



Fixed-Mobile  
Convergence Alliance

# Wi-Fi SIP & GAN (UMA) Generic Product Requirements

Overview for 3GPP SA1 – 11<sup>th</sup> July 2005

Version 1.0

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# FMCA - Driving Fixed-Mobile Convergence globally

- Global Alliance of Telecom Operators.
- The FMCA combined subscriber base is now over 315 million.
- With 20 Members (18 announced and 2 unannounced) the FMCA is the fastest growing Operator Alliance:
  - 16 consolidated fixed & mobile operators
  - 4 fixed-only (soon to be 2 only as AT&T and PCCW becoming consolidated operators)
- **The FMCA is not a Standards Development Organisation.**

# The 18 Announced FMCA Members



# The FMCA Aims & Objectives

- Accelerate the development of Fixed-Mobile Convergence products and services.
- **Productise the Convergence Technologies** (Bluetooth CTP, GAN (UMA) & Wi-Fi SIP).
- Comply with existing technical standards (e.g. 3GPP, ETSI, IEEE) and certifications (Wi-Fi Alliance).
- **The FMCA has no intention of developing new technical standards.**
- Raise potential common technical issues with SDOs/Fora, for consideration, through their existing work-flow procedures.
- Encourage consistency across product and equipment standards.
- Work closely with Tiers 1 & 2 Handset Vendors.

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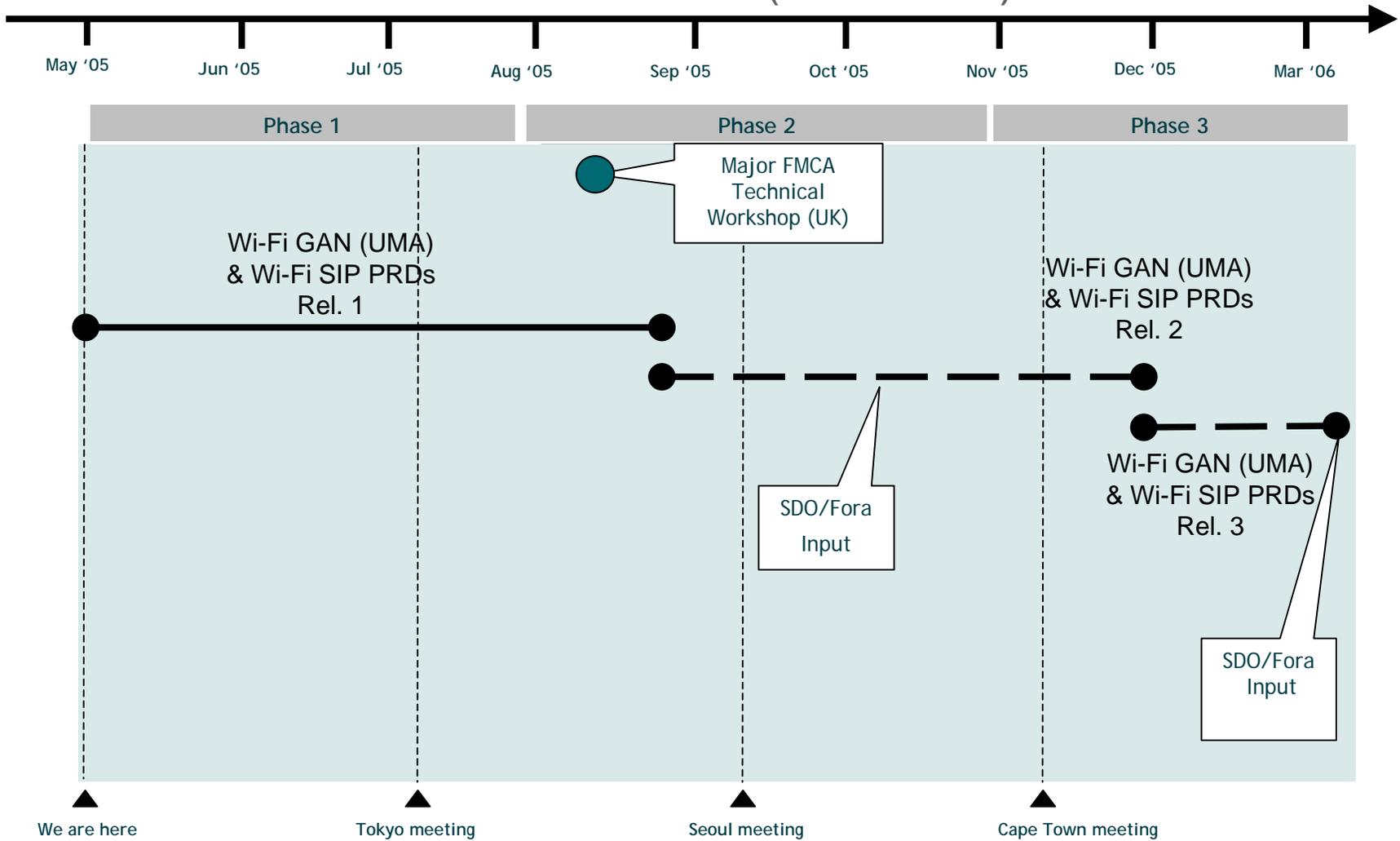
# The FMCA Success Stories

