# Agenda

- What is BONDI
- Problems Approach
- BONDI detail

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# BONDI

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# Objective

- Identify where in W3C short term focussed deliverables that can practically address the overarching issues of security and privacy in a consistent manner across all other W3C groups (and elsewhere!)

- Approach: to outline and try to establish consensus on drivers and constraints

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# BONDI Approach

- Rapid convergence of existing implementations
- Open source as
  - Mechanism of collaboration
  - Proof of “implementability”
  - Resource to encourage market adoption
  - Something to test assumptions on
- Security
  - User controlled
  - Fit for purpose
  - Strong enough
- Open practices – Royalty Free IPR policy
- W3C as preferred body for standardising required interfaces

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# Antagonistic Pressures

- Legal constraints
  - Different in each country
- User preferences
  - I don’t want to be asked “if i want to user the internet”
- Service differentiation
  - Cheap and cheerful vs complete solution
- Business models
  - Privileged access

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# Problems with existing models

- Domain based security
  - Susceptible to spoofing
- Certificate based security
  - Inflexible – produces ecosystem fragmentation
- Prompting
  - Susceptible to social engineering attacks
  - Informed decision making?
  - Trust weakening
- Trojan problem
- Exploits updates
- Cost

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# Design Goals

- Separation of policy from policy framework
- Separation of authentication (identity) from authorisation (trust)
- Web and widget
- Delegated authority/advisory
- End user control
- Device range
- Extensibility
- Developer ecosystem
- Churn use cases – common policies

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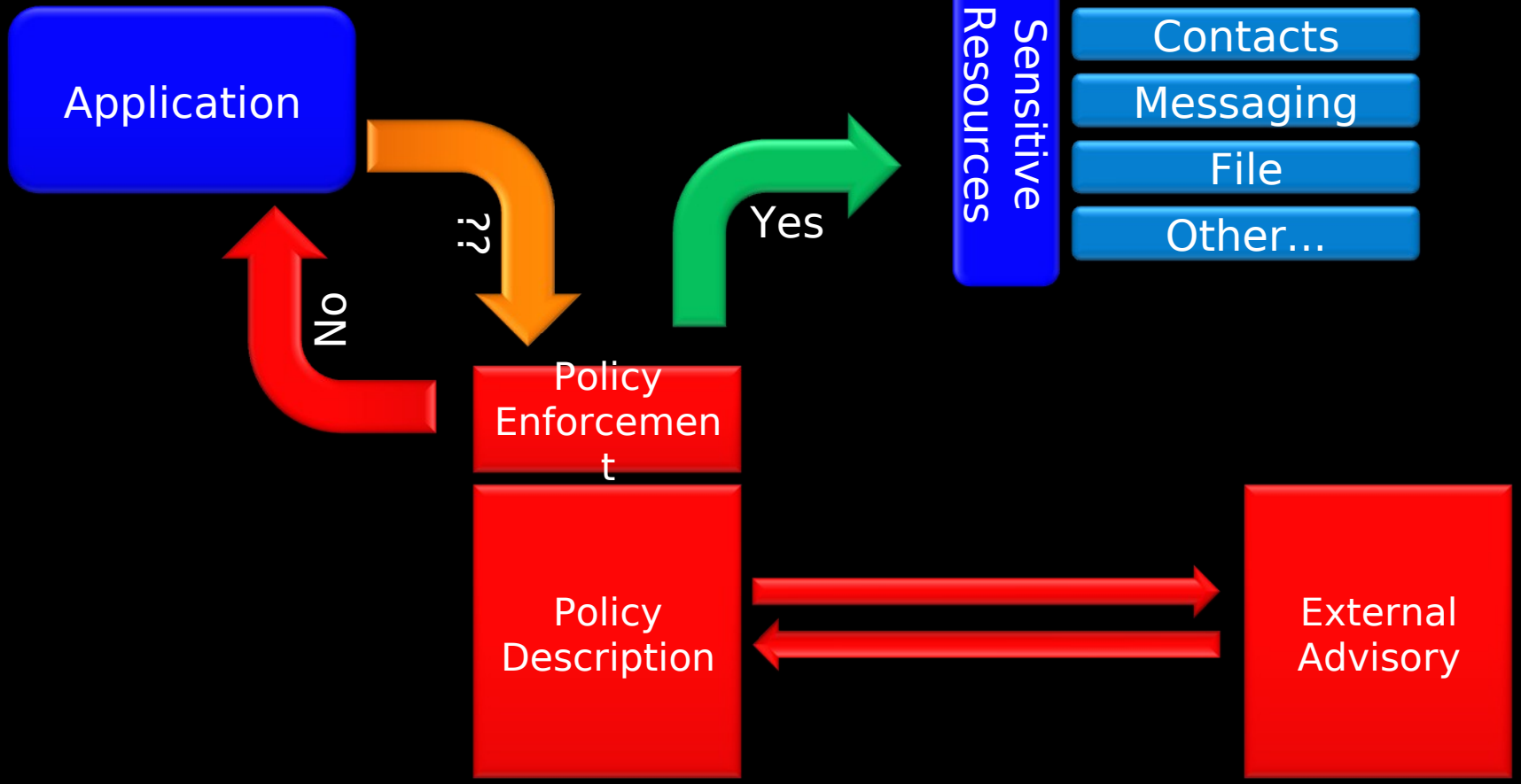
# Flow

