



**OPEN
MOBILE
TERMINAL
PLATFORM**



Advanced Trusted Environment (TR1)

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OMA / OMTP Workshop 20th April 2007, Frankfurt



... THIS ONE COMES WITH
THE LATEST SECURITY
DEVICES..!

Business Rationale



- Uniform provision of future hardware security capabilities and incorporation of latest feedback will benefit the whole value chain. This will result in:
 - More robust terminals
 - The launch of services that require secure capabilities
- OMTP Objectives:
 - Develop converged requirements to influence the design of secure platforms
 - Provide recommendations for a secure hardware platform to enable future secure services for users, manufacturers and operators
 - Provide common future hardware security capabilities for middleware vendors

Task Scope & Status



- TR1 will build on the basic trusted environment, TR0 to extend the baseline to cover terminal platform capabilities that are not yet met by existing platforms, so that future terminal platforms will exhibit consistency of provision of these future capabilities, whilst still providing an opportunity for differentiation by terminal platform providers.
 - **Basic Enablers**
 - Threats
 - Trusted Execution Environment
 - Secure Storage
 - **Extended Enablers**
 - Flexible Secure Boot
 - Generic Boot-strapping Architecture
 - Run-time Integrity Checking
 - Secure User Input / Output
 - Secure UICC-ME link
 - **Use Cases**
 - E-Commerce
 - DRM
 - Broadcast Service
 - Device Management
- Status:
 - **Board approval expected February 2008**

Requirements based on OMA standards



- It is expected that the use case requirements will reference the OMA work on:
 - Broadcast
 - Device Management
 - DRM
- OMTP have not yet started work on this phase of TR1 so any input to this area is highly appreciated
- Do OMA see any interaction from the sub-tasks outlined?



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