



<b>Prüfbericht - Nr.:</b> 50031201 001 <i>Test Report No.</i>		Seite Page	1	von of	11
<b>Auftraggeber:</b> <i>Client:</i>	Eneres Co., Ltd. 14F Ochanomizu First Bldg. 2-5-1 Kandasurugadai, Chiyoda-ku, Tokyo 101-0062, Japan				
<b>Gegenstand der Prüfung:</b> <i>Test item:</i>	DR Device				
<b>Bezeichnung:</b> <i>Identification:</i>	Eneres-VEN	<b>Serien-Nr.:</b> <i>Serial No.</i>	N/A		
<b>Wareneingangs-Nr.:</b> <i>Receipt No.:</i>	A000228883-001	<b>Eingangsdatum:</b> <i>Date of receipt:</i>	2015-07-14		
<b>Zustand des Prüfgegenstandes bei Anlieferung:</b> <i>Condition of test item at delivery:</i>	Test item complete and undamaged				
<b>Prüfört:</b> <i>Testing location:</i>	TÜV Rheinland Japan Ltd. Global Technology Assessment Center 4-25-2 Kita-Yamata, Tsuzuki-ku Yokohama 224-0021, Japan				
<b>Prüfgrundlage:</b> <i>Test specification:</i>	OpenADR 2.0b Certification Test Specification v1.0.6				
<b>Prüfergebnis:</b> <i>Test Result:</i>	Der Prüfgegenstand entspricht oben genannter Prüfgrundlage(n). <i>The test item passed the test specification(s).</i>				
<b>Prüflaboratorium:</b> <i>Testing Laboratory:</i>	TÜV Rheinland Japan Ltd. Global Technology Assessment Center 4-25-2 Kita-Yamata, Tsuzuki-ku Yokohama 224-0021, Japan				
<b>geprüft / tested by:</b>			<b>kontrolliert / reviewed by:</b>		
<b>2015-07-17, Tam Tran-Thanh</b>			<b>2015-07-22, Olga Kozeruk</b>		
<b>Datum</b> <i>Date</i>	<b>Unterschrift</b> <i>Signature</i>		<b>Datum</b> <i>Date</i>	<b>Unterschrift</b> <i>Signature</i>	
<b>Sonstiges / Other Aspects:</b>					
Abkürzungen: OK, Pass = entspricht Prüfgrundlage Fail = entspricht nicht Prüfgrundlage N/A = nicht anwendbar					
Abbreviations: OK, Pass = passed Fail = failed N/A = not applicable					
<b>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.</b> <b>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.</b>					

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## 1. General Product Information

### 1.1 Client Information

**Company name:** see page 1  
**Address:** see page 1  
**Contact Person:** Shin Onodera  
**Phone:** +81-3-6657-5453  
**Fax:** N/A  
**Email:** s.onodera@eneres.co.jp

### 1.2 General SUT Information

[The system under test is software implementation of OpenADR protocol installed on laptop.]

**Serial number:** N/A  
**Hardware version:** N/A  
**Firmware version:** 1.0

### 1.3 General EUT Description

**Equipment under test:** see page 1

### 1.4 Type of Product

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

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## 2. Testing Laboratory

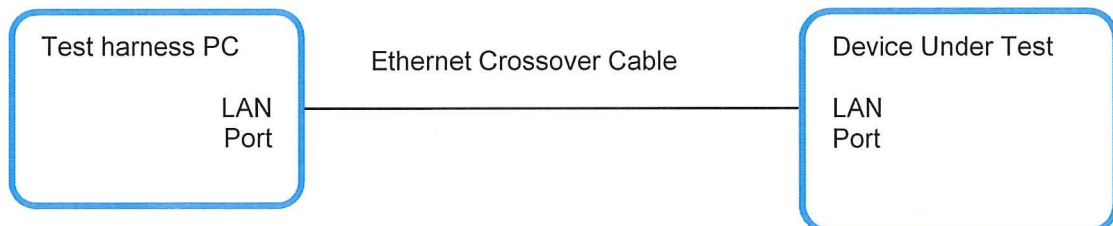
**Company name:** TÜV Rheinland Japan Ltd.