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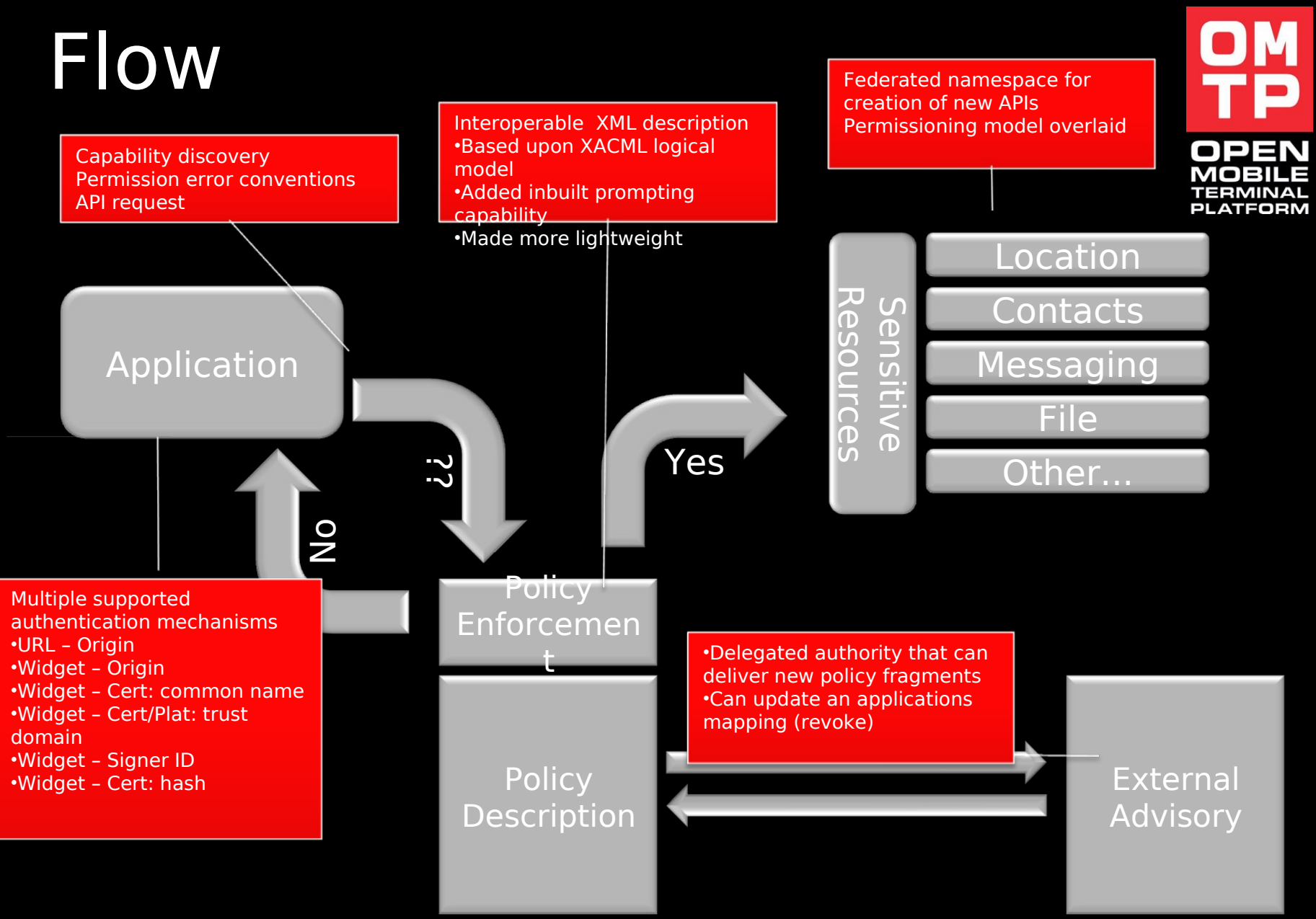
# Flow

