

1st NG eCall Plugtests results and next event perspectives

Presented by: **Denis Filatov Boštjan Pintar**

or: NG eCall Workshop

10 March 2020





1st NG eCall Plugtests

2-6 November 2020



Scope of the remote NG eCall Plugtests

- 1. Interoperability tests for (NG IVS-NG PSAP) sessions
- - ♥ Containing 14 basic and 22 advanced test descriptions

2. Audio/Accoustic tests

- Audio tests were planned but not tested due to lack of interested participants
 - Recommends for all IVS manufacturer and also for the standardisation process of NG eCall to follow the complete ITU-T P.1140

 The ITU-T P. 1140 is the output of a lot of international effort

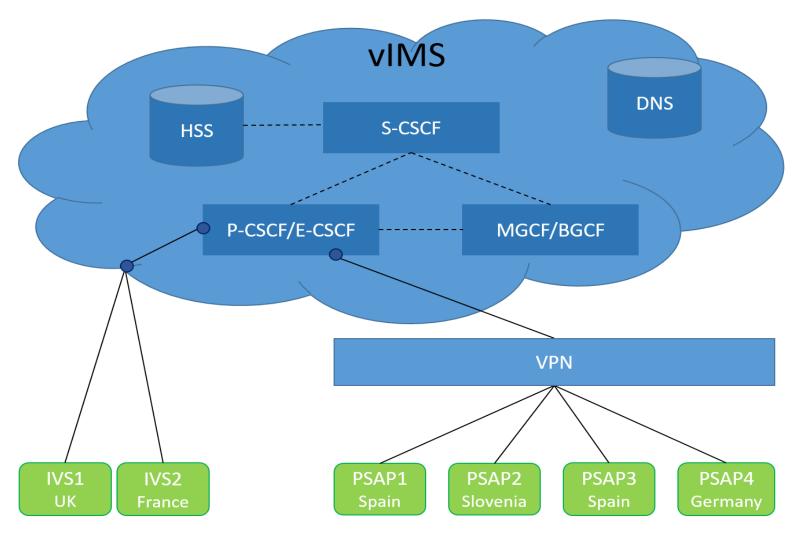




Event summary



NG eCall Plugtests network





Summary

- ∅ 6 participants:

 - - ♥ Cestel

 - ♥ OECON Products & Services GmbH



Statistics

	Interoperability		Not Executed	Totals	
	ОК	NO	NA	ОТ	Run
Minimum	7	1	5	0	11
Maximum	14	8	16	0	22
Average	11	4	11	0	11

	Interoperability		Not Executed		Totals	
	ОК	NO	NA	ОТ	Run	Resul ts
IVS - PSAP	76 (76.0%)	24 (24.0%)	73 (42.2%)	0 (0.0%)	100 (57.8%)	173
Legacy eCall Fallback	0 (0.0%)	0 (0.0%)	4 (100.0%)	0 (0.0%)	0 (0.0%)	4



Statistics par test cases (basic)

	Interoperability		Not Executed		Totals	
	OK	NO	NA	OT	Run	Results
TD_BAS_01	8 (100.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	8 (100.0%)	8
TD_BAS_02	8 (100.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	8 (100.0%)	8
TD_BAS_03	8 (100.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	7 (100.0%)	8
TD_BAS_04	6 (75.0%)	2 (25.0%)	0 (0.0%)	0 (0.0%)	8 (100.0%)	8
TD_BAS_06	3 (60.0%)	2 (40.0%)	2 (28.6%)	0 (0.0%)	5 (71.4%)	7
TD_BAS_07	7 (100.0%)	0 (0.0%)	1 (12.5%)	0 (0.0%)	7 (87.5%)	8
TD_BAS_08	1 (33.3%)	2 (66.7%)	5 (62.5%)	0 (0.0%)	3 (37.5%)	8
TD_BAS_09	4 (57.1%)	3 (42.9%)	1 (12.5%)	0 (0.0%)	7 (87.5%)	8
TD_BAS_10	1 (25.0%)	3 (75.0%)	4 (50.0%)	0 (0.0%)	4 (50.0%)	8
TD_BAS_11	0 (0.0%)	2 (100.0%)	6 (75.0%)	0 (0.0%)	2 (25.0%)	8
TD_BAS_12	0 (0.0%)	3 (100.0%)	5 (62.5%)	0 (0.0%)	3 (37.5%)	8
TD_BAS_13	5 (71.4%)	2 (28.6%)	1 (12.5%)	0 (0.0%)	7 (87.5%)	8
TD_BAS_14	0 (0.0%)	0 (0.0%)	1 (100.0%)	0 (0.0%)	0 (0.0%)	1



