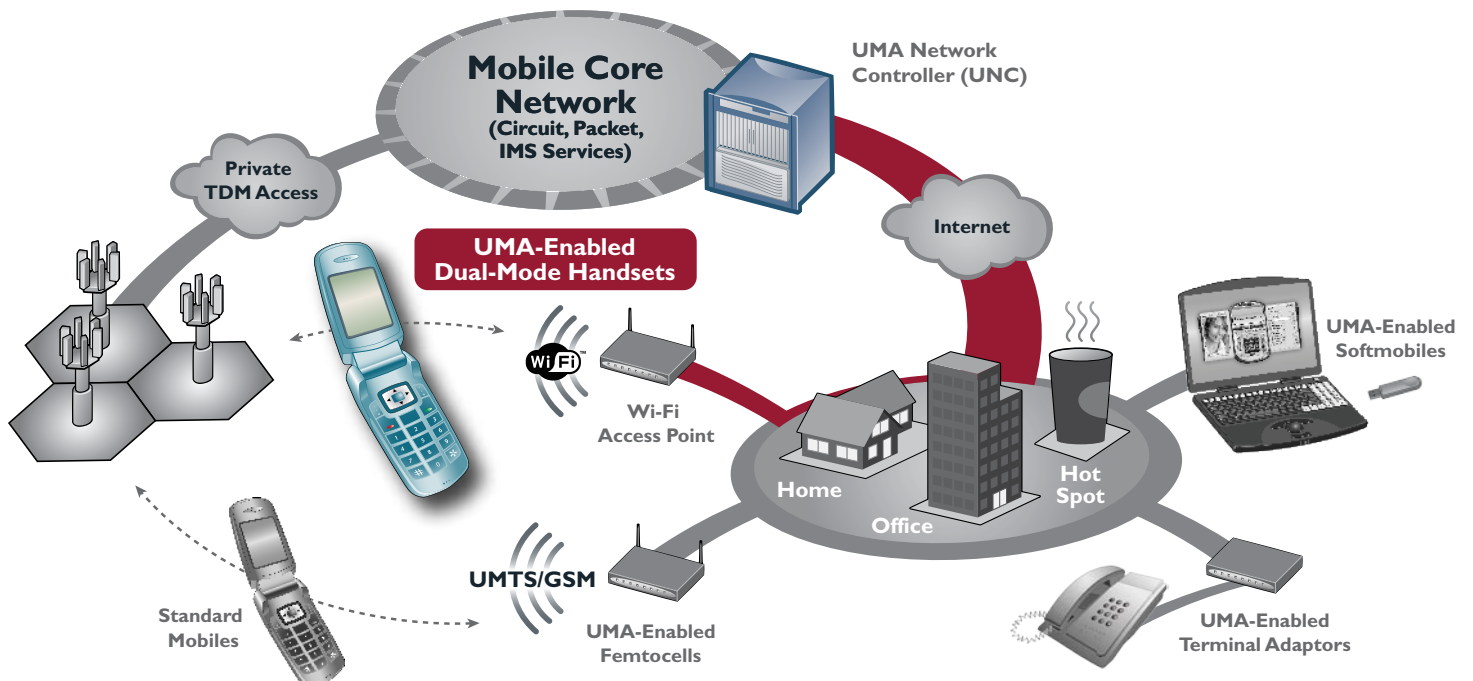
Now, with UMA-enabled, dual-mode handsets, operators can deliver high-performance, low-cost mobile service over home, office and public Wireless LANs. As a result, mobile operators can accelerate the tremendous fixed-to-mobile substitution opportunity, while at the same time address the growing threat from new VoIP operators.