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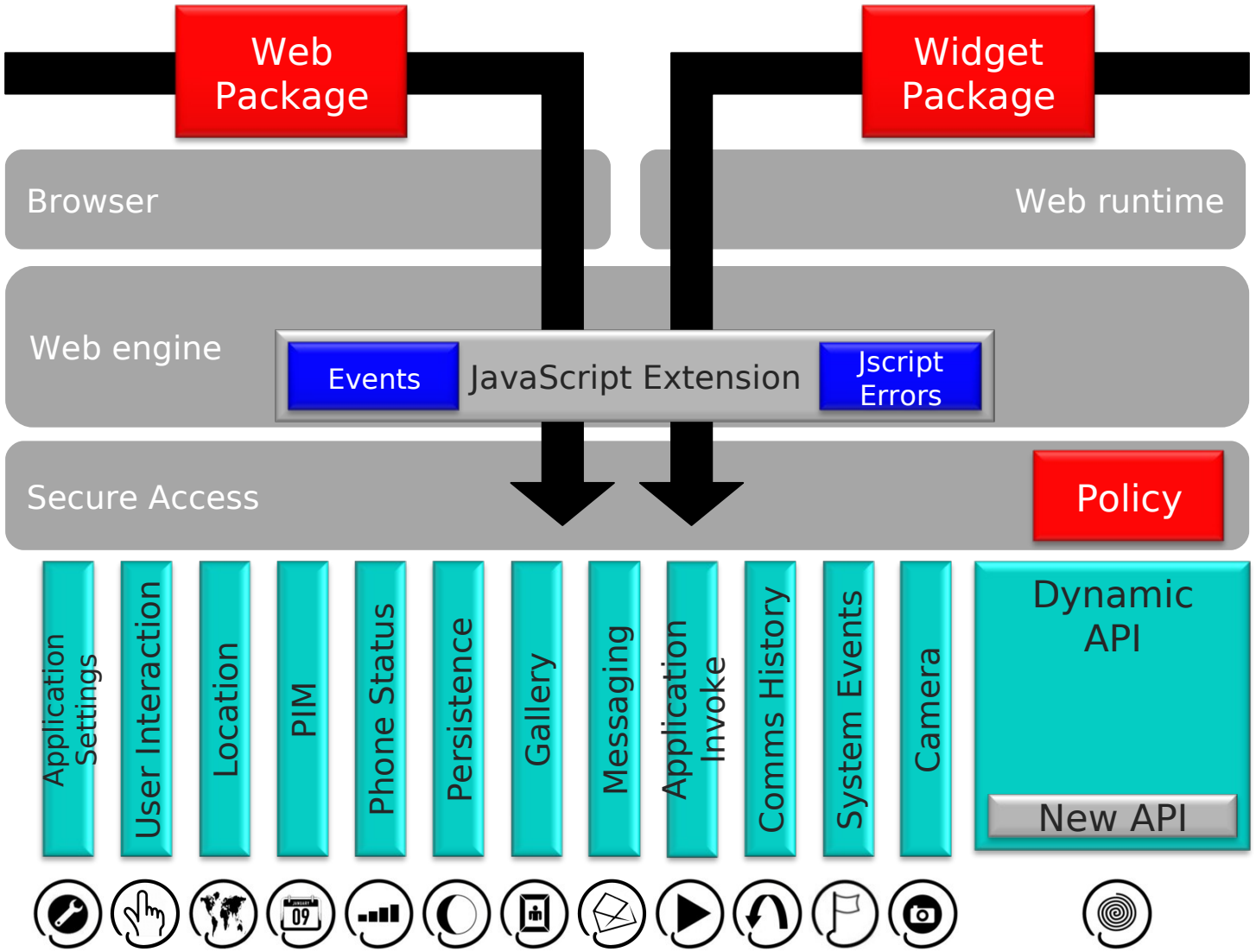
# BONDI scope

