

ISITEP

D5.2.3 – ADAPTATION / COMMUNICATION MANAGER SOFTWARE

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REVISION TABLE

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V1.0	08/06/2016	All	All	Initial & Final version (EXP)

Publishable extended abstract

In this deliverable, the feature list and the details about the released software for the Communication Manager are detailed.

Abbreviations

For the purposes of the present document, the following abbreviations apply:

Acronym	Definition
CM	Communication Manager
SM	Security Manager
TETRA	TErrestrial Trunked Radio
TETRAPOL	TErrestrial Trunked Radio Police

CONTENTS

1. INTRODUCTION

In this deliverable, the feature list and the details about the released software for the Communication Manager are detailed.

2. FEATURES LIST

The implemented features of the Communication manager are compliant with the requirements defined in D5.2.1. They are listed in the following.

- Communication Manager App manages the operation of the TETRA and TETRAPOL Apps through a control interface (ControllF) exported on the Android Broadcast BUS.
- Communication Manager (CM) App orchestrates the access and switching between the TETRA and TETRAPOL Apps, solving concurrency issues due to TETRA and TETRAPOL coverage overlapping.
- CM check network availability from Tetra and/or TetraPol.
- Basing on network availability CM and on network preference reported in its setting, sends activation to Tetra or TetraPol App
- The CM App informs the Added-Value Apps of the network service availability. This behavior is realized through the platform interface (PlatformIF) exported in the Android Broadcast BUS.
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3. SOFTWARE AVAILABILITY

- The software release has been uploaded in the Emdesk portal of the ISITEP project. The package can be downloaded from EMDESK, filename is CommunicationManager_0.0.6
[h.1t3h5sf](#)

4. REFERENCE

ISITEP D 5.2.1 – Communication manager test report

ISITEP D 5.2.1 – Communication manager design description