Appendix 4: D2.2Prototype test results

General instructions for the response:

All responses to defined objectives and sub-objectives must be provided under the relevant chapter/sub-chapter as outlined in the table of contents. Additional chapters are allowed to be added, provided they are clearly marked under the appropriate chapters or at the end of the Table of contents. References between chapters are allowed but should be kept to a minimum allowing each sub-objective to be individually assessed. (Page limit TBC)

For chapters 8 to 12 (listed below) the following must be delivered by Contractors in concise explanation terms:

1. **Test strategy**

Test strategy			
Prerequisites which are necessary for testing	**How prerequisites will be achieved**	**Purpose of testing**	**Benefit for the Pan-European MC services for PPDRs**

2. **Test environment**

Test environment				
	Network	**Application**	**Device**	**Security**
Hardware used				
Software used				
Developed tools used				
Location				
Dependencies				
Assumptions				

3. **Test plan**

Test plan- documentation of the steps that need to be done in order to run the test
1. **2.** **…**

4. **Diagram of test with numbered steps from Test plan (3)**

5. **System to record test data and provide test reports**

System to record test data and provide test reports		
Configuration	**Parameters**	**Standards used**

6. **Result of each test**

Results				
Completed	**Not completed**	**Testing criteria (KPI)***	**Range of values/outcomes ***	**Issues during the test plan***

***if applicable**

7. **Standards**

Standards used in prototype phase
1.
2.
…

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1. Showcase Mission Critical Services overview– Final prototype solution
2. Overall approach to the Technical validation objective
3. Independent and impartial Technical validation team
4. Description of testing processes and prototype test bed
5. Tv1 Technical Validation process
6. Tv2 Sustainable Technical validation capabilities
7. Tv3 PlugtestTM style events
8. Tv4 PEAv Technical Validation - Pan-European Availability
   - 8.1 PEAv2-Harmonised Quality of Service
   - 8.2 PEAv4-Seamless Operation
   - 8.3 PEAv5-Assuring Quality of Experience
9. Tv5-PESAr Technical Validation - Pan-European Security
   - 9.1 PESAr4-End 2 End Encryption
   - 9.2 PESAr5-User and Control Plane
   - 9.3 PESAr6-Device/User Authentication
   - 9.4 PESAr7-Mutual Authentication
   - 9.5 PESAr8-Rights Management
   - 9.6 PESAr9-Over the Air Re-keying
   - PESAr10-Enterprise Mobility Management
   - 9.7 PESAr15-Harmonised Security Assurance
10. Tv6-PESg Technical Validation - Pan-European SpiceNet Governance
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    - 10.2 PESg4-Management technology
    - 10.3 PESg5-Monitoring
11. Tv7-PEOm Technical Validation - Pan-European Operational Mobility
    - 11.1 PEOm1-Seamless communication groups spanning networks and authorities
    - 11.2 PEOm2-Seamless Access to information source
    - 11.3 PEOm3-Seamless Access to applications and databases
    - 11.4 PEOm4-Harmonised Operational mobility - Same as home
12. Tv8-AEs Technical Validation - Application Eco-system

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12.2 AEs5-Audio and Video quality

12.3 AEs6-Open Application Development Platform

12.4 AEs8-Application Scalability

12.5 AEs9-Application reliability

12.6 AEs10-Notification of Degraded application operation

12.7 AEs11-Availability of authorised MCX services

12.8 AEs12-Application support for Operational Mobility

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End of Document

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