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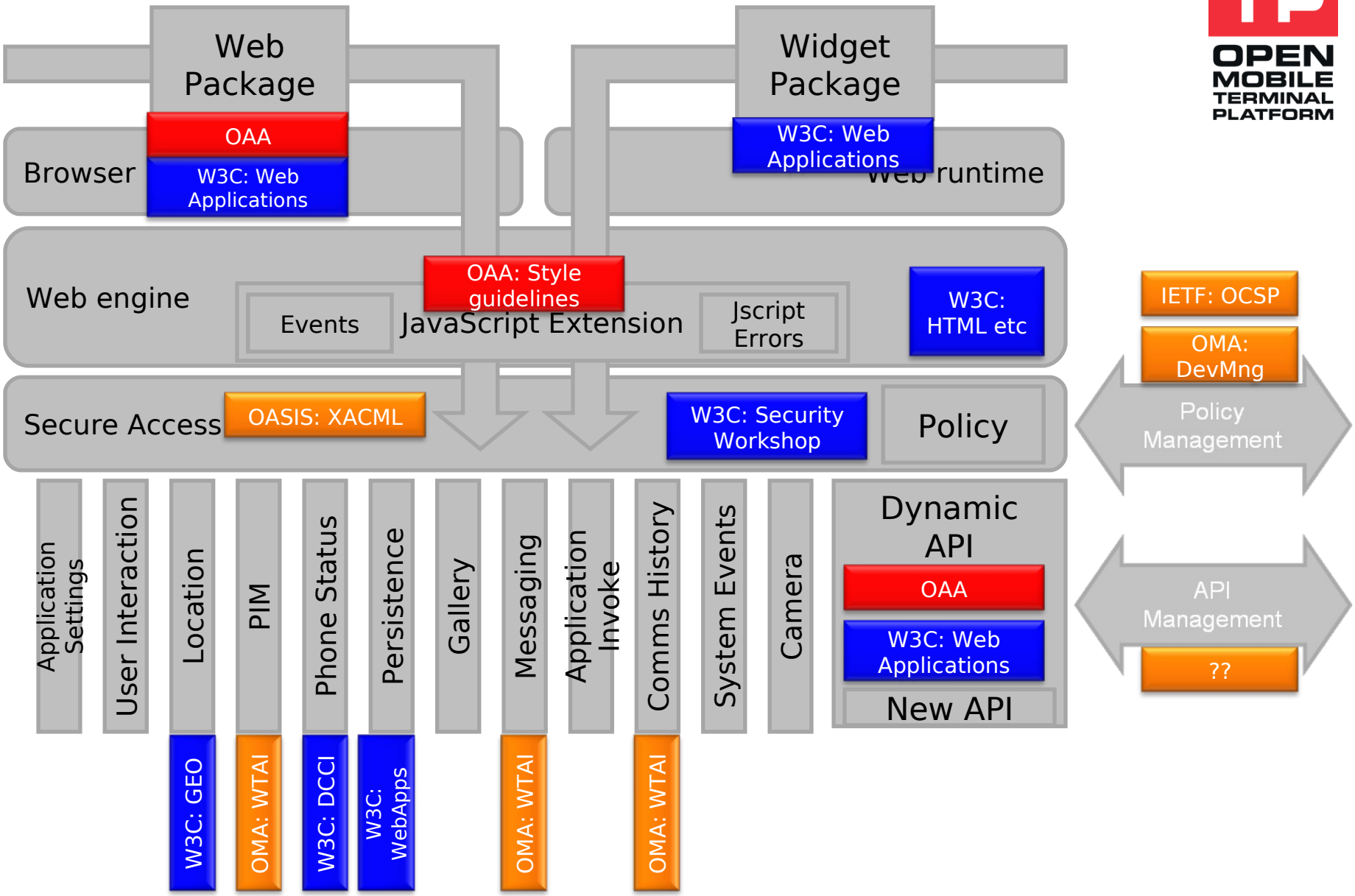
# BONDI standards mapping

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# Background Member Companies

OMTP
OPEN MOBILE TERMINAL PLATFORM

## OPERATOR MEMBERS

## PARTICIPANTS

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