

Open Mobile Alliance and 3GPP

Open Approach to the Mobile Industry

*3GPP Project Co-ordination Group Meeting
October 3, 2002*

What is Open Mobile Alliance?

- The mobile industry has set up a new, global organization called the Open Mobile Alliance (OMA) with more than 220 members
- See www.openmobilealliance.org for more information including member lists, etc ...
- The Open Mobile Architecture initiative and the WAP Forum form the foundation for the Open Mobile Alliance
- The Location Interoperability Forum (LIF), SyncML Initiative, MMS-IOP (Multimedia Messaging Interoperability Process) and Wireless Village Initiative are in the process of moving their work and members to Open Mobile Alliance
- Other industry fora focusing on interoperability and open standards have been invited to join



The mobile industry is facing new challenges

Current issues in mobile services industry

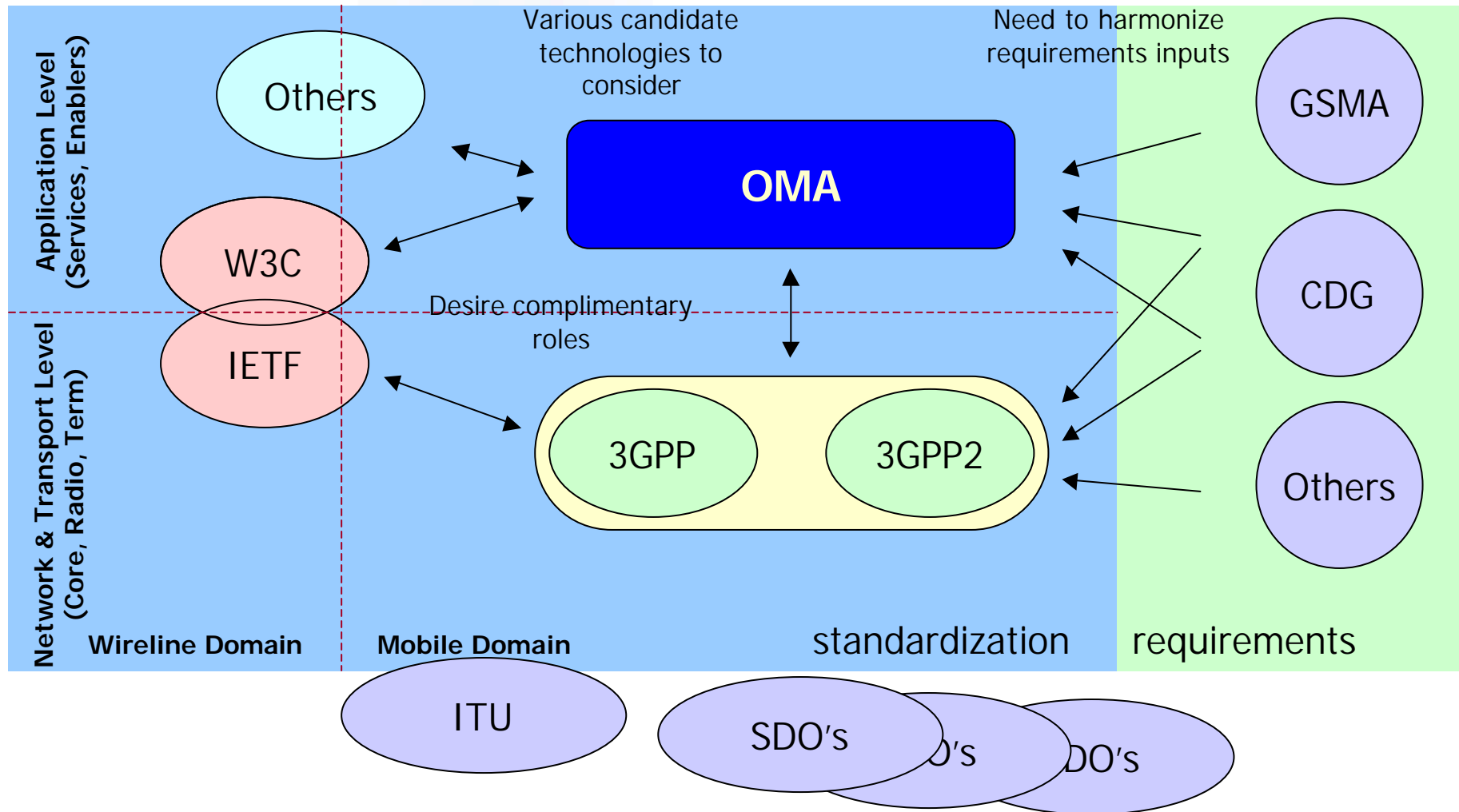
- Specification work driven by technology, not by services and applications
- Silos of technologies and standards work
- Lack of uniform interoperability plans and implementation
- No clear focus on requirements for specifications that match market needs in timing and in quality
- Lack of common industry view on an architectural framework

Implications of fragmentation

- Lack of multi-standard interoperability detracts from the mobile consumer experience
- Impacts innovation in services and applications
- Increases costs for all involved
- Slows down third-party content and application development