Statistics par test cases (advanced)

	Interoperability		Not Executed		Totals	
	ОК	NO	NA	ОТ	Run	Results
TD_ADV_01	5 (100.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	5 (100.0%)	5
TD_ADV_05	0 (0.0%)	0 (0.0%)	5 (100.0%)	0 (0.0%)	0 (0.0%)	5
TD_ADV_06	1 (100.0%)	0 (0.0%)	4 (80.0%)	0 (0.0%)	1 (20.0%)	5
TD_ADV_07	0 (0.0%)	0 (0.0%)	5 (100.0%)	0 (0.0%)	0 (0.0%)	5
TD_ADV_IVS_01	0 (0.0%)	0 (0.0%)	1 (100.0%)	0 (0.0%)	0 (0.0%)	1
TD_ADV_IVS_02	0 (0.0%)	0 (0.0%)	1 (100.0%)	0 (0.0%)	0 (0.0%)	1
TD_ADV_IVS_03	0 (0.0%)	0 (0.0%)	1 (100.0%)	0 (0.0%)	0 (0.0%)	1
TD_ADV_IVS_04	3 (100.0%)	0 (0.0%)	2 (40.0%)	0 (0.0%)	3 (60.0%)	5
TD_ADV_IVS_05	0 (0.0%)	0 (0.0%)	5 (100.0%)	0 (0.0%)	0 (0.0%)	5
TD_ADV_IVS_06	4 (100.0%)	0 (0.0%)	1 (20.0%)	0 (0.0%)	4 (80.0%)	5
TD_ADV_IVS_09	0 (0.0%)	1 (100.0%)	4 (80.0%)	0 (0.0%)	1 (20.0%)	5
TD_ADV_IVS_10	0 (0.0%)	1 (100.0%)	4 (80.0%)	0 (0.0%)	1 (20.0%)	5
TD_ADV_IVS_11	3 (100.0%)	0 (0.0%)	2 (40.0%)	0 (0.0%)	3 (60.0%)	5
TD_ADV_PSAP_01	1 (50.0%)	1 (50.0%)	3 (60.0%)	0 (0.0%)	2 (40.0%)	5
TD_ADV_PSAP_02	3 (100.0%)	0 (0.0%)	2 (40.0%)	0 (0.0%)	3 (60.0%)	5
TD_ADV_PSAP_03	1 (50.0%)	1 (50.0%)	3 (60.0%)	0 (0.0%)	2 (40.0%)	5
TD_ADV_PSAP_04	3 (100.0%)	0 (0.0%)	2 (40.0%)	0 (0.0%)	3 (60.0%)	5





Summary and lessons learned



Summary and Lessons learned about the NG eCall Test Bed

- ♥ PSAP VPN connections were established before pre-testing week



Summary and Lessons learned about the NG eCall Test Bed

Solved issues

- Wrong connection to public IP address or URN was reported
- Wrong SIP header values were reported to participants
- Wrong SDP values were reported to participants
- ♥ Configuration vIMS setup was changed due to some individual requirements
- Wrong Message Body(MSD+SDP) calculation was noticed and reported to participant



Plugtests remarks

Scope of next event

ETSI TS 103 683 update proposal

W Note with the RFC3261 reference was proposed to be added in test specification



Enhancement of ETSI TS 103 683

- ♥ Proposal from Plugtests

- ♥ Planned new revisions of CEN TS 17184:2018 and CEN TS 17240:2018



Conclusion

- ETSI 2020 NG eCall Plugtests showed the suitability and usefulness of the interoperability test specifications and the SINTESIO test bed
- The technical feedback and recommendations about the standards were shared with the relating SDO WGs to update soon the next revisions.
- ETSI CTI and SINTESIO are ready to organise an NG eCall plugtest in 2021 including new test features.
- The Plugtests event will be organised accordingly to the European Commission plans about the revision of the eCall regulation



Thank you for your attention

Denis Filatov, denis.filatov@etsi.org

Boštjan Pintar, pintar@sintesio.org

Questions?

© ETSI