

Prüfbericht - Nr.: 50034135 001 <i>Test Report No.</i>		Seite Page	1	von of	9
Auftraggeber: <i>Client:</i>	NAODIGITAL 1106, KOLON Digital Tower Billant, 222-7, Guro-Dong, Gugo-Gu, Seoul, 152-050, Korea				
Gegenstand der Prüfung: <i>Test item:</i>	Smart Energy Core Gateway				
Bezeichnung: <i>Identification:</i>	SEC-100W	Order-Nr.: <i>Order No.</i>	133043175		
Wareneingangs-Nr.: <i>Receipt No.:</i>	A000262788	Eingangsdatum: <i>Date of receipt:</i>	2015-09-24		
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). The test item passed the test specification(s).				
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:				
 05.Oct.2015 YoungJu Yoon/ Proj.Engineer		 12.Oct.2015 Jong-Shik Her/ Proj.Mgr			
<small>Datum Date</small>	<small>Unterschrift Signature</small>	<small>Datum Date</small>	<small>Unterschrift Signature</small>		
Sonstiges / Other Aspects:					
<small>Abkürzungen: OK, Pass = entspricht Prüfgrundlage Fail = entspricht nicht Prüfgrundlage N/A = nicht anwendbar</small>		<small>Abbreviations: OK, Pass = passed Fail = failed N/A = not applicable</small>			
<p>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. 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.</p>					

- Contents

1. GENERAL PRODUCT INFORMATION.....	3
1.1 GENERAL SUT INFORMATION	3
1.2 GENERAL EUT DESCRIPTION	3
1.3 TYPE OF PRODUCT	3
2. TESTING LABORATORY	3
2.1 TEST EQUIPMENT	3
2.2 TEST SETUP	4
3. INFORMATION ABOUT TEST RESULTS	4
3.1 GENERAL	4
4. TEST RESULTS.....	5
4.1 VEN PUSH XMPP TESTS.....	5
4.1.1 <i>EiRegisterParty Service.....</i>	<i>5</i>
4.1.2 <i>EiOpt Service.....</i>	<i>5</i>
4.1.3 <i>EiReport Service.....</i>	<i>6</i>
4.1.4 <i>EiEvent Service.....</i>	<i>6</i>
4.1.5 <i>EiEvent Ported A Profile.....</i>	<i>7</i>
4.1.6 <i>General Tests</i>	<i>8</i>
APPENDIX A: REMARKS AND REFERENCES	9
APPENDIX B: PHOTOS	9

Prüfbericht - Nr.: 50034135 001
Test Report No.

Seite 3 von 9
Page of

1. General Product Information

1.1 General SUT Information

Order number: 133043175
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: Push
Transport: XMPP Only
Security: Standard Security

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

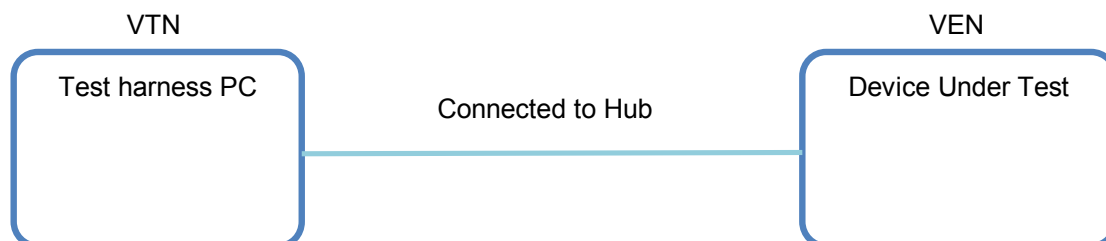
2.1 Test Equipment

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

Prüfbericht - Nr.: 50034135 001
Test Report No.

