

Cortexo Limited

TEST REPORT

SCOPE OF WORK

OPENADR 2.0B VTN – HTTP PULL & PUSH– CORTEXO LIMITED - CORTEXO VTN V1.0
- PASSED

REPORT NUMBER

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TEST REPORT

28-February-2024

Intertek Report No. 1007629857MP-001
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Terry Paddy
Cortexo Limited
P.O. Box 714
Christchurch
New Zealand, 8140
terry.paddy@cortexo.com

Ph: +64 3 9611731

Subject: OpenADR 2.0B VTN-HTTP Pull test results of the CORTEXO VTN V1.0

Dear Mr. Terry Paddy,

This test report for the *CORTEXO VTN V1.0* 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 Push
Test Harness Version 1.1.7
Security Level - Standard

SUBMITTED DEVICE

Product Type	Product Name	Firmware Version	Model Number
VTN	Cortexo VTN	1.0	N/A

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TEST REPORT**TEST ENVIRONMENT**

Lab Setup	Connection	DUT	Environment Used
Virtual Machine	Remote Desktop Connection	UI	X

TEST EQUIPMENT

Test Tool	Manufacturer	Model Number	Version/Errata
Test Harness	Quality Logic	OpenADR2.0aCertTest	1.1.7

WAIVERS GRANTED BY OPENADR ALLIANCE

Test Case(s)	OpenADR Approver
Because Cortexo VTN operates in a closed system, a waiver is granted to certify 2.0b without 2.0a.	Rolf Bienert

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 <26-Feb-2024 to 27-Feb-2024>

Test Case Results – VTN Pull

Test Case Name	Result	Log
N1_0010_TH_VEN	PASS	View Log TraceLog_022624_084206_443.txt
N1_0080_TH_VEN	PASS	View Log TraceLog_022624_084248_753.txt
N1_0020_TH_VEN	PASS	View Log TraceLog_022624_084358_335.txt
N1_0015_TH_VEN	PASS	View Log TraceLog_022624_084611_990.txt
N1_0050_TH_VEN	PASS	View Log TraceLog_022624_084705_750.txt
N1_0060_TH_VEN	PASS	View Log TraceLog_022624_084921_579.txt
N1_0065_TH_VEN	PASS	View Log TraceLog_022624_085313_909.txt
N1_0070_TH_VEN	PASS	View Log TraceLog_022624_085420_212.txt
N1_0030_TH_VEN	PASS	View Log TraceLog_022624_085705_924.txt
N1_0025_TH_VEN	PASS	View Log TraceLog_022624_085806_465.txt
N1_0040_TH_VEN	PASS	View Log TraceLog_022624_085927_663.txt
R1_3010_TH_VEN	PASS	View Log TraceLog_022624_090328_128.txt
R1_3020_TH_VEN	PASS	View Log TraceLog_022624_090502_310.txt
R1_3025_TH_VEN	PASS	View Log TraceLog_022624_090711_311.txt
R1_3027_TH_VEN	PASS	View Log TraceLog_022624_091126_106.txt

