OMA Open Mobile Alliance
For a Connected World

OMA UPDATE
NPSTC MEETING AT IWCE – LAS VEGAS, NEVADA
MARCH 20, 2015

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MOTOROLA SOLUTIONS

WHAT IS OMA?

➢ OMA develops specifications for the application layer called service enablers. Enablers provide a standardized approach to tasks such as data gathering and transporting information from a network to a device and/or server.

➢ OMA enablers are network agnostic (i.e., deployable over any type of transport layer) but incorporate optimal aspects of each network (e.g., Mission Critical LTE capabilities when they become available).

➢ OMA also develops Application Programming Interfaces (API) to provide standardized interfaces to the service infrastructure residing within communication networks and on devices.

➢ OMA APIs include fundamental service capabilities such as SMS, MMS, Location Services, Presence Services, Payment and other core network asset services.

➢ OMA is complimentary to standards bodies including 3GPP and GSMA.

➢ OMA cooperates in a formal fashion with many other standards bodies including 3GPP, GSMA, etc. Our most active cooperation is with 3GPP.

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➢ During the November 2015 NPSTC meeting in San Antonio, OMA outlined the path for the only global Push-to-Talk/Communicate (voice, data, video) standards evolution and consolidation
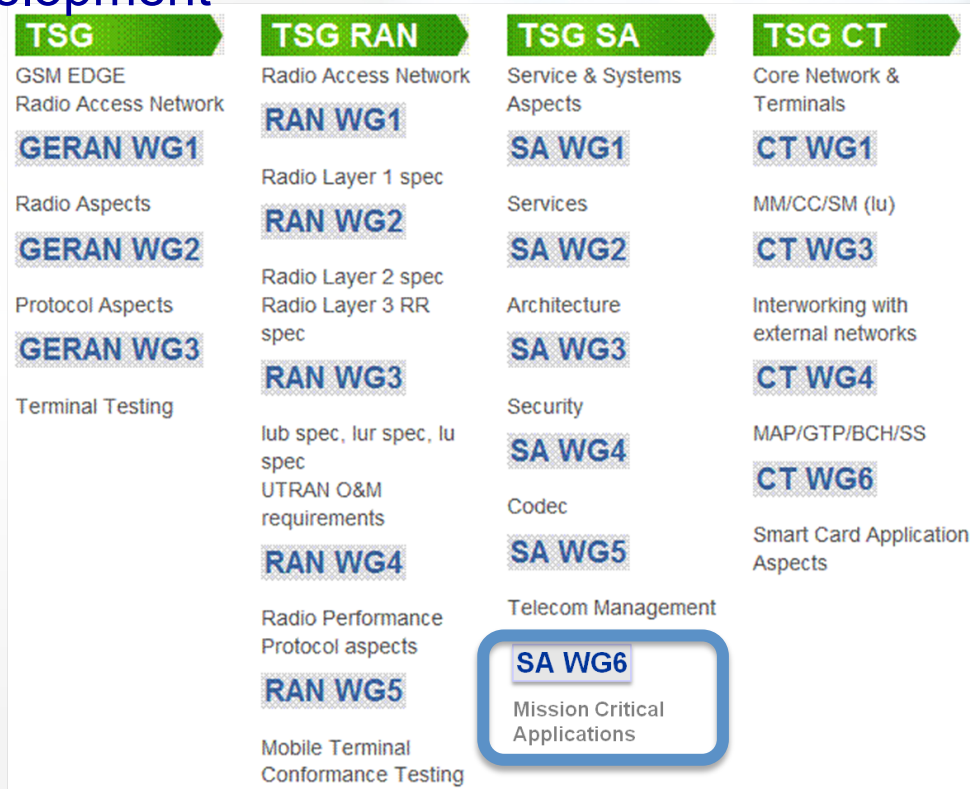
OMA Push-To-Talk-Over-Cellular (POC)

OMA Push-to-Communicate for Public Safety (PCPS v1.0)

3GPP Rel 13 Mission Critical Push-to-Talk (MCPTT)

3GPP Mission Critical Push-to-Data & Video

➢ 3GPP established SA6 for Mission Critical Applications standards development

SA6 Leadership:
➢ Chair: Andrew Howell, UK Home Office
➢ Vice Chair: Suresh Chiturri, Samsung
➢ Vice Chair: David Chater-Lea, Motorola Solutions

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➢ OMA completed Push-to-Communicate-for-Public-Safety (PCPS v1.0) Specification February 2015
- Includes requirements, architecture, interfaces and protocol standards
➢ 3GPP requested OMA to release copyrights to PCPS v1.0
➢ OMA Board agreed to release the copyrights to 3GPP
➢ OMA-3GPP legal agreement is in the process of ratification among the 3GPP Organizational Partners
➢ Upon ratification, 3GPP will be able to bring PCPS specifications into 3GPP specifications and modify them as needed
- 3GPP Release 13 Mission Critical Push To Talk (MCPTT) will be first 3GPP standard to include PCPS specifications
- 3GPP Release 14 Mission Critical Data and Mission Critical Video standards may also include PCPS specifications

➢ Public Safety communities may decide to enhance and/or incorporate other OMA standards into their broadband evolution and deployment decisions, plans, roadmaps, etc.

➢ Possible OMA candidates for inclusion in Public Safety broadband deployments include:

- OMA Device Management
- OMA Location
- OMA Presence
- OMA Restful APIs
- . . .

➢ OMA welcomes input and direction from NPSTC on how OMA can best help support the needs and requirements of First Responders around the world

For additional information or to become engaged in OMA activities, please contact OMA's representatives to NPSTC:

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Thank You