Seite 4 von 9
Page of

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 Push XMPP Tests

4.1.1 EiRegisterParty Service

No.	Test Case	Date	Result	Log
1	N0_5010_TH_VTN_1	Sep / 24 / 2015	PASS	View Log TraceLog_240915_014049_206.txt
2	N0_5015_TH_VTN_1	Sep / 24 / 2015	PASS	View Log TraceLog_240915_013751_298.txt
3	N0_5020_TH_VTN_1	Sep / 24 / 2015	PASS	View Log TraceLog_240915_114438_986.txt
4	N0_5025_TH_VTN_1	Sep / 24 / 2015	PASS	View Log TraceLog_240915_012855_956.txt
5	N0_5030_TH_VTN_1	Sep / 24 / 2015	PASS	View Log TraceLog_240915_012632_279.txt
6	N0_5040_TH_VTN	Sep / 24 / 2015	PASS	View Log TraceLog_240915_013928_041.txt
7	N0_5050_TH_VTN	Sep / 24 / 2015	PASS	View Log TraceLog_240915_033531_665.txt
8	N0_5060_TH_VTN_1	Sep / 24 / 2015	PASS	View Log TraceLog_240915_012320_716.txt
9	N0_5065_TH_VTN_1	Sep / 24 / 2015	PASS	View Log TraceLog_240915_012459_883.txt
10	N0_5070_TH_VTN_1	Sep / 24 / 2015	PASS	View Log TraceLog_240915_013202_728.txt
11	N0_5080_TH_VTN_1	Sep / 24 / 2015	PASS	View Log TraceLog_240915_013328_888.txt

4.1.2 EiOpt Service

No.	Test Case	Date	Result	Log
1	P0_7010_TH_VTN_1	Sep / 24 / 2015	PASS	View Log TraceLog_240915_014426_645.txt
2	P0_7015_TH_VTN_1	Sep / 24 / 2015	PASS	View Log TraceLog_240915_014609_786.txt
3	P0_7020_TH_VTN_1	Sep / 24 / 2015	PASS	View Log TraceLog_240915_014730_945.txt
4	P0_7030_TH_VTN_1	Sep / 24 / 2015	PASS	View Log TraceLog_240915_015640_370.txt
5	P0_7040_TH_VTN_1	Sep / 24 / 2015	PASS	View Log TraceLog_240915_020401_480.txt
6	P0_7050_TH_VTN_1	Sep / 24 / 2015	NA	View Log TraceLog_240915_020648_031.txt

Prüfbericht - Nr.: 50034135 001
Test Report No.

Seite 6 von 9
Page of

4.1.3 EiReport Service

No.	Test Case	Date	Result	Log
1	R0_8010_TH_VTN	Sep / 24 / 2015	PASS	View Log TraceLog_240915_023618_642.txt
2	R0_8020_TH_VTN	Sep / 24 / 2015	PASS	View Log TraceLog_240915_023723_254.txt
3	R0_8025_TH_VTN	Sep / 24 / 2015	PASS	View Log TraceLog_240915_024218_968.txt
4	R0_8027_TH_VTN	Sep / 24 / 2015	PASS	View Log TraceLog_240915_024626_719.txt
5	R0_8030_TH_VTN	Sep / 24 / 2015	PASS	View Log TraceLog_240915_025053_488.txt
6	R0_8040_TH_VTN	Sep / 24 / 2015	PASS	View Log TraceLog_240915_025321_287.txt
7	R0_8045_TH_VTN	Sep / 24 / 2015	PASS	View Log TraceLog_240915_025746_456.txt
8	R0_8050_TH_VTN	Sep / 24 / 2015	PASS	View Log TraceLog_240915_025944_335.txt
9	R0_8060_TH_VTN_1	Sep / 24 / 2015	PASS	View Log TraceLog_240915_030100_591.txt
10	R0_8070_TH_VTN_1	Sep / 24 / 2015	PASS	View Log TraceLog_240915_030602_567.txt
11	R0_8080_TH_VTN_1	Sep / 24 / 2015	PASS	View Log TraceLog_240915_030719_470.txt
12	R0_8090_TH_VTN_1	Sep / 24 / 2015	PASS	View Log TraceLog_240915_032020_617.txt
13	R0_8100_TH_VTN_1	Sep / 24 / 2015	PASS	View Log TraceLog_240915_032204_920.txt
14	R0_8120_TH_VTN	Sep / 24 / 2015	PASS	View Log TraceLog_240915_030412_315.txt
15	R0_8130_TH_VTN	Oct / 05 / 2015	PASS	View Log TraceLog_051015_035708_246.txt
16	R0_8140_TH_VTN	Oct / 05 / 2015	PASS	View Log TraceLog_051015_035843_531.txt
17	R0_8150_TH_VTN	Sep / 24 / 2015	PASS	View Log TraceLog_240915_032636_131.txt
18	R0_8160_TH_VTN	Sep / 24 / 2015	PASS	View Log TraceLog_240915_040353_667.txt
19	R0_8170_TH_VTN	Sep / 24 / 2015	PASS	View Log TraceLog_240915_035116_889.txt
20	R0_8180_TH_VTN	Sep / 24 / 2015	PASS	View Log TraceLog_240915_040113_388.txt
21	R0_8190_TH_VTN	Sep / 24 / 2015	PASS	View Log TraceLog_240915_040253_631.txt

