

Prüfbericht - Nr.: 50028859 001 <i>Test Report No.</i>		Seite Page		1	von of	9
Auftraggeber: <i>Client:</i>	Korea Electrotechnology Research Institute 111, Hanggaul-ro, Sangnok-gu, Ansan-city, Gyeonggi-do Korea					
Gegenstand der Prüfung: <i>Test item:</i>	OpenADR Device					
Bezeichnung: <i>Identification:</i>	KERI_OpenADR2.0b_VEN	Order-Nr.: <i>Order No.</i>	133041462			
Wareneingangs-Nr.: <i>Receipt No.:</i>	A000189721	Eingangsdatum: <i>Date of receipt:</i>	2015-04-20			
Zustand des Prüfgegenstandes bei Anlieferung: <i>Condition of test item at delivery:</i>	Test item complete and undamaged					
Prüfort: <i>Testing location:</i>	TÜV Rheinland Korea Ltd. E&C Venture Dream Tower 6, 197-28, Guro-dong, Guro-gu Seoul, 152-719, Korea					
Prüfgrundlage: <i>Test specification:</i>	OpenADR 2.0b Certification Test Specification v1.0.6					
Prüfergebnis: <i>Test Result:</i>	Der Prüfgegenstand entspricht oben genannter Prüfgrundlage(n). <i>The test item passed the test specification(s).</i>					
Prüflaboratorium: <i>Testing Laboratory:</i>	TÜV Rheinland Korea Ltd. E&C Venture Dream Tower 6, 197-28, Guro-dong, Guro-gu Seoul, 152-719, Korea					
geprüft / tested by:		kontrolliert / reviewed by:				
						
23.Apr.2015 YoungJu Yoon/ Proj.Engineer		23.Apr.2015 Jong-Shik Her/ Proj.Mgr				
Datum <i>Date</i>	Unterschrift <i>Signature</i>	Datum <i>Date</i>	Unterschrift <i>Signature</i>			
Sonstiges / Other Aspects:						
Abkürzungen: OK, Pass = entspricht Prüfgrundlage Fail = entspricht nicht Prüfgrundlage N/A = nicht anwendbar		Abbreviations: OK, Pass = passed Fail = failed N/A = not applicable				
Dieser Prüfbericht bezieht sich nur auf den o.g. Prüfgegenstand und darf ohne Genehmigung der Prüfstelle nicht auszugsweise vervielfältigt werden. Dieser Bericht berechtigt nicht zur Verwendung eines Prüfzeichens. <i>This test report relates to the a. m. test item. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any test mark on this or similar products.</i>						

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1. General Product Information

1.1 General SUT Information

Order number: 133041462
Hardware version: N/A
Firmware version: V1.0

1.2 General EUT Description

Equipment under test: see page 1

1.3 Type of Product

Product type: VEN
OpenADR profile: 2.0b
Mode: Pull
Transport: Simple HTTP
Security: Standard

2. Testing Laboratory

Company name: TÜV Rheinland Korea Ltd.
Address: E & C Venture Dream Tower 6, 197-28, Guro-dong, Guro-gu
Seoul, 152-719, Korea

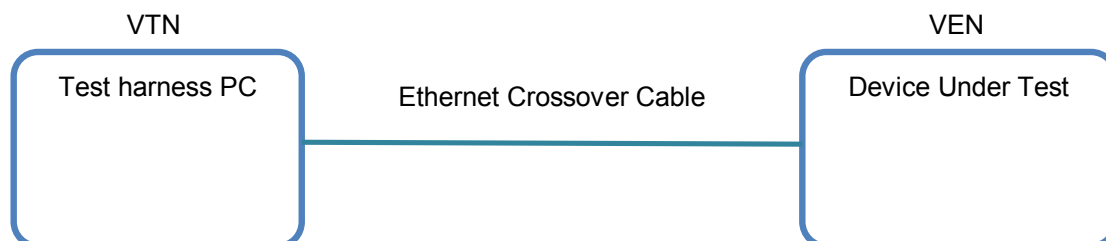
2.1 Test Equipment

Instrument	Manufacturer	Model Number	Version/Errata
Test tool	QualityLogic	OpenADR2.0bCertTest	1.0.6

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2.2 Test Setup



3. Information about Test Results

3.1 General

Documentation of tested devices and results:

The complete set of measurement results is stored at the TÜV Rheinland Korea Ltd. test laboratory and is available on demand.