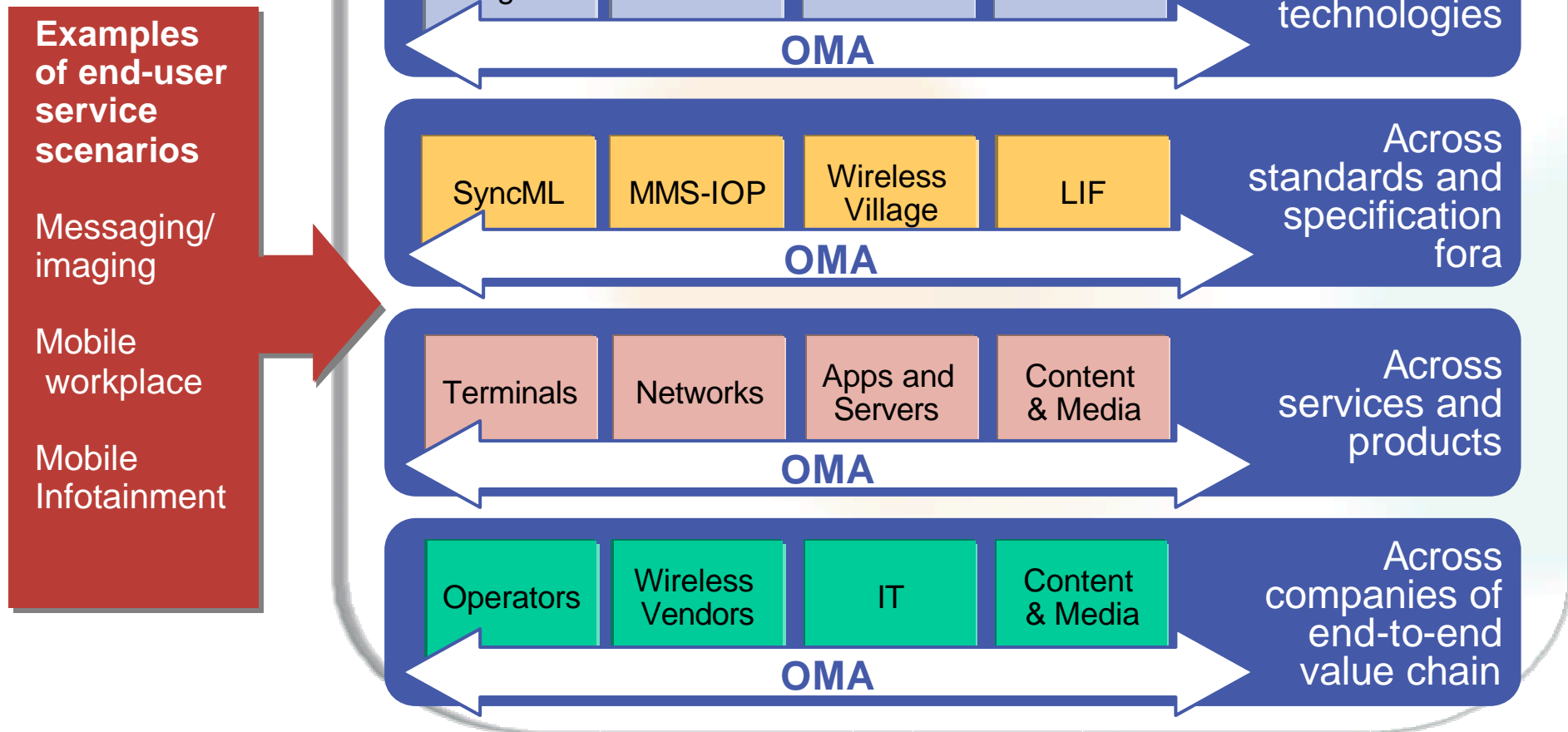
OMA Positioning Amongst the Industry Standards

A Complimentary and Value Added Approach



End-to-end interoperability across value chain & specification fora

Examples



OMA Principles

- Products and services are based on open, global standards, protocols and interfaces and are not locked to proprietary technologies
- The applications layer is bearer agnostic (examples: GSM, GPRS, EDGE, CDMA2000, UMTS)
- The architecture framework and service enablers are independent of Operating Systems (OS)
- Applications and platforms are interoperable, providing seamless geographic and inter-generational roaming

Open Mobile Alliance – Making the difference

Why is this
different?