4.1.4 EiEvent Service

No.	Test Case	Date	Result	Log
1	E0_6010_TH_VTN	Sep / 24 / 2015	PASS	View Log TraceLog_240915_020853_944.txt
2	E0_6020_TH_VTN	Sep / 24 / 2015	PASS	View Log TraceLog_240915_020953_726.txt
3	E0_6025_TH_VTN	Sep / 24 / 2015	PASS	View Log TraceLog_240915_021058_017.txt
4	E0_6027_TH_VTN	Sep / 24 / 2015	PASS	View Log TraceLog_240915_021220_010.txt
5	E0_6030_TH_VTN	Sep / 24 / 2015	PASS	View Log TraceLog_240915_021341_410.txt
6	E0_6040_TH_VTN	Sep / 24 / 2015	PASS	View Log TraceLog_240915_021509_689.txt
7	E0_6050_TH_VTN_1	Sep / 24 / 2015	PASS	View Log TraceLog_240915_021702_911.txt
8	E0_6055_TH_VTN	Sep / 24 / 2015	PASS	View Log TraceLog_240915_021838_155.txt

Prüfbericht - Nr.: 50034135 001

Test Report No.

Seite 7 von 9
Page of

9	E0_6060_TH_VTN	Sep / 24 / 2015	PASS	View Log TraceLog_240915_022158_435.txt
10	E0_6065_TH_VTN	Sep / 24 / 2015	NA	View Log TraceLog_240915_022351_951.txt
11	E0_6070_TH_VTN	Sep / 24 / 2015	PASS	View Log TraceLog_240915_022430_127.txt
12	E0_6080_TH_VTN	Sep / 24 / 2015	PASS	View Log TraceLog_240915_022519_380.txt