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Test Case Name	Result	Log
R1_3030_TH_VEN	PASS	View Log TraceLog_022624_091328_931.txt
R1_3040_TH_VEN	PASS	View Log TraceLog_022624_091803_489.txt
R1_3045_TH_VEN	PASS	View Log TraceLog_022624_091912_201.txt
R1_3070_TH_VEN	PASS	View Log TraceLog_022624_092227_421.txt
R1_3130_TH_VEN	PASS	View Log TraceLog_022624_092357_970.txt
R1_3150_TH_VEN	PASS	View Log TraceLog_022624_092522_803.txt
R1_3160_TH_VEN	PASS	View Log TraceLog_022624_093158_566.txt
R1_3170_TH_VEN	NA	View Log TraceLog_022624_093547_756.txt
R1_3180_TH_VEN	PASS	View Log TraceLog_022624_093606_214.txt
R1_3190_TH_VEN	PASS	View Log TraceLog_022624_093803_881.txt
P1_2010_TH_VEN	PASS	View Log TraceLog_022624_094944_791.txt
P1_2015_TH_VEN	PASS	View Log TraceLog_022624_095018_586.txt
P1_2020_TH_VEN	PASS	View Log TraceLog_022624_095058_136.txt
P1_2030_TH_VEN	PASS	View Log TraceLog_022624_095155_236.txt
P1_2040_TH_VEN	PASS	View Log TraceLog_022624_095246_272.txt
P1_2050_TH_VEN	PASS	View Log TraceLog_022624_095323_216.txt
A_E3_0420_TH_VEN	PASS	View Log TraceLog_022624_100201_324.txt
A_E3_0430_TH_VEN	PASS	View Log TraceLog_022624_100536_209.txt
A_E3_0432_TH_VEN	PASS	View Log TraceLog_022624_100714_005.txt
A_E3_0435_TH_VEN	PASS	View Log TraceLog_022624_100850_986.txt
A_E3_0440_TH_VEN	PASS	View Log TraceLog_022624_101125_793.txt
A_E3_0450_TH_VEN	PASS	View Log TraceLog_022624_101354_270.txt
A_E3_0452_TH_VEN	PASS	View Log TraceLog_022624_101507_387.txt
A_E3_0454_TH_VEN	PASS	View Log TraceLog_022624_102306_315.txt
A_E3_0470_TH_VEN	PASS	View Log TraceLog_022624_102706_449.txt

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Test Case Name	Result	Log
A_E3_0474_TH_VEN	PASS	View Log TraceLog_022624_102904_049.txt
A_E3_0484_TH_VEN	PASS	View Log TraceLog_022624_103402_424.txt
A_E3_0490_TH_VEN	PASS	View Log TraceLog_022624_104119_384.txt
A_E3_0492_TH_VEN	PASS	View Log TraceLog_022624_104512_889.txt
A_E3_0494_TH_VEN	PASS	View Log TraceLog_022624_104649_963.txt
A_E3_0496_TH_VEN	PASS	View Log TraceLog_022624_104835_575.txt
A_E3_0500_TH_VEN	PASS	View Log TraceLog_022624_110119_381.txt
A_E3_0510_TH_VEN	PASS	View Log TraceLog_022624_110227_577.txt
A_E3_0525_TH_VEN	PASS	View Log TraceLog_022624_110514_119.txt
A_E3_0655_TH_VEN	PASS	View Log TraceLog_022624_110934_771.txt
A_E3_0657_TH_VEN	PASS	View Log TraceLog_022624_111513_081.txt
A_E3_0680_TH_VEN	PASS	View Log TraceLog_022624_112123_750.txt
A_E3_0710_TH_VEN	PASS	View Log TraceLog_022624_112750_687.txt
A_E3_0720_TH_VEN	PASS	View Log TraceLog_022624_113054_135.txt
A_E3_0730_TH_VEN	PASS	View Log TraceLog_022624_113505_401.txt
A_E3_0750_TH_VEN	PASS	View Log TraceLog_022624_113906_115.txt
A_E3_0780_TH_VEN	PASS	View Log TraceLog_022624_114116_236.txt
E1_1010_TH_VEN	PASS	View Log TraceLog_022624_114503_936.txt
E1_1020_TH_VEN	PASS	View Log TraceLog_022624_114650_496.txt
E1_1025_TH_VEN	PASS	View Log TraceLog_022624_114838_802.txt
E1_1027_TH_VEN	PASS	View Log TraceLog_022624_115328_410.txt
E1_1030_TH_VEN	PASS	View Log TraceLog_022624_115535_492.txt
E1_1040_TH_VEN	PASS	View Log TraceLog_022624_115721_419.txt
E1_1050_TH_VEN	PASS	View Log TraceLog_022624_124903_850.txt
E1_1055_TH_VEN	PASS	View Log TraceLog_022624_125011_763.txt