Interpretation of test results:

The results of the inspection are described on the following pages. "Pass" in the summary list of this test report means the performed tests according to the test specification were verified and that the tested device is conformant to the specifications.

4. Test Results

4.1 VEN Pull Tests

4.1.1 EiRegisterParty Service

No.	Test Case	Date	Result	Log
1	N1_0010_TH_VTN_1	Apr / 20 / 2015	PASS	View Log TraceLog_200415_100914_037.txt
2	N1_0015_TH_VTN_1	Apr / 20 / 2015	PASS	View Log TraceLog_200415_101346_166.txt
3	N1_0020_TH_VTN_1	Apr / 20 / 2015	PASS	View Log TraceLog_200415_101112_227.txt
4	N1_0025_TH_VTN_1	Apr / 20 / 2015	PASS	View Log TraceLog_200415_102147_589.txt
5	N1_0030_TH_VTN_1	Apr / 20 / 2015	PASS	View Log TraceLog_200415_102343_171.txt
6	N1_0040_TH_VTN_1	Apr / 20 / 2015	PASS	View Log TraceLog_200415_102858_522.txt
7	N1_0050_TH_VTN_1	Apr / 20 / 2015	PASS	View Log TraceLog_200415_103243_018.txt
8	N1_0060_TH_VTN_1	Apr / 20 / 2015	PASS	View Log TraceLog_200415_104052_288.txt
9	N1_0065_TH_VTN_1	Apr / 20 / 2015	PASS	View Log TraceLog_200415_104343_371.txt
10	N1_0070_TH_VTN_1	Apr / 20 / 2015	PASS	View Log TraceLog_200415_104526_633.txt
11	N1_0080_TH_VTN_1	Apr / 20 / 2015	NA	View Log TraceLog_200415_104818_394.txt

4.1.2 EiOpt Service

No.	Test Case	Date	Result	Log
1	P1_2010_TH_VTN_1	Apr / 20 / 2015	PASS	View Log TraceLog_200415_105318_823.txt
2	P1_2015_TH_VTN_1	Apr / 20 / 2015	PASS	View Log TraceLog_200415_105455_377.txt
3	P1_2020_TH_VTN_1	Apr / 20 / 2015	PASS	View Log TraceLog_200415_105742_827.txt
4	P1_2030_TH_VTN_1	Apr / 20 / 2015	PASS	View Log TraceLog_200415_113940_196.txt
5	P1_2040_TH_VTN_1	Apr / 20 / 2015	PASS	View Log TraceLog_200415_111448_737.txt
6	P1_2050_TH_VTN_1	Apr / 20 / 2015	NA	View Log TraceLog_200415_111627_932.txt

4.1.3 EiReport Service

No.	Test Case	Date	Result	Log
1	R1_3010_TH_VTN_1	Apr / 20 / 2015	PASS	View Log TraceLog_200415_114136_804.txt

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2	R1_3020_TH_VTN_1	Apr / 20 / 2015	PASS	View Log TraceLog_200415_114510_649.txt
3	R1_3025_TH_VTN_1	Apr / 20 / 2015	PASS	View Log TraceLog_200415_114917_901.txt
4	R1_3027_TH_VTN_1	Apr / 20 / 2015	PASS	View Log TraceLog_200415_115409_555.txt
5	R1_3030_TH_VTN_1	Apr / 20 / 2015	PASS	View Log TraceLog_200415_120054_419.txt
6	R1_3040_TH_VTN_1	Apr / 20 / 2015	PASS	View Log TraceLog_200415_120314_609.txt
7	R1_3045_TH_VTN_1	Apr / 20 / 2015	PASS	View Log TraceLog_200415_120859_696.txt
8	R1_3050_TH_VTN_1	Apr / 20 / 2015	PASS	View Log TraceLog_200415_121153_686.txt
9	R1_3060_TH_VTN_1	Apr / 20 / 2015	PASS	View Log TraceLog_200415_121557_298.txt
10	R1_3130_TH_VTN_1	Apr / 20 / 2015	PASS	View Log TraceLog_200415_122030_711.txt
11	R1_3140_TH_VTN_1	Apr / 20 / 2015	PASS	View Log TraceLog_200415_122450_463.txt
12	R1_3150_TH_VTN_1	Apr / 20 / 2015	PASS	View Log TraceLog_200415_122740_416.txt
13	R1_3160_TH_VTN_1	Apr / 20 / 2015	PASS	View Log TraceLog_200415_122919_650.txt
14	R1_3170_TH_VTN_1	Apr / 20 / 2015	PASS	View Log TraceLog_200415_124307_636.txt
15	R1_3180_TH_VTN_1	Apr / 20 / 2015	PASS	View Log TraceLog_200415_013438_608.txt
16	R1_3190_TH_VTN_1	Apr / 20 / 2015	PASS	View Log TraceLog_200415_013641_859.txt