- With 20 Members (18 announced and 2 unannounced) the FMCA is the fastest growing Operator Alliance
- 'We believe the FMCA will encourage other major telecom operators from around the world to drive the development of Convergence services' (Visiongain 3/05)
- The FMCA has been successful in securing vendor commitment to launch a range of Convergence handsets.
- The FMCA has announced that more than 15 Wi-Fi enabled handsets are expected to be commercially available by mid 2006.
- BT Fusion was launched on the 15<sup>th</sup> of June 2005.
- Korea Telecom's Du has 100,000 Convergence subscribers on Samsung & LG handsets (KT 6/05).

# The FMCA Product Requirements Documents (PRDs)

- Technical papers that contain the identified end to end product requirements for Bluetooth CTP, Wi-Fi GAN (UMA) and Wi-Fi SIP covering MS, AP, end to end network connectivity and service aspects.
- The FMCA PRDs take technical specifications to the level of detail required to produce a Convergence product
- They will also contain a section highlighting potential common FMCA technical issues
- The FMCA PRDs are framework papers to initiate discussions with industry.
- Final PRD versions will refer to existing and emerging standards, and certification programmes.

# Timeline of PRD deliverables (Indicative)



# Reasons for engaging 3GPP SA1

- To facilitate alignment of the Wi-Fi GAN (UMA) and Wi-Fi SIP FMCA product requirements with existing and emerging 3GPP SA1 specifications and technical activities.
  - For example alignment with the following 3GPP SA1 activities
    - WI 31012 WLAN – UMTS inter-working
    - WI 31062 WLAN – UMTS inter-working Phase 2
    - WI 32021 IMS Phase 2 – WLAN inter-working aspects
    - WI 31008 Generic User Profile
    - WI 31014 Priority Service
    - WI 1365 Support for push services
    - WI 2499 Presence Capability
    - WI 2544 Multimedia Broadcast & Multimedia Services
    - WI 31073 Study of network selection principles
    - WI 31067 All IP Networks (AIPN)
    - WI on Voice Connectivity
    - WI on Personal Network Management
    - WI on Multimedia Telephony Capabilities for IMS
    - WI on Transferring of emergency call data

## Reasons for engaging 3GPP SA1 - Continued

- To discuss with 3GPP SA1 potential common technical issues identified by the FMCA and where appropriate how these requirements can be fed into existing or new workflow items for consideration.
- To seek general 3GPP SA1 feedback on the PRD's expectations and timescales.

# Working with other SDOs/Fora

- 3GPP TSG SA2
- 3GPP CT1
- ETSI TISPAN
- Wi-Fi Alliance – Wireless Cellular Convergence (WCC) Group
- Home Gateway Initiative

# Next Steps

- The FMCA Product Requirement Documents (Wi-Fi UMA/GAN & Wi-Fi SIP) to be published to global industry at the end of Aug 2005.
- FMCA to return to 3GPP SA1 post end of August 2005 to:
  - Present the published Product Requirements Documents
  - Provide in-depth presentations of potential common technical issues
  - Discuss very near future (end of Aug onwards) relationship and cooperation between FMCA and 3GPP SA1.
- To work with 3GPP SA1 to jointly review these product requirements and any key technical issues through existing 3GPP SA1 work-flow procedures.

# Key Contacts:

Rodrigo Donazzolo

FMCA Programme Director

Tel. +44 771 365 1661

Email [rodrigo.donazzolo@bt.com](mailto:rodrigo.donazzolo@bt.com)

For further information:

- Refer to [www.fmca.com](http://www.fmca.com)
- Refer to <http://www.btfusion.bt.com/> for an example of a Convergence offering.

Thank You