

# Siemens Canada Limited TEST REPORT

**SCOPE OF WORK**

OPENADR 2.0B VTN – HTTP PULL AND PUSH AND XMPP PUSH – SIEMENS CANADA LIMITED –  
SIEMENS AG OPENADR ADAPTER 2.1.1 - PASSED

**REPORT NUMBER**

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## TEST REPORT

19-October-2018

Intertek Report No. 1005292636PLS-002  
Intertek Project No. GIN # (G103685109)

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**Subject:** OpenADR 2.0B VTN-HTTP Pull and HTTP Push and XMPP Push test results of the SIEMENS AG OPENADR ADAPTER V2.1.1

Dear Mr. Jason Hannah,

This test report for the *Siemens AG OpenADR Adapter v. 2.1.1* represents the results of our evaluation of the above referenced product(s) to the requirements contained in the following standards:

### METHODS

#### DESCRIPTION OF TEST METHODS AND STANDARDS

OpenADR 2.0B VTN- HTTP Pull and HTTP Push and XMPP Push

Test Harness Version 1.1.2

Security Level - Standard

### SUBMITTED DEVICE

Product Type	Product Name	Firmware Version	Model Number
VTN	OpenADR Adapter	2.1.1	N/A

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## TEST REPORT

### TEST ENVIRONMENT

Lab Setup	Connection	DUT	Environment Used
Virtual Machine	VPN Connection to Workstation	UI	X

### TEST EQUIPMENT

Test Tool	Manufacturer	Model Number	Version/Errata
Test Harness	Quality Logic	OpenADR2.0B CertTest	1.1.2

### WAIVERS GRANTED BY OPENADR ALLIANCE

Test Case(s)	Failure	OpenADR Response	OpenADR Approver
None			

**TEST REPORT**

**Interpretation of test results:**

Results of the tests carried out by Intertek Testing Services NA, Inc. are described as follows: “**Pass**” indicates the device under test (DUT) was verified against a set of defined prerequisites, test scenarios consisting of a sequence of VEN/VTN message exchanges and has conformed to the expected results set forth by the OpenADR Alliance. “**Fail**” indicates the DUT has not met conformance set forth by the OpenADR Alliance due to a test case scenario failing to run to completion, payload schema validation, conformance rule validation failure or other problems. “**NA**” indicates the test case is not applicable to the DUT, is optional or is marked as NA in the test harness tool. Test cases that are not supported by the DUT will not be listed.

TESTED <18-November-2018>

**Test Case Result - HTTP Pull**

Test Case Name	Result	Log
N1_0020_TH_VEN	PASS	View Log TraceLog_101718_105132_102.txt
N1_0050_TH_VEN	PASS	View Log TraceLog_101718_105237_521.txt
N1_0060_TH_VEN	PASS	View Log TraceLog_101718_105351_908.txt
N1_0065_TH_VEN	PASS	View Log TraceLog_101718_105443_428.txt
N1_0015_TH_VEN	PASS	View Log TraceLog_101718_105528_386.txt
N1_0040_TH_VEN	PASS	View Log TraceLog_101718_105602_977.txt
N1_0010_TH_VEN	PASS	View Log TraceLog_101718_105701_893.txt
N1_0080_TH_VEN	PASS	View Log TraceLog_101718_105735_713.txt
N1_0025_TH_VEN	PASS	View Log TraceLog_101718_105836_388.txt
N1_0020_TH_VEN	PASS	View Log TraceLog_101718_105929_917.txt
N1_0030_TH_VEN	PASS	View Log TraceLog_101718_110027_728.txt
N1_0020_TH_VEN	PASS	View Log TraceLog_101718_110104_920.txt
N1_0070_TH_VEN	PASS	View Log TraceLog_101718_110202_104.txt
N1_0020_TH_VEN	PASS	View Log TraceLog_101718_110255_308.txt
R1_3010_TH_VEN	PASS	View Log TraceLog_101718_110359_632.txt
R1_3020_TH_VEN	PASS	View Log TraceLog_101718_110447_619.txt

