



D44.3

Mobile Business Platform first prototype

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1 Executive Summary

This document describes the first prototype of the MSEE Mobile Business Platform (Mobile Platform). The prototype has been developed in the WP44 “MSEE Generic Mobile Business Platform” and implements the specification included in the document D44.1 “Mobile Business Platform Specification and Architecture” issued at M12 [5].

This prototype will be extended and refined according the document D44.2 “Mobile Business Platform Specification and Architecture” [6] leading to the release of the final prototype of the MSEE Mobile Business Platform (due at M30) [7].

The Mobile Platform is composed by five modules namely Mobile Development module, Mobile Delivery module, Ambient Intelligent module, Mobile Collaboration module and Multimodal module. While the first three modules have been developed in this prototype the last two will be included in the final prototype.

The Mobile Platform will be integrated in the framework of WP45 “MSEE Service System integration & testing” in the MSEE IT System described in the D41.1 “MSEE Service-System Functional and Modular Architecture” [2].

Section 2 describes the role of the Mobile Platform in the MSEE IT system. Section 3 reports some details on the prototype while Section 4 includes a short summary and conclusions. Finally Section 5 provides references.

For further information refer to D44.1 [5] and to the factsheets provided as annexes of this document.

2 Introduction to the prototype modules and components

The Mobile Platform is part of the MSEE IT System shown in Figure 1.

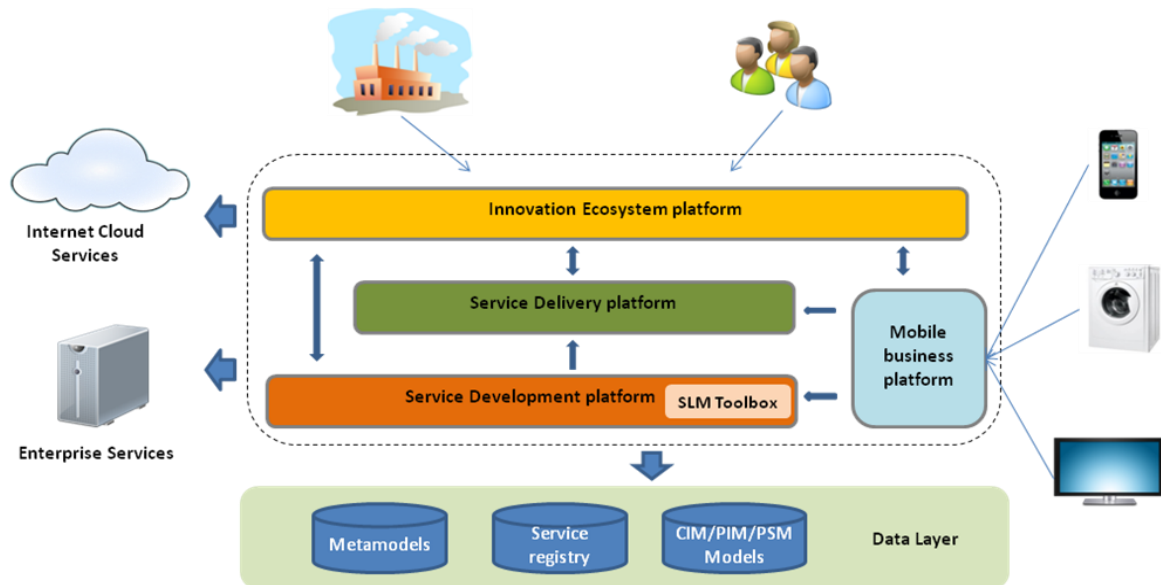


Figure 1: MSEE IT System

The main goal of the Mobile Platform is to provide mobile access to other MSEE platforms taking advantage of the capabilities of smartphones/tablets.

In the following a brief description of other MSEE platforms:

- Service Development Platform [3]: provides tools for business modeling and service lifecycle management, through the SLM Toolbox, and for the technical development of IT services and applications.
- Service Delivery Platform [4]: manages service registration and delivery as well as semantic search and invocation.
- Innovation Ecosystem Platform [1]: supports both the ecosystem governance and the service innovation process interacting with all the other platforms and represents the access point to MSEE IT System for the final users.