4.1.5 EiEvent Ported A Profile

No.	Test Case	Date	Result	Log
1	A_E0_0020_TH_VTN_1	Sep / 24 / 2015	PASS	View Log TraceLog_240915_041743_651.txt
2	A_E0_0040_TH_VTN	Sep / 24 / 2015	PASS	View Log TraceLog_240915_041932_100.txt
3	A_E0_0060_TH_VTN_1	Sep / 24 / 2015	PASS	View Log TraceLog_240915_042048_091.txt
4	A_E0_0070_TH_VTN_1	Sep / 24 / 2015	PASS	View Log TraceLog_240915_042203_651.txt
5	A_E0_0082_TH_VTN_1	Sep / 24 / 2015	PASS	View Log TraceLog_240915_042342_786.txt
6	A_E0_0086_TH_VTN_1	Sep / 24 / 2015	PASS	View Log TraceLog_240915_042451_510.txt
7	A_E0_0090_TH_VTN_1	Sep / 24 / 2015	PASS	View Log TraceLog_240915_042641_702.txt
8	A_E0_0092_TH_VTN_1	Sep / 24 / 2015	PASS	View Log TraceLog_240915_042809_411.txt
9	A_E0_0094_TH_VTN_1	Sep / 24 / 2015	PASS	View Log TraceLog_240915_042940_766.txt
10	A_E0_0096_TH_VTN	Sep / 24 / 2015	PASS	View Log TraceLog_240915_043121_584.txt
11	A_E0_0098_TH_VTN_1	Sep / 24 / 2015	PASS	View Log TraceLog_240915_043303_425.txt
12	A_E0_0100_TH_VTN_1	Sep / 24 / 2015	PASS	View Log TraceLog_240915_043526_997.txt
13	A_E0_0102_TH_VTN_1	Sep / 24 / 2015	PASS	View Log TraceLog_240915_043745_497.txt
14	A_E0_0104_TH_VTN_1	Sep / 24 / 2015	PASS	View Log TraceLog_240915_043907_171.txt
15	A_E0_0110_TH_VTN_1	Sep / 24 / 2015	PASS	View Log TraceLog_240915_044035_569.txt
16	A_E0_0130_TH_VTN_1	Sep / 24 / 2015	PASS	View Log TraceLog_240915_044237_913.txt
17	A_E0_0180_TH_VTN_1	Sep / 24 / 2015	PASS	View Log TraceLog_240915_044418_671.txt
18	A_E0_0190_TH_VTN_1	Sep / 24 / 2015	PASS	View Log TraceLog_240915_044657_215.txt
19	A_E0_0200_TH_VTN_1	Sep / 24 / 2015	PASS	View Log TraceLog_240915_045929_558.txt
20	A_E0_0210_TH_VTN_1	Oct / 01 / 2015	PASS	View Log TraceLog_011015_100357_863.txt
21	A_E0_0220_TH_VTN_1	Oct / 01 / 2015	PASS	View Log TraceLog_011015_100815_191.txt
22	A_E0_0230_TH_VTN	Oct / 01 / 2015	PASS	View Log TraceLog_011015_101232_859.txt
23	A_E0_0240_TH_VTN	Oct / 01 / 2015	PASS	View Log TraceLog_011015_102837_483.txt
24	A_E0_0250_TH_VTN_1	Oct / 01 / 2015	PASS	View Log TraceLog_011015_103208_287.txt
25	A_E0_0260_TH_VTN_1	Oct / 01 / 2015	PASS	View Log TraceLog_011015_103621_742.txt
26	A_E0_0262_TH_VTN_1	Oct / 01 / 2015	PASS	View Log TraceLog_011015_105618_039.txt

Prüfbericht - Nr.: 50034135 001

Test Report No.

Seite 8 von 9
Page of

27	A_E0_0267_TH_VTN_1	Oct / 05 / 2015	PASS	View Log TraceLog_051015_031604_777.txt
28	A_E0_0268_TH_VTN_1	Oct / 05 / 2015	PASS	View Log TraceLog_051015_033646_264.txt
29	A_E0_0270_TH_VTN_1	Oct / 01 / 2015	PASS	View Log TraceLog_011015_124009_981.txt
30	A_E0_0280_TH_VTN_1	Oct / 05 / 2015	PASS	View Log TraceLog_051015_015533_458.txt
31	A_E0_0285_TH_VTN_1	Oct / 01 / 2015	PASS	View Log TraceLog_011015_125102_877.txt
32	A_E0_0300_TH_VTN_1	Oct / 01 / 2015	PASS	View Log TraceLog_011015_125635_324.txt
33	A_E0_0310_TH_VTN_1	Oct / 01 / 2015	PASS	View Log TraceLog_011015_125849_917.txt
34	A_E0_0325_TH_VTN_1	Oct / 01 / 2015	PASS	View Log TraceLog_011015_010018_385.txt
35	A_E0_0325_TH_VTN_1	Oct / 01 / 2015	PASS	View Log TraceLog_011015_010323_861.txt
36	A_E0_0340_TH_VTN_1	Oct / 01 / 2015	PASS	View Log TraceLog_011015_010518_143.txt
37	A_E0_0345_TH_VTN_1	Oct / 01 / 2015	PASS	View Log TraceLog_011015_010832_339.txt
38	A_E0_0360_TH_VTN_1	Oct / 01 / 2015	PASS	View Log TraceLog_011015_010947_591.txt
39	A_E0_0370_TH_VTN_1	Oct / 05 / 2015	PASS	View Log TraceLog_051015_015845_768.txt
40	A_E0_0390_TH_VTN_1	Oct / 01 / 2015	PASS	View Log TraceLog_011015_011607_680.txt
41	A_E0_0392_TH_VTN_1	Oct / 01 / 2015	PASS	View Log TraceLog_011015_011758_721.txt

4.1.6 General Tests

No.	Test Case	Date	Result	Log
1	G0_9005_TH_VTN	Oct / 01 / 2015	PASS	View Log TraceLog_011015_012154_945.txt

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