4.1.4 EiEvent Service

No.	Test Case	Date	Result	Log
1	E1_1010_TH_VTN_1	Apr / 20 / 2015	PASS	View Log TraceLog_200415_014049_843.txt
2	E1_1020_TH_VTN_1	Apr / 20 / 2015	PASS	View Log TraceLog_200415_014205_898.txt
3	E1_1025_TH_VTN_1	Apr / 20 / 2015	PASS	View Log TraceLog_200415_014716_135.txt
4	E1_1027_TH_VTN_1	Apr / 20 / 2015	PASS	View Log TraceLog_200415_015010_269.txt
5	E1_1030_TH_VTN_1	Apr / 20 / 2015	PASS	View Log TraceLog_200415_015146_938.txt
6	E1_1040_TH_VTN_1	Apr / 20 / 2015	PASS	View Log TraceLog_200415_015550_279.txt
7	E1_1050_TH_VTN_1	Apr / 20 / 2015	PASS	View Log TraceLog_200415_015829_159.txt
8	E1_1055_TH_VTN_1	Apr / 20 / 2015	PASS	View Log TraceLog_200415_020025_196.txt
9	E1_1060_TH_VTN_1	Apr / 20 / 2015	PASS	View Log TraceLog_200415_020508_066.txt
10	E1_1065_TH_VTN_1	Apr / 20 / 2015	NA	View Log TraceLog_200415_020643_641.txt
11	E1_1070_TH_VTN_1	Apr / 20 / 2015	PASS	View Log TraceLog_200415_020719_875.txt
12	E1_1080_TH_VTN_1	Apr / 20 / 2015	PASS	View Log TraceLog_200415_020908_494.txt

4.1.5 EiEvent Ported A Profile

No.	Test Case	Date	Result	Log
1	A_E1_0020_TH_VTN_1	Apr / 20 / 2015	PASS	View Log TraceLog_200415_021335_184.txt