### OPERATOR BENEFITS

- Accelerate fixed-to-mobile substitution
- Address threat from new VoIP operators

### SUBSCRIBER BENEFITS

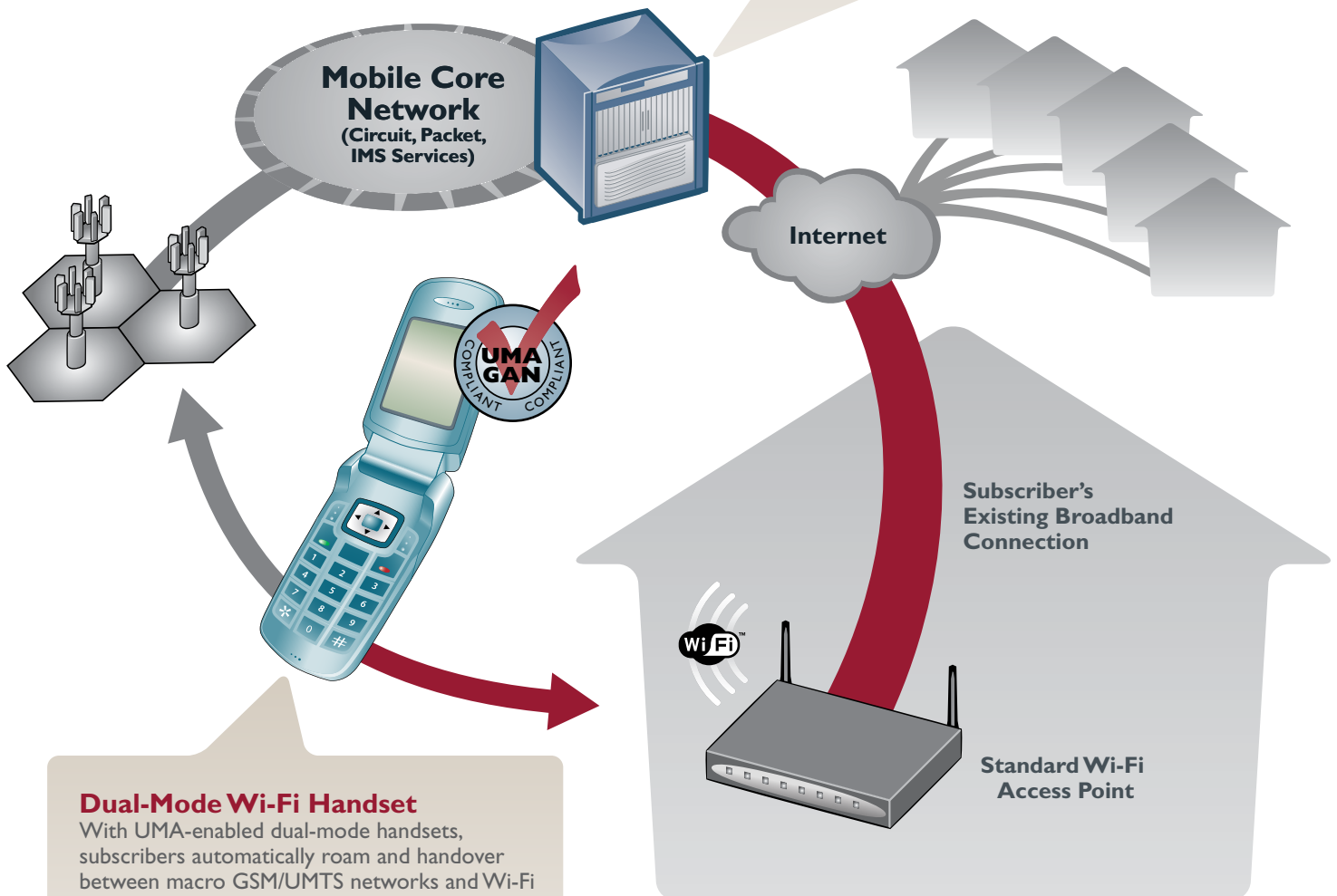
- Low-cost, high-performance mobile service at home, office and hot spots



# UMA-ENABLED DUAL-MODE HANDSETS

## UMA Network Controller (UNC)

Deployed within a mobile operator's core network, a UNC extends mobile circuit, packet and IMS-based services over broadband access networks. On one side, the UNC interfaces to an operator's existing core network systems, and on the other side to the Internet. The UNC establishes secure connections to each UMA-enabled device over the Internet and manages delivery of mobile services, as well as mobility between access networks.



## Dual-Mode Wi-Fi Handset

With UMA-enabled dual-mode handsets, subscribers automatically roam and handover between macro GSM/UMTS networks and Wi-Fi networks at home, office or hot spots. With UMA, subscribers receive a consistent set of mobile voice, data and IMS-based services as they transition between access networks.



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