**TEST REPORT**

Test Case Name	Result	Log
R1_3025_TH_VEN	PASS	View Log TraceLog_101718_110701_893.txt
R1_3027_TH_VEN	PASS	View Log TraceLog_101718_110823_658.txt
R1_3030_TH_VEN	PASS	View Log TraceLog_101718_111021_699.txt
R1_3040_TH_VEN	PASS	View Log TraceLog_101718_111355_038.txt
R1_3045_TH_VEN	PASS	View Log TraceLog_101718_111515_038.txt
R1_3070_TH_VEN	PASS	View Log TraceLog_101718_111902_836.txt
R1_3130_TH_VEN	PASS	View Log TraceLog_101718_112201_426.txt
R1_3140_TH_VEN	PASS	View Log TraceLog_101718_112453_705.txt
R1_3150_TH_VEN	PASS	View Log TraceLog_101718_113159_007.txt
R1_3160_TH_VEN	PASS	View Log TraceLog_101718_113253_993.txt
R1_3170_TH_VEN	NA	View Log TraceLog_101718_113701_900.txt
R1_3180_TH_VEN	PASS	View Log TraceLog_101718_113714_531.txt
R1_3190_TH_VEN	PASS	View Log TraceLog_101718_113923_723.txt
P1_2010_TH_VEN	PASS	View Log TraceLog_101718_114443_927.txt
P1_2015_TH_VEN	PASS	View Log TraceLog_101718_114510_733.txt
P1_2020_TH_VEN	PASS	View Log TraceLog_101718_114535_775.txt
P1_2030_TH_VEN	PASS	View Log TraceLog_101718_114611_781.txt
P1_2040_TH_VEN	PASS	View Log TraceLog_101718_114646_398.txt
P1_2050_TH_VEN	PASS	View Log TraceLog_101718_114726_553.txt
A_E3_0420_TH_VEN	PASS	View Log TraceLog_101718_114828_489.txt
A_E3_0430_TH_VEN	PASS	View Log TraceLog_101718_115129_300.txt
A_E3_0432_TH_VEN	PASS	View Log TraceLog_101718_115205_364.txt
A_E3_0435_TH_VEN	PASS	View Log TraceLog_101718_115301_160.txt
A_E3_0440_TH_VEN	PASS	View Log TraceLog_101718_115406_474.txt
A_E3_0450_TH_VEN	PASS	View Log TraceLog_101718_115513_455.txt

**TEST REPORT**

Test Case Name	Result	Log
A_E3_0452_TH_VEN	PASS	View Log TraceLog_101718_115625_743.txt
A_E3_0454_TH_VEN	PASS	View Log TraceLog_101718_115715_140.txt
A_E3_0470_TH_VEN	PASS	View Log TraceLog_101718_115853_239.txt
A_E3_0474_TH_VEN	PASS	View Log TraceLog_101718_120016_163.txt
A_E3_0484_TH_VEN	PASS	View Log TraceLog_101718_120213_783.txt
A_E3_0490_TH_VEN	PASS	View Log TraceLog_101718_120312_955.txt
A_E3_0492_TH_VEN	PASS	View Log TraceLog_101718_120441_683.txt
A_E3_0494_TH_VEN	PASS	View Log TraceLog_101718_120604_879.txt
A_E3_0496_TH_VEN	PASS	View Log TraceLog_101718_120727_169.txt
A_E3_0500_TH_VEN	PASS	View Log TraceLog_101718_120902_690.txt
A_E3_0510_TH_VEN	PASS	View Log TraceLog_101718_120955_138.txt
A_E3_0525_TH_VEN	PASS	View Log TraceLog_101718_121128_886.txt
A_E3_0655_TH_VEN	PASS	View Log TraceLog_101718_121501_707.txt
A_E3_0657_TH_VEN	PASS	View Log TraceLog_101718_121732_117.txt
A_E3_0680_TH_VEN	PASS	View Log TraceLog_101718_121859_513.txt
A_E3_0710_TH_VEN	PASS	View Log TraceLog_101718_122147_314.txt
A_E3_0720_TH_VEN	PASS	View Log TraceLog_101718_122246_600.txt
A_E3_0730_TH_VEN	PASS	View Log TraceLog_101718_122400_422.txt
A_E3_0750_TH_VEN	PASS	View Log TraceLog_101718_122449_644.txt
A_E3_0780_TH_VEN	PASS	View Log TraceLog_101718_122556_033.txt
E1_1010_TH_VEN	PASS	View Log TraceLog_101718_122655_747.txt
E1_1020_TH_VEN	PASS	View Log TraceLog_101718_122743_970.txt
E1_1025_TH_VEN	PASS	View Log TraceLog_101718_122841_420.txt
E1_1027_TH_VEN	PASS	View Log TraceLog_101718_123241_237.txt
E1_1030_TH_VEN	PASS	View Log TraceLog_101718_123337_261.txt