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Test Case Name	Result	Log
E1_1060_TH_VEN	PASS	View Log TraceLog_022624_125301_274.txt
E1_1065_TH_VEN	PASS	View Log TraceLog_022624_130827_113.txt
E1_1070_TH_VEN	NA	View Log TraceLog_022624_131811_879.txt
E1_1080_TH_VEN	PASS	View Log TraceLog_022624_131836_714.txt
E1_1090_TH_VEN	NA	View Log TraceLog_022624_132001_311.txt
G1_4005_TH_VEN	PASS	View Log TraceLog_022624_132439_903.txt
G1_4010_TH_VEN	PASS	View Log TraceLog_022624_132701_906.txt
G1_4012_TH_VEN	PASS	View Log TraceLog_022624_132904_668.txt
G1_4030_TH_VEN	PASS	View Log TraceLog_022624_133545_573.txt
G1_4007_TH_VEN	PASS	View Log TraceLog_022624_133718_153.txt

Test Case Results – VTN Push

Test Case Name	Result	Log
N0_5010_TH_VEN	PASS	View Log TraceLog_022624_135104_786.txt
N0_5080_TH_VEN	PASS	View Log TraceLog_022624_135256_262.txt
N0_5020_TH_VEN	PASS	View Log TraceLog_022624_152942_972.txt
N0_5015_TH_VEN	PASS	View Log TraceLog_022624_153125_318.txt
N0_5050_TH_VEN_1	PASS	View Log TraceLog_022624_153351_982.txt
N0_5060_TH_VEN	PASS	View Log TraceLog_022624_153512_061.txt
N0_5065_TH_VEN	PASS	View Log TraceLog_022624_153632_694.txt
N0_5070_TH_VEN	PASS	View Log TraceLog_022624_153721_305.txt
N0_5030_TH_VEN	PASS	View Log TraceLog_022624_154034_870.txt
N0_5040_TH_VEN_1	PASS	View Log TraceLog_022624_154304_856.txt

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Test Case Name	Result	Log
N0_5025_TH_VEN	PASS	View Log TraceLog_022624_154429_405.txt
R0_8010_TH_VEN_1	PASS	View Log TraceLog_022724_081038_502.txt
R0_8020_TH_VEN_1	PASS	View Log TraceLog_022724_081150_720.txt
R0_8025_TH_VEN_1	PASS	View Log TraceLog_022724_081408_020.txt
R0_8027_TH_VEN_1	PASS	View Log TraceLog_022724_081751_079.txt
R0_8030_TH_VEN_1	PASS	View Log TraceLog_022724_082217_961.txt
R0_8040_TH_VEN_1	PASS	View Log TraceLog_022724_082527_353.txt
R0_8045_TH_VEN_1	PASS	View Log TraceLog_022724_082641_410.txt
R0_8070_TH_VEN	PASS	View Log TraceLog_022724_082854_056.txt
R0_8130_TH_VEN_1	PASS	View Log TraceLog_022724_083021_606.txt
R0_8150_TH_VEN_1	PASS	View Log TraceLog_022724_083132_489.txt
R0_8160_TH_VEN_1	PASS	View Log TraceLog_022724_083311_210.txt
R0_8170_TH_VEN_1	NA	View Log TraceLog_022724_083807_701.txt
R0_8180_TH_VEN_1	PASS	View Log TraceLog_022724_083833_699.txt
R0_8190_TH_VEN_1	PASS	View Log TraceLog_022724_084000_098.txt
P0_7010_TH_VEN	PASS	View Log TraceLog_022724_084235_534.txt
P0_7015_TH_VEN	PASS	View Log TraceLog_022724_084509_417.txt
P0_7020_TH_VEN	PASS	View Log TraceLog_022724_084758_324.txt
P0_7030_TH_VEN	PASS	View Log TraceLog_022724_085054_203.txt
P0_7040_TH_VEN	PASS	View Log TraceLog_022724_085130_313.txt
P0_7050_TH_VEN	PASS	View Log TraceLog_022724_085206_168.txt
A_E2_0430_TH_VEN_1	PASS	View Log TraceLog_022724_085641_659.txt
A_E2_0432_TH_VEN_1	PASS	View Log TraceLog_022724_085921_314.txt
A_E2_0435_TH_VEN_1	PASS	View Log TraceLog_022724_090129_039.txt
A_E2_0440_TH_VEN_1	PASS	View Log TraceLog_022724_090653_718.txt