In addition to extend other platforms the Mobile Platform addresses two relevant topics for mobile devices namely ambient intelligence and multimodal interaction.

3 Prototype modules

The Mobile Platform is composed by several modules as shown in Figure 2.

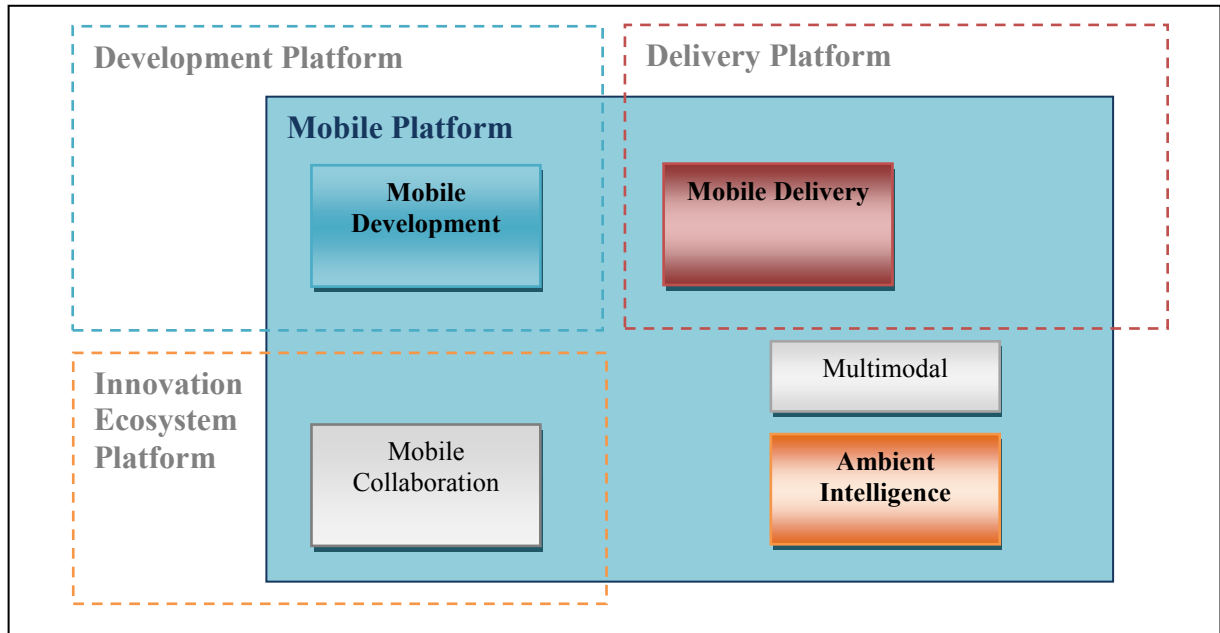


Figure 2: Mobile Platform Modules

The Mobile Collaboration and the Multimodal modules will be included in the final prototype of the Mobile Platform.

The following annexes include some technical information on each module.

Module	Annex
Mobile Development Module	Factsheet01-MobileDevelopment-M18.doc
Mobile Delivery Module	Factsheet02-MobileDelivery-M18.doc
Ambient Intelligence Module	Factsheet03-AmbientIntelligence-M18.doc

4 Summary and conclusions

This document must be intended as a quick reference for the information contained in the deliverable reporting the architecture and specifications of the Mobile Platform [5].

The initial prototype described in this document will be validated during the MSEE piloting and will be refined and extended (two additional modules will be added) in the final prototype.

5 References

- [1] D26.1 Innovation Ecosystem platform first prototype.
- [2] D41.1 MSEE Service-System Functional and Modular Architecture.
- [3] D42.1 Generic Service Development Platform specifications and architecture.
- [4] D43.1 Service Delivery Infrastructure specifications and architecture.
- [5] D44.1 Mobile Business Platform Specification and Architecture.
- [6] D44.2 Mobile Business Platform Specification and Architecture (final).
- [7] D44.4 Mobile Business Platform final prototype.