**TEST REPORT**

Test Case Name	Result	Log
E1_1040_TH_VEN	PASS	View Log TraceLog_101718_123530_051.txt
E1_1050_TH_VEN	PASS	View Log TraceLog_101718_123633_758.txt
E1_1055_TH_VEN	PASS	View Log TraceLog_101718_123815_679.txt
E1_1060_TH_VEN	PASS	View Log TraceLog_101718_123920_963.txt
E1_1065_TH_VEN	PASS	View Log TraceLog_101718_124025_455.txt
E1_1070_TH_VEN	NA	View Log TraceLog_101718_124238_300.txt
E1_1080_TH_VEN	PASS	View Log TraceLog_101718_124252_346.txt
E1_1090_TH_VEN	NA	View Log TraceLog_101718_124424_034.txt
G1_4005_TH_VEN	PASS	View Log TraceLog_101718_124742_451.txt
G1_4007_TH_VEN	PASS	View Log TraceLog_101718_125009_700.txt
G1_4010_TH_VEN	PASS	View Log TraceLog_101718_125221_430.txt
G1_4011_TH_VEN	PASS	View Log TraceLog_101718_125348_794.txt
G1_4012_TH_VEN	PASS	View Log TraceLog_101718_125415_960.txt
G1_4030_TH_VEN	PASS	View Log TraceLog_101718_125817_680.txt
G1_4020_TH_VEN_1	PASS	View Log TraceLog_101718_125938_256.txt
N1_0020_TH_VEN	PASS	View Log TraceLog_101718_131517_080.txt
E1_1025_TH_VEN	PASS	View Log TraceLog_101718_132239_505.txt
E1_1030_TH_VEN	PASS	View Log TraceLog_101718_132544_510.txt

**Test Case Result - HTTP Push**

Test Case Name	Result	Log
N0_5020_TH_VEN	PASS	View Log TraceLog_101818_083844_145.txt
N0_5050_TH_VEN_1	PASS	View Log TraceLog_101818_083951_478.txt
N0_5060_TH_VEN	PASS	View Log TraceLog_101818_084530_655.txt

**TEST REPORT**

Test Case Name	Result	Log
N0_5065_TH_VEN	PASS	View Log TraceLog_101818_084623_463.txt
N0_5015_TH_VEN	PASS	View Log TraceLog_101818_084704_779.txt
N0_5040_TH_VEN_1	PASS	View Log TraceLog_101818_084754_902.txt
N0_5010_TH_VEN	PASS	View Log TraceLog_101818_084838_877.txt
N0_5080_TH_VEN	PASS	View Log TraceLog_101818_084911_122.txt
N0_5025_TH_VEN	PASS	View Log TraceLog_101818_084959_075.txt
N0_5020_TH_VEN	PASS	View Log TraceLog_101818_085050_994.txt
N0_5030_TH_VEN	PASS	View Log TraceLog_101818_085153_601.txt
N0_5020_TH_VEN	PASS	View Log TraceLog_101818_085229_110.txt
N0_5070_TH_VEN	PASS	View Log TraceLog_101818_085325_767.txt
R0_8010_TH_VEN_1	PASS	View Log TraceLog_101818_085649_713.txt
R0_8020_TH_VEN_1	PASS	View Log TraceLog_101818_085913_643.txt
R0_8025_TH_VEN_1	PASS	View Log TraceLog_101818_090109_789.txt
R0_8027_TH_VEN_1	PASS	View Log TraceLog_101818_090210_409.txt
R0_8030_TH_VEN_1	PASS	View Log TraceLog_101818_090452_806.txt
R0_8040_TH_VEN_1	PASS	View Log TraceLog_101818_090717_230.txt
R0_8045_TH_VEN_1	PASS	View Log TraceLog_101818_090837_312.txt
R0_8070_TH_VEN	PASS	View Log TraceLog_101818_091016_909.txt
R0_8150_TH_VEN_1	PASS	View Log TraceLog_101818_091132_900.txt
R0_8160_TH_VEN_1	PASS	View Log TraceLog_101818_091228_809.txt
R0_8170_TH_VEN_1	NA	View Log TraceLog_101818_091630_024.txt
R0_8180_TH_VEN_1	PASS	View Log TraceLog_101818_091644_524.txt
R0_8190_TH_VEN_1	PASS	View Log TraceLog_101818_091842_027.txt
R0_8130_TH_VEN_1	PASS	View Log TraceLog_101818_092055_372.txt
R0_8140_TH_VEN_1	PASS	View Log TraceLog_101818_092211_382.txt



