



**OPEN
MOBILE
TERMINAL
PLATFORM**



Advanced Device Management

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Business Rationale



- As devices become more complex with increasing numbers of capabilities, users are able to configure their devices in ways which can create usage or security problems .
- OMTP Objectives:
 - Identify the DM capabilities which allow operator, manufacturer or other 3rd party to solve (or even prevent) these problems on devices
 - Foster an end-to-end DM solution

Task Scope & Status



- Scope:
 - Produce requirements for devices to enable the management of the agreed use cases:
 - UC1: Viruses
 - UC3: Application Incompatibility
 - UC4: Corporate IT Security Policy
 - Compare requirements with the capabilities in existing specifications and specifications under development
 - Derive appropriate input into standards groups to enable the management authorities to substantially manage the agreed use cases
- Status:
 - Recently Kicked-off

Use Cases - High Level Reqs - Standards



UC 1 Virus	Inspect Filesystem OTA – uc1	File Mgmt	
	OTA availability of Executing Applications – uc1	Process Mgmt	
	Execute applications OTA – uc1		
UC 3 Incompa tibilities	Install/Uninstall Applications OTA – uc1 / uc3	SCOMO	
	OTA availability of Installed Applications – uc1/ uc4		DM_SC
	Manage Firmware OTA – uc3	FUMO	
UC 4 Security Policy	OTA availability of device status info – uc3	DIAGNOSTICS	
	Manage OTA configuration information – uc3 / uc4	DM	
	Secure Management of Security Policies – uc4	Policy Mgmt	
	Manage Device Capabilities OTA – uc4	DCMO	

Colour Code

Standard

No Standard

Requirements based on OMA standards



- OMTP will reference OMA DM Enablers:
 - SCOMO
 - FUMO
 - Diagnostics
 - DM_SC
 - DCMO
- For functionalities non-standardised yet (e.g. Process Management):
 - OMTP plan is to define the requirements
 - It should be assessed the best route to market:
 - Standardisation (e.g. via OMA)
 - Inclusion in Operator Requirements



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