**Address:** see page 1

### 2.1 Test Equipment

Instrument	Manufacturer	Model Number	Version/Errata
Test tool	QualityLogic	OpenADR2.0bCertTest	1.0.6 / Errata Revision Date 2015-04-22 and 2015-07-02 (new SHA256 certificates)

### 2.2 Test Setup



### 2.3 Environmental Conditions

**Temperature:** 19°C to 25°C

**Relative humidity:** 25% to 75%

**Testing date:** 2015-07-14

## 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 Japan 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 test result list of this test report means the performed test according to the test specification was verified and that the tested device is conformant to the specification. "Fail" means that the performed test according to the test specification was verified and the tested device is not conformant to the specification or that test didn't run to completion because the tested device is not conformant to the specification. "N/A" means the test cases are optional and/or not applicable to the tested device.

## 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	7/14/2015	PASS	TraceLog_140715_100943_616.txt
2	N1_0015_TH_VTN_1	7/14/2015	PASS	TraceLog_140715_101649_549.txt
3	N1_0020_TH_VTN_1	7/14/2015	PASS	TraceLog_140715_101157_205.txt
4	N1_0025_TH_VTN_1	7/14/2015	PASS	TraceLog_140715_102218_521.txt
5	N1_0030_TH_VTN_1	7/14/2015	PASS	TraceLog_140715_102005_872.txt
6	N1_0040_TH_VTN_1	7/14/2015	PASS	TraceLog_140715_104130_584.txt
7	N1_0050_TH_VTN_1	7/14/2015	PASS	TraceLog_140715_102549_772.txt
8	N1_0060_TH_VTN_1	7/14/2015	PASS	TraceLog_140715_103156_805.txt
9	N1_0065_TH_VTN_1	7/14/2015	PASS	TraceLog_140715_103450_313.txt
10	N1_0070_TH_VTN_1	7/14/2015	PASS	TraceLog_140715_103722_419.txt
11	N1_0080_TH_VTN_1	7/14/2015	NA	TraceLog_140715_103913_280.txt

#### 4.1.2 EiOpt Service

No.	Test Case	Date	Result	Log
1	P1_2010_TH_VTN_1	7/14/2015	PASS	TraceLog_140715_104849_436.txt
2	P1_2015_TH_VTN_1	7/14/2015	PASS	TraceLog_140715_105049_772.txt
3	P1_2020_TH_VTN_1	7/14/2015	PASS	TraceLog_140715_105409_455.txt
4	P1_2030_TH_VTN_1	7/14/2015	PASS	TraceLog_140715_105957_253.txt
5	P1_2040_TH_VTN_1	7/14/2015	PASS	TraceLog_140715_111458_673.txt
6	P1_2050_TH_VTN_1	7/14/2015	NA	TraceLog_140715_111839_889.txt

#### 4.1.3 EiReport Service

No.	Test Case	Date	Result	Log
1	R1_3010_TH_VTN_1	7/14/2015	PASS	TraceLog_140715_112227_464.txt
2	R1_3020_TH_VTN_1	7/14/2015	PASS	TraceLog_140715_112530_896.txt
3	R1_3025_TH_VTN_1	7/14/2015	PASS	TraceLog_140715_113024_307.txt
4	R1_3027_TH_VTN_1	7/14/2015	PASS	TraceLog_140715_113507_376.txt
5	R1_3030_TH_VTN_1	7/14/2015	PASS	TraceLog_140715_114049_611.txt
6	R1_3040_TH_VTN_1	7/14/2015	PASS	TraceLog_140715_114604_839.txt
7	R1_3045_TH_VTN_1	7/14/2015	PASS	TraceLog_140715_115347_395.txt
8	R1_3050_TH_VTN_1	7/14/2015	PASS	TraceLog_140715_010822_121.txt
9	R1_3060_TH_VTN_1	7/14/2015	PASS	TraceLog_140715_011121_508.txt
10	R1_3070_TH_VTN_1	7/14/2015	PASS	TraceLog_140715_011554_411.txt
11	R1_3080_TH_VTN_1	7/14/2015	PASS	TraceLog_140715_012002_364.txt
12	R1_3090_TH_VTN_1	7/14/2015	PASS	TraceLog_140715_012429_748.txt
13	R1_3100_TH_VTN_1	7/14/2015	PASS	TraceLog_140715_012944_843.txt
14	R1_3120_TH_VTN_1	7/14/2015	PASS	TraceLog_140715_013306_524.txt
15	R1_3130_TH_VTN_1	7/14/2015	PASS	TraceLog_140715_013836_666.txt
16	R1_3140_TH_VTN_1	7/14/2015	PASS	TraceLog_140715_014302_319.txt
17	R1_3150_TH_VTN_1	7/14/2015	PASS	TraceLog_140715_014639_674.txt
18	R1_3160_TH_VTN_1	7/14/2015	PASS	TraceLog_140715_015009_601.txt
19	R1_3170_TH_VTN_1	7/14/2015	PASS	TraceLog_140715_015537_469.txt
20	R1_3180_TH_VTN_1	7/14/2015	PASS	TraceLog_140715_020018_306.txt
21	R1_3190_TH_VTN_1	7/14/2015	PASS	TraceLog_140715_020351_155.txt