**TEST REPORT**

Test Case Name	Result	Log
P0_7010_TH_VEN	PASS	View Log TraceLog_101818_092427_144.txt
P0_7015_TH_VEN	PASS	View Log TraceLog_101818_092453_630.txt
P0_7020_TH_VEN	PASS	View Log TraceLog_101818_092522_020.txt
P0_7030_TH_VEN	PASS	View Log TraceLog_101818_092601_475.txt
P0_7040_TH_VEN	PASS	View Log TraceLog_101818_092637_627.txt
P0_7050_TH_VEN	PASS	View Log TraceLog_101818_092721_987.txt
A_E2_0430_TH_VEN_1	PASS	View Log TraceLog_101818_092822_702.txt
A_E2_0432_TH_VEN_1	PASS	View Log TraceLog_101818_093014_676.txt
A_E2_0435_TH_VEN_1	PASS	View Log TraceLog_101818_093706_489.txt
A_E2_0440_TH_VEN_1	PASS	View Log TraceLog_101818_094236_459.txt
A_E2_0450_TH_VEN_1	PASS	View Log TraceLog_101818_094326_735.txt
A_E2_0452_TH_VEN_1	PASS	View Log TraceLog_101818_094439_019.txt
A_E2_0454_TH_VEN_1	PASS	View Log TraceLog_101818_094551_364.txt
A_E2_0470_TH_VEN_1	PASS	View Log TraceLog_101818_094704_620.txt
A_E2_0474_TH_VEN_1	PASS	View Log TraceLog_101818_094841_912.txt
A_E2_0484_TH_VEN_1	PASS	View Log TraceLog_101818_095110_084.txt
A_E2_0490_TH_VEN_1	PASS	View Log TraceLog_101818_095333_886.txt
A_E2_0492_TH_VEN_1	PASS	View Log TraceLog_101818_095534_243.txt
A_E2_0494_TH_VEN_1	PASS	View Log TraceLog_101818_095720_649.txt
A_E2_0496_TH_VEN_1	PASS	View Log TraceLog_101818_095855_785.txt
A_E2_0500_TH_VEN_1	PASS	View Log TraceLog_101818_100116_614.txt
A_E2_0510_TH_VEN_1	PASS	View Log TraceLog_101818_100244_556.txt
A_E2_0525_TH_VEN_1	PASS	View Log TraceLog_101818_100414_870.txt
A_E2_0657_TH_VEN_1	PASS	View Log TraceLog_101818_100634_954.txt
A_E2_0680_TH_VEN_1	PASS	View Log TraceLog_101818_101053_978.txt