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Test Case Name	Result	Log
A_E2_0450_TH_VEN_1	PASS	View Log TraceLog_022724_090904_434.txt
A_E2_0452_TH_VEN_1	PASS	View Log TraceLog_022724_091046_604.txt
A_E2_0454_TH_VEN_1	PASS	View Log TraceLog_022724_091224_785.txt
A_E2_0470_TH_VEN_1	PASS	View Log TraceLog_022724_091449_419.txt
A_E2_0474_TH_VEN_1	PASS	View Log TraceLog_022724_091706_722.txt
A_E2_0484_TH_VEN_1	PASS	View Log TraceLog_022724_092411_521.txt
A_E2_0490_TH_VEN_1	PASS	View Log TraceLog_022724_092617_925.txt
A_E2_0492_TH_VEN_1	PASS	View Log TraceLog_022724_092850_000.txt
A_E2_0494_TH_VEN_1	PASS	View Log TraceLog_022724_093452_338.txt
A_E2_0496_TH_VEN_1	PASS	View Log TraceLog_022724_095133_122.txt
A_E2_0500_TH_VEN_1	PASS	View Log TraceLog_022724_095508_090.txt
A_E2_0510_TH_VEN_1	PASS	View Log TraceLog_022724_100707_269.txt
A_E2_0525_TH_VEN_1	PASS	View Log TraceLog_022724_100830_269.txt
A_E2_0657_TH_VEN_1	PASS	View Log TraceLog_022724_101231_185.txt
A_E2_0680_TH_VEN_1	PASS	View Log TraceLog_022724_101635_052.txt
A_E2_0710_TH_VEN_1	PASS	View Log TraceLog_022724_103248_259.txt
A_E2_0720_TH_VEN_1	PASS	View Log TraceLog_022724_103421_294.txt
A_E2_0730_TH_VEN_1	PASS	View Log TraceLog_022724_103739_926.txt
A_E2_0750_TH_VEN_1	PASS	View Log TraceLog_022724_104137_659.txt
A_E2_0780_TH_VEN_1	PASS	View Log TraceLog_022724_104313_984.txt
E0_6020_TH_VEN_1	PASS	View Log TraceLog_022724_112501_031.txt
E0_6025_TH_VEN_1	PASS	View Log TraceLog_022724_112619_617.txt
E0_6027_TH_VEN_1	PASS	View Log TraceLog_022724_112733_996.txt
E0_6030_TH_VEN_1	PASS	View Log TraceLog_022724_112848_719.txt
E0_6040_TH_VEN_1	PASS	View Log TraceLog_022724_113033_099.txt

TEST REPORT

Test Case Name	Result	Log
E0_6050_TH_VEN	PASS	View Log TraceLog_022724_113133_285.txt
E0_6055_TH_VEN_1	PASS	View Log TraceLog_022724_113239_159.txt
E0_6060_TH_VEN_1	PASS	View Log TraceLog_022724_113410_290.txt
E0_6065_TH_VEN_1	PASS	View Log TraceLog_022724_113618_184.txt
E0_6070_TH_VEN_1	NA	View Log TraceLog_022724_114110_641.txt
E0_6080_TH_VEN_1	PASS	View Log TraceLog_022724_114220_530.txt
E0_6090_TH_VEN_1	NA	View Log TraceLog_022724_114403_235.txt
G0_9005_TH_VEN_1	PASS	View Log TraceLog_022724_114901_767.txt
G0_9010_TH_VEN_1	PASS	View Log TraceLog_022724_115102_238.txt
G0_9030_TH_VEN_1	PASS	View Log TraceLog_022724_115324_552.txt

REPORT AUTHORIZED



Florencio Ponce

Engineer



Vincent Brooks

Reviewer