#### 4.1.4 EiEvent Service

No.	Test Case	Date	Result	Log
1	E1_1010_TH_VTN_1	7/14/2015	PASS	TraceLog_140715_023732_724.txt
2	E1_1020_TH_VTN_1	7/14/2015	PASS	TraceLog_140715_023955_873.txt
3	E1_1025_TH_VTN_1	7/14/2015	PASS	TraceLog_140715_024221_957.txt
4	E1_1027_TH_VTN_1	7/14/2015	PASS	TraceLog_140715_024434_720.txt
5	E1_1030_TH_VTN_1	7/14/2015	PASS	TraceLog_140715_024719_174.txt
6	E1_1040_TH_VTN_1	7/14/2015	PASS	TraceLog_140715_025121_352.txt
7	E1_1050_TH_VTN_1	7/14/2015	PASS	TraceLog_140715_025546_668.txt
8	E1_1055_TH_VTN_1	7/14/2015	PASS	TraceLog_140715_025925_082.txt
9	E1_1060_TH_VTN_1	7/14/2015	PASS	TraceLog_140715_030254_238.txt
10	E1_1065_TH_VTN_1	7/14/2015	NA	TraceLog_140715_030538_937.txt
11	E1_1070_TH_VTN_1	7/14/2015	PASS	TraceLog_140715_030717_859.txt
12	E1_1080_TH_VTN_1	7/14/2015	PASS	TraceLog_140715_030926_745.txt