**TEST REPORT**

Test Case Name	Result	Log
A_E2_0710_TH_VEN_1	PASS	View Log TraceLog_101818_101326_766.txt
A_E2_0720_TH_VEN_1	PASS	View Log TraceLog_101818_101524_718.txt
A_E2_0730_TH_VEN_1	PASS	View Log TraceLog_101818_101720_499.txt
A_E2_0750_TH_VEN_1	PASS	View Log TraceLog_101818_101854_785.txt
A_E2_0780_TH_VEN_1	PASS	View Log TraceLog_101818_102018_662.txt
E0_6010_TH_VEN_1	PASS	View Log TraceLog_101818_102205_665.txt
E0_6020_TH_VEN_1	PASS	View Log TraceLog_101818_102452_478.txt
E0_6025_TH_VEN_1	PASS	View Log TraceLog_101818_102800_891.txt
E0_6027_TH_VEN_1	PASS	View Log TraceLog_101818_102933_482.txt
E0_6030_TH_VEN_1	PASS	View Log TraceLog_101818_103108_654.txt
E0_6040_TH_VEN_1	PASS	View Log TraceLog_101818_103324_160.txt
E0_6050_TH_VEN	PASS	View Log TraceLog_101818_103704_626.txt
E0_6055_TH_VEN_1	PASS	View Log TraceLog_101818_103756_052.txt
E0_6060_TH_VEN_1	PASS	View Log TraceLog_101818_103918_809.txt
E0_6065_TH_VEN_1	PASS	View Log TraceLog_101818_104052_698.txt
E0_6070_TH_VEN_1	NA	View Log TraceLog_101818_104410_445.txt
N0_5020_TH_VEN	PASS	View Log TraceLog_101818_104820_656.txt
E0_6080_TH_VEN_1	PASS	View Log TraceLog_101818_104924_391.txt
E0_6090_TH_VEN_1	NA	View Log TraceLog_101818_105045_161.txt
N0_5020_TH_VEN	PASS	View Log TraceLog_101818_105306_107.txt
G0_9005_TH_VEN_1	PASS	View Log TraceLog_101818_105411_605.txt
G0_9010_TH_VEN_1	PASS	View Log TraceLog_101818_105622_373.txt
G0_9030_TH_VEN_1	PASS	View Log TraceLog_101818_105745_939.txt
G0_9020_TH_VEN_1	PASS	View Log TraceLog_101818_110031_709.txt
N0_5020_TH_VEN	PASS	View Log TraceLog_101818_110516_169.txt

**TEST REPORT**

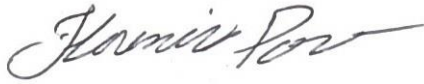
Test Case Name	Result	Log
N0_5015_TH_VEN	PASS	View Log TraceLog_101818_110615_163.txt
E0_6010_TH_VEN_1	PASS	View Log TraceLog_101818_111024_410.txt

**Test Case Result – XMPP Push**

Test Case Name	Result	Log
N0_5020_TH_VEN	PASS	View Log TraceLog_101818_113348_448.txt
N0_5015_TH_VEN	PASS	View Log TraceLog_101818_113453_542.txt
N0_5060_TH_VEN	PASS	View Log TraceLog_101818_113519_489.txt
N0_5065_TH_VEN	PASS	View Log TraceLog_101818_113555_913.txt
R0_8025_TH_VEN_1	PASS	View Log TraceLog_101818_114053_237.txt
R0_8040_TH_VEN_1	PASS	View Log TraceLog_101818_114143_073.txt
R0_8030_TH_VEN_1	PASS	View Log TraceLog_101818_114302_845.txt
R0_8150_TH_VEN_1	PASS	View Log TraceLog_101818_114556_785.txt
P0_7015_TH_VEN	PASS	View Log TraceLog_101818_114724_366.txt
P0_7020_TH_VEN	PASS	View Log TraceLog_101818_114751_807.txt
P0_7030_TH_VEN	PASS	View Log TraceLog_101818_114834_023.txt
P0_7040_TH_VEN	PASS	View Log TraceLog_101818_114906_098.txt
A_E2_0440_TH_VEN_1	PASS	View Log TraceLog_101818_114957_641.txt
A_E2_0525_TH_VEN_1	PASS	View Log TraceLog_101818_115202_928.txt
E0_6020_TH_VEN_1	PASS	View Log TraceLog_101818_115442_187.txt
E0_6040_TH_VEN_1	PASS	View Log TraceLog_101818_115554_235.txt
G0_9005_TH_VEN_1	PASS	View Log TraceLog_101818_115715_606.txt
G0_9010_TH_VEN_1	PASS	View Log TraceLog_101818_115825_848.txt

**TEST REPORT**

**REPORT AUTHORIZED**



Florencio Ponce

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Engineer



Tara Layton

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Reviewer