- Delivery of specifications based on mobile services use case scenarios and open standards
- Creation and promotion of a common architectural framework
- All key industry segments involved in specification work
- Focus on improving the end user experience by providing end-to-end and multi-standard interoperability
- Companies committed to the implementation of the open standards and IOP testing

Consolidate
fragmented
industries

- Accelerates innovation and speeds time to market of new services and applications
- Promote industry wide adoption of open standards over proprietary alternatives
- Decreased operational costs for all involved by improving industry efficiencies

OMA Charter

- Deliver responsive and high-quality open standards and specifications based upon market and customer requirements
- Establish centers of excellence for best practices and conduct interoperability testing (IOT), including multi-standard interoperability to ensure seamless user experience
- Create and promote common industry view on an architectural framework
- Be the catalyst for the consolidation of standards fora; working in conjunction with other existing standards organizations and groups such as IETF, 3GPP, 3GPP2, W3C, JCP

Benefits

- Global seamless technology agnostic applications
- Common API's independent of access technologies
- Application layer and services independent of transport layers.
- Consolidated service requirement
- Consistent applications
- Consistent interoperability
- Consistent / common specifications

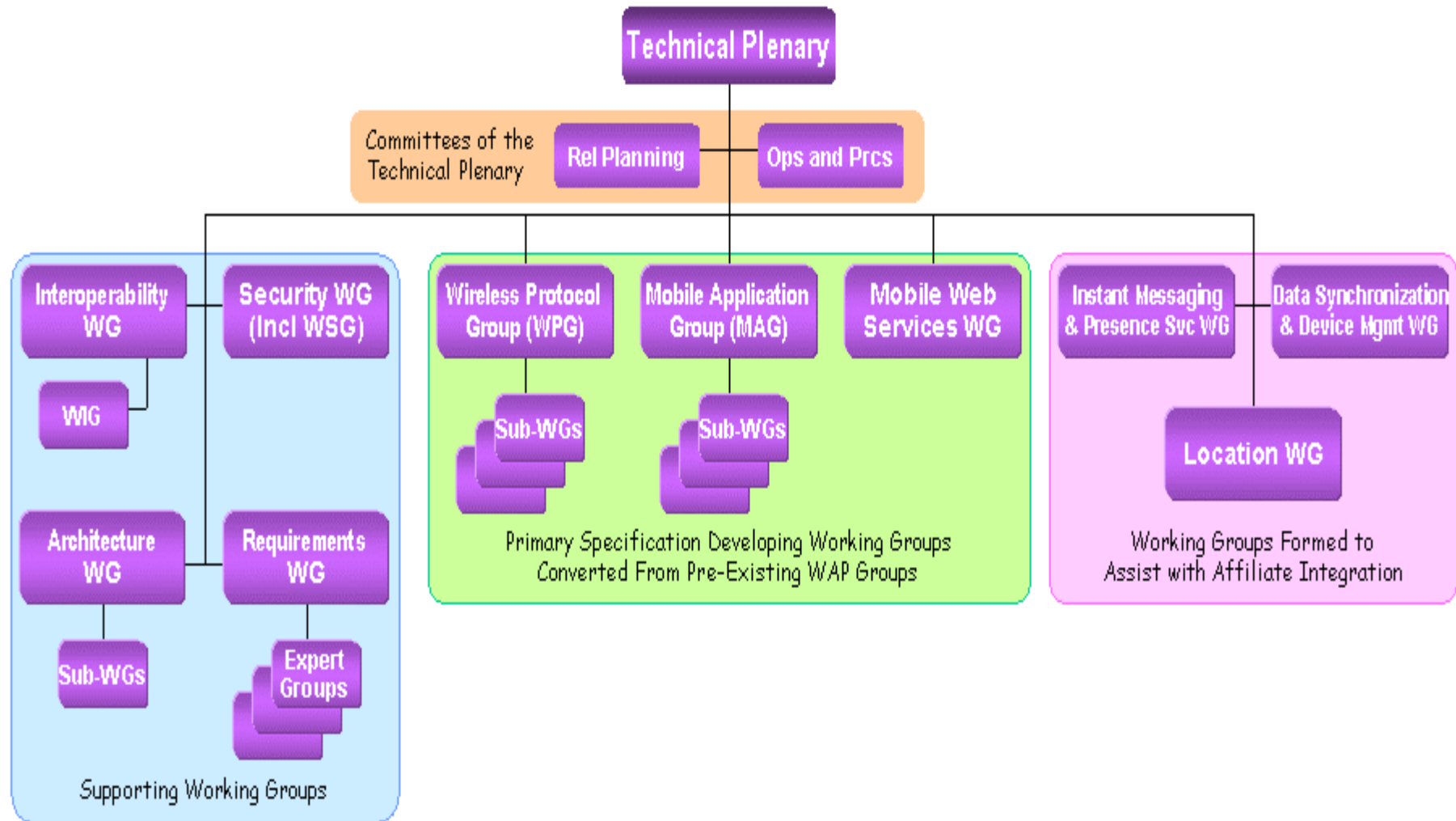
Moving Forward

- Consider:
 - 3GPP / OMA Complimentary Relationship
 - Sharing requirements among organizations
 - Coordination between organizations towards global applications and services
 - Sharing of common service specifications

Principals for cooperation

- Close relationship between OMA and 3GPP utilizing work level liaisons
- New work on application/application enabler development which could be radio and core network independent analyzed inside OMA.
- Radio and core network specific enablers required to support OMA applications should be developed by 3GPP
- No changes to radio and core network development – continues within 3GPP

Current Plenary Organization





Thank You For Your Attention!