#### 4.1.5 EiEvent Ported A Profile

No.	Test Case	Date	Result	Log
1	A_E1_0020_TH_VTN_1	7/14/2015	PASS	TraceLog_140715_031304_122.txt
2	A_E1_0040_TH_VTN_1	7/14/2015	PASS	TraceLog_140715_031620_039.txt
3	A_E1_0060_TH_VTN_1	7/14/2015	PASS	TraceLog_140715_031843_147.txt
4	A_E1_0070_TH_VTN_1	7/14/2015	PASS	TraceLog_140715_032130_419.txt
5	A_E1_0082_TH_VTN_1	7/14/2015	PASS	TraceLog_140715_032450_758.txt
6	A_E1_0086_TH_VTN_1	7/14/2015	PASS	TraceLog_140715_032705_924.txt
7	A_E1_0090_TH_VTN_1	7/14/2015	PASS	TraceLog_140715_032858_847.txt
8	A_E1_0092_TH_VTN_1	7/14/2015	PASS	TraceLog_140715_033118_948.txt
9	A_E1_0094_TH_VTN_1	7/14/2015	PASS	TraceLog_140715_033353_929.txt
10	A_E1_0096_TH_VTN_1	7/14/2015	PASS	TraceLog_140715_033545_518.txt
11	A_E1_0098_TH_VTN_1	7/14/2015	PASS	TraceLog_140715_033816_374.txt
12	A_E1_0100_TH_VTN_1	7/14/2015	PASS	TraceLog_140715_034035_754.txt
13	A_E1_0102_TH_VTN_1	7/14/2015	PASS	TraceLog_140715_034253_928.txt
14	A_E1_0104_TH_VTN_1	7/14/2015	PASS	TraceLog_140715_034600_965.txt
15	A_E1_0110_TH_VTN_1	7/14/2015	PASS	TraceLog_140715_035339_712.txt
16	A_E1_0130_TH_VTN_1	7/14/2015	PASS	TraceLog_140715_035557_478.txt
17	A_E1_0180_TH_VTN_1	7/14/2015	PASS	TraceLog_140715_035804_907.txt
18	A_E1_0190_TH_VTN_1	7/14/2015	PASS	TraceLog_140715_040127_612.txt
19	A_E1_0200_TH_VTN_1	7/14/2015	PASS	TraceLog_140715_040700_581.txt
20	A_E1_0210_TH_VTN_1	7/14/2015	PASS	TraceLog_140715_050939_521.txt
21	A_E1_0220_TH_VTN_1	7/14/2015	PASS	TraceLog_140715_052040_845.txt
22	A_E1_0230_TH_VTN_1	7/14/2015	PASS	TraceLog_140715_052717_688.txt
23	A_E1_0240_TH_VTN_1	7/14/2015	PASS	TraceLog_140715_053522_631.txt
24	A_E1_0250_TH_VTN_1	7/14/2015	PASS	TraceLog_140715_053943_123.txt
25	A_E1_0260_TH_VTN_1	7/14/2015	PASS	TraceLog_140715_060445_858.txt
26	A_E1_0262_TH_VTN_1	7/14/2015	PASS	TraceLog_140715_063328_690.txt
27	A_E1_0267_TH_VTN_1	7/14/2015	PASS	TraceLog_140715_070528_371.txt
28	A_E1_0268_TH_VTN_1	7/14/2015	PASS	TraceLog_140715_071925_381.txt
29	A_E1_0270_TH_VTN_1	7/14/2015	PASS	TraceLog_140715_072611_035.txt
30	A_E1_0280_TH_VTN_1	7/14/2015	PASS	TraceLog_140715_073457_844.txt
31	A_E1_0285_TH_VTN_1	7/14/2015	PASS	TraceLog_140715_041142_057.txt
32	A_E1_0300_TH_VTN_1	7/14/2015	PASS	TraceLog_140715_041435_154.txt
33	A_E1_0310_TH_VTN_1	7/14/2015	PASS	TraceLog_140715_041625_469.txt
34	A_E1_0325_TH_VTN_1	7/14/2015	PASS	TraceLog_140715_041902_409.txt
35	A_E1_0340_TH_VTN_1	7/14/2015	PASS	TraceLog_140715_042115_285.txt
36	A_E1_0345_TH_VTN_1	7/14/2015	PASS	TraceLog_140715_042319_681.txt
37	A_E1_0360_TH_VTN_1	7/14/2015	PASS	TraceLog_140715_042558_757.txt
38	A_E1_0370_TH_VTN_1	7/14/2015	PASS	TraceLog_140715_050335_446.txt



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39	A_E1_0390_TH_VTN_1	7/14/2015	PASS	TraceLog_140715_042931_842.txt
40	A_E1_0392_TH_VTN_1	7/14/2015	PASS	TraceLog_140715_043141_720.txt

#### 4.1.6 General Tests

No.	Test Case	Date	Result	Log
1	G1_4005_TH_VTN_1	7/14/2015	PASS	TraceLog_140715_022101_490.txt
2	G1_4010_TH_VTN_1	7/14/2015	PASS	TraceLog_140715_022838_693.txt
3	G1_4015_TH_VTN_1	7/14/2015	PASS	TraceLog_140715_021257_050.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 (Internet Explorer is recommended).