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2	A_E1_0040_TH_VTN_1	Apr / 20 / 2015	PASS	View Log TraceLog_200415_021626_979.txt
3	A_E1_0060_TH_VTN_1	Apr / 20 / 2015	PASS	View Log TraceLog_200415_021858_019.txt
4	A_E1_0070_TH_VTN_1	Apr / 20 / 2015	PASS	View Log TraceLog_200415_022057_329.txt
5	A_E1_0082_TH_VTN_1	Apr / 20 / 2015	PASS	View Log TraceLog_200415_022230_643.txt
6	A_E1_0086_TH_VTN_1	Apr / 20 / 2015	PASS	View Log TraceLog_200415_022428_337.txt
7	A_E1_0090_TH_VTN_1	Apr / 20 / 2015	PASS	View Log TraceLog_200415_022727_887.txt
8	A_E1_0092_TH_VTN_1	Apr / 20 / 2015	PASS	View Log TraceLog_200415_022907_736.txt
9	A_E1_0094_TH_VTN_1	Apr / 20 / 2015	PASS	View Log TraceLog_200415_023539_627.txt
10	A_E1_0096_TH_VTN_1	Apr / 20 / 2015	PASS	View Log TraceLog_200415_023719_208.txt
11	A_E1_0098_TH_VTN_1	Apr / 20 / 2015	PASS	View Log TraceLog_200415_023918_865.txt
12	A_E1_0100_TH_VTN_1	Apr / 20 / 2015	PASS	View Log TraceLog_200415_024116_688.txt
13	A_E1_0102_TH_VTN_1	Apr / 20 / 2015	PASS	View Log TraceLog_200415_024336_011.txt
14	A_E1_0104_TH_VTN_1	Apr / 20 / 2015	PASS	View Log TraceLog_200415_024611_110.txt
15	A_E1_0110_TH_VTN_1	Apr / 20 / 2015	PASS	View Log TraceLog_200415_024906_050.txt
16	A_E1_0130_TH_VTN_1	Apr / 20 / 2015	PASS	View Log TraceLog_200415_025101_737.txt
17	A_E1_0180_TH_VTN_1	Apr / 20 / 2015	PASS	View Log TraceLog_200415_025335_357.txt
18	A_E1_0190_TH_VTN_1	Apr / 20 / 2015	PASS	View Log TraceLog_200415_030240_224.txt
19	A_E1_0200_TH_VTN_1	Apr / 20 / 2015	PASS	View Log TraceLog_200415_030431_901.txt
20	A_E1_0210_TH_VTN_1	Apr / 20 / 2015	PASS	View Log TraceLog_200415_030859_256.txt
21	A_E1_0220_TH_VTN_1	Apr / 20 / 2015	PASS	View Log TraceLog_200415_031240_408.txt
22	A_E1_0230_TH_VTN_1	Apr / 20 / 2015	PASS	View Log TraceLog_200415_031623_285.txt
23	A_E1_0240_TH_VTN_1	Apr / 20 / 2015	PASS	View Log TraceLog_200415_032206_224.txt
24	A_E1_0250_TH_VTN_1	Apr / 20 / 2015	PASS	View Log TraceLog_200415_032901_273.txt
25	A_E1_0260_TH_VTN_1	Apr / 20 / 2015	PASS	View Log TraceLog_200415_033352_719.txt
26	A_E1_0262_TH_VTN_1	Apr / 20 / 2015	PASS	View Log TraceLog_200415_034725_327.txt
27	A_E1_0267_TH_VTN_1	Apr / 20 / 2015	PASS	View Log TraceLog_200415_040902_064.txt
28	A_E1_0268_TH_VTN_1	Apr / 21 / 2015	PASS	View Log TraceLog_210415_101143_647.txt
29	A_E1_0270_TH_VTN_1	Apr / 21 / 2015	PASS	View Log TraceLog_210415_103054_397.txt
30	A_E1_0280_TH_VTN_1	Apr / 21 / 2015	PASS	View Log TraceLog_210415_103621_768.txt
31	A_E1_0285_TH_VTN_1	Apr / 21 / 2015	PASS	View Log TraceLog_210415_103907_157.txt
32	A_E1_0300_TH_VTN_1	Apr / 21 / 2015	PASS	View Log TraceLog_210415_104125_197.txt
33	A_E1_0310_TH_VTN_1	Apr / 21 / 2015	PASS	View Log TraceLog_210415_104400_325.txt
34	A_E1_0325_TH_VTN_1	Apr / 21 / 2015	PASS	View Log TraceLog_210415_104622_824.txt
35	A_E1_0340_TH_VTN_1	Apr / 21 / 2015	PASS	View Log TraceLog_210415_104840_265.txt
36	A_E1_0345_TH_VTN_1	Apr / 21 / 2015	PASS	View Log TraceLog_210415_105053_245.txt
37	A_E1_0360_TH_VTN_1	Apr / 21 / 2015	PASS	View Log TraceLog_210415_105339_141.txt
38	A_E1_0370_TH_VTN_1	Apr / 21 / 2015	PASS	View Log TraceLog_210415_105647_146.txt
39	A_E1_0390_TH_VTN_1	Apr / 21 / 2015	PASS	View Log TraceLog_210415_111044_193.txt

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40 A_E1_0392_TH_VTN_1 Apr / 21 / 2015 PASS [View Log TraceLog_210415_111306_816.txt](#)

4.1.6 General Tests

No.	Test Case	Date	Result	Log
1	G1_4010_TH_VTN_1	Apr / 21 / 2015	PASS	View Log TraceLog_210415_100330_907.txt
2	G1_4015_TH_VTN_1	Apr / 21 / 2015	PASS	View Log TraceLog_210415_100725_268.txt

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Appendix A: Remarks and References

Log files for the executed test cases are provided in the electronic format.

List of all executed tests with links to the log files is located in the "logfile.xml" which could be opened in any web-browser.

Appendix B: Photos

Photo 1: Test harness PC



Photo 2: Test Device PC