## Appendix B: Photos

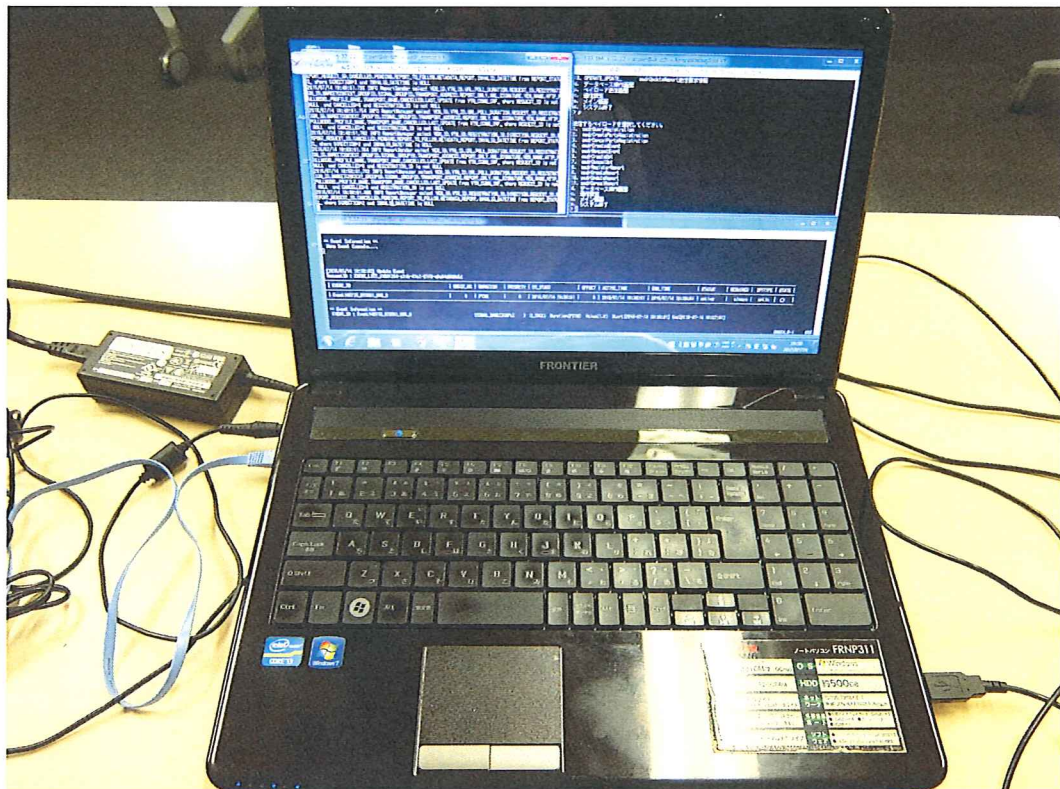


Photo 1: DUT

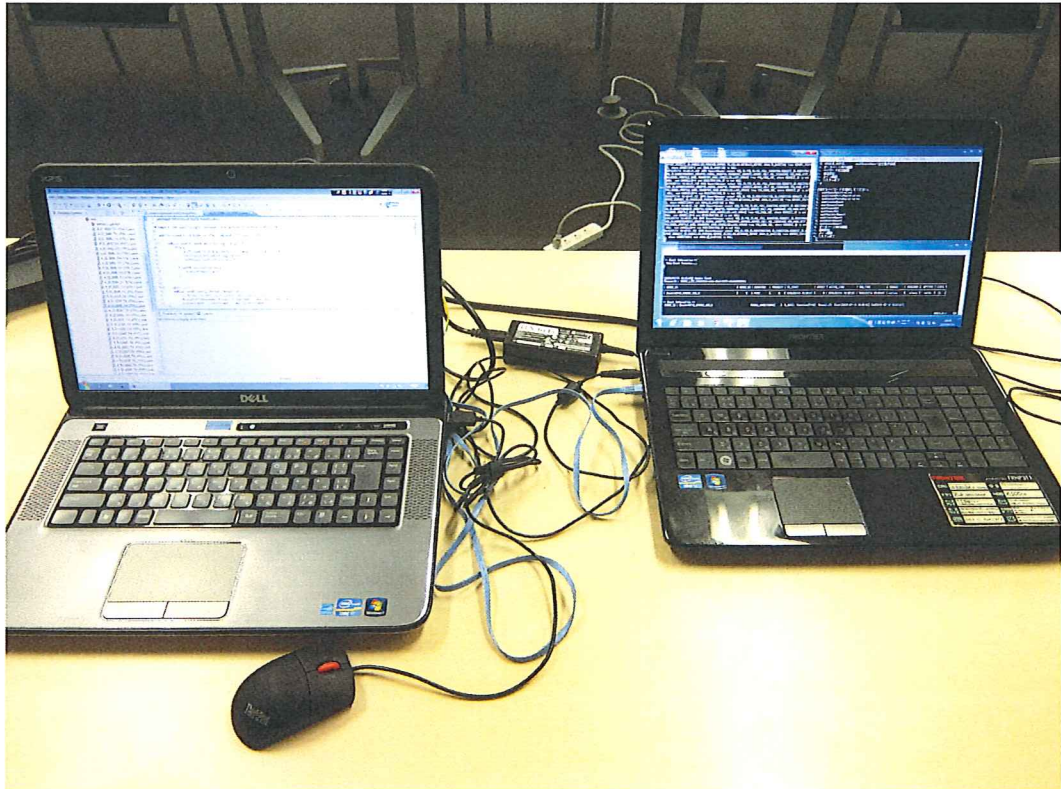


Photo 2: Test Setup