

Encycle Corporation **TEST REPORT**

SCOPE OF WORK

OPENADR 2.0B VEN – HTTP PULL – ENCYCLE CORPORATION - SWARMSTAT V1.14 - PASSED

REPORT NUMBER

1005738907MP-001

ISSUE DATE

20-September-2019

PAGES

8

DOCUMENT CONTROL NUMBER

GFT-OP-10h (6-July-2017)

© 2019 INTERTEK



TEST REPORT

20-September-2019

Intertek Report No. 1005738907MP-001
Intertek Project No. GIN # (G104075775)

Kenneth Antonio
Encycle Corporation
21 Atlantic Ave
Toronto, ON M6K3E7
Kenneth.antonio@encycle.com

Ph: +1 647-933-9263

Subject: OpenADR 2.0b VEN-HTTP Pull test results of the SWARMSTAT V1.14

Dear Mr. Kenneth Antonio,

This test report for the *SwarmStat V1.14* 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 VEN- HTTP Pull
Test Harness Version 1.1.4
Security Level - Standard

SUBMITTED DEVICE

Product Type	Product Name	Firmware Version	Model Number
VEN HTTP Pull	SwarmStat	1.14	N/A

This report is for the exclusive use of Intertek's Client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this report. Only the Client is authorized to permit copying or distribution of this report and then only in its entirety. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. The observations and test results in this report are relevant only to the sample tested. This report by itself does not imply that the material, product, or service is or has ever been under an Intertek certification program.

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	OpenADR2.0bCertTest	1.1.4

WAIVERS GRANTED BY OPENADR ALLIANCE

Test Case(s)	Failure	OpenADR Response	OpenADR Approver
None			

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.

TEST REPORT

TESTED <17-September-2019 to 19-September-2019>

Test Case Result

Test Case Name	Result	Log
N1_0010_TH_VTN_1	PASS	View Log TraceLog_091819_080559_812.txt
N1_0080_TH_VTN_1	NA	View Log TraceLog_091819_081019_150.txt
N1_0020_TH_VTN_1	PASS	View Log TraceLog_091819_081125_149.txt
N1_0015_TH_VTN_1	PASS	View Log TraceLog_091819_081341_043.txt
N1_0050_TH_VTN_1	PASS	View Log TraceLog_091819_081547_538.txt
N1_0065_TH_VTN_1	PASS	View Log TraceLog_091819_081715_038.txt
N1_0060_TH_VTN_1	PASS	View Log TraceLog_091819_081913_320.txt
N1_0040_TH_VTN_1	PASS	View Log TraceLog_091819_082217_576.txt
N1_0025_TH_VTN_1	PASS	View Log TraceLog_091819_082429_824.txt
N1_0030_TH_VTN_1	PASS	View Log TraceLog_091819_082724_478.txt
N1_0070_TH_VTN_1	PASS	View Log TraceLog_091819_083045_640.txt
R1_3010_TH_VTN_1	PASS	View Log TraceLog_091819_083756_214.txt
R1_3020_TH_VTN_1	PASS	View Log TraceLog_091819_083909_186.txt
R1_3025_TH_VTN_1	PASS	View Log TraceLog_091819_084236_960.txt
R1_3027_TH_VTN_1	PASS	View Log TraceLog_091819_085503_900.txt
R1_3030_TH_VTN_1	PASS	View Log TraceLog_091819_085940_581.txt
R1_3040_TH_VTN_1	PASS	View Log TraceLog_091819_090241_096.txt
R1_3045_TH_VTN_1	PASS	View Log TraceLog_091819_090433_265.txt
R1_3150_TH_VTN_1	PASS	View Log TraceLog_091819_090717_249.txt
R1_3160_TH_VTN_1	PASS	View Log TraceLog_091819_090907_255.txt

TEST REPORT

Test Case Name	Result	Log
R1_3170_TH_VTN_1	PASS	View Log TraceLog_091819_091248_015.txt
R1_3180_TH_VTN_1	PASS	View Log TraceLog_091819_091418_441.txt
R1_3190_TH_VTN_1	PASS	View Log TraceLog_091819_091531_512.txt
P1_2010_TH_VTN_1	PASS	View Log TraceLog_091819_092526_094.txt
P1_2015_TH_VTN_1	PASS	View Log TraceLog_091819_093041_069.txt
P1_2020_TH_VTN_1	PASS	View Log TraceLog_091819_093248_719.txt
P1_2030_TH_VTN_1	PASS	View Log TraceLog_091819_093459_238.txt
P1_2040_TH_VTN_1	PASS	View Log TraceLog_091819_094342_045.txt
P1_2050_TH_VTN_1	NA	View Log TraceLog_091819_094640_210.txt
A_E1_0020_TH_VTN_1	PASS	View Log TraceLog_091819_095620_530.txt
A_E1_0040_TH_VTN_1	PASS	View Log TraceLog_091819_095757_336.txt
A_E1_0060_TH_VTN_1	PASS	View Log TraceLog_091819_095927_886.txt
A_E1_0070_TH_VTN_1	PASS	View Log TraceLog_091819_100108_245.txt
A_E1_0082_TH_VTN_1	PASS	View Log TraceLog_091819_100603_719.txt
A_E1_0086_TH_VTN_1	PASS	View Log TraceLog_091819_100708_120.txt
A_E1_0090_TH_VTN_1	PASS	View Log TraceLog_091819_100822_813.txt
A_E1_0092_TH_VTN_1	PASS	View Log TraceLog_091819_101011_363.txt
A_E1_0094_TH_VTN_1	PASS	View Log TraceLog_091819_101218_618.txt
A_E1_0096_TH_VTN_1	PASS	View Log TraceLog_091819_101357_377.txt
A_E1_0098_TH_VTN_1	PASS	View Log TraceLog_091819_101619_372.txt
A_E1_0100_TH_VTN_1	PASS	View Log TraceLog_091819_101914_877.txt
A_E1_0102_TH_VTN_1	PASS	View Log TraceLog_091819_102044_695.txt
A_E1_0104_TH_VTN_1	PASS	View Log TraceLog_091819_102147_740.txt
A_E1_0110_TH_VTN_1	PASS	View Log TraceLog_091819_102346_499.txt
A_E1_0130_TH_VTN_1	PASS	View Log TraceLog_091819_102601_868.txt

TEST REPORT

Test Case Name	Result	Log
A_E1_0180_TH_VTN_1	PASS	View Log TraceLog_091819_102740_924.txt
A_E1_0190_TH_VTN_1	PASS	View Log TraceLog_091819_102947_934.txt
A_E1_0200_TH_VTN_1	PASS	View Log TraceLog_091819_104424_856.txt
A_E1_0210_TH_VTN_1	PASS	View Log TraceLog_091819_104918_984.txt
A_E1_0220_TH_VTN_1	PASS	View Log TraceLog_091819_111439_836.txt
A_E1_0230_TH_VTN_1	PASS	View Log TraceLog_091819_111815_317.txt
A_E1_0240_TH_VTN_1	PASS	View Log TraceLog_091819_112857_994.txt
A_E1_0250_TH_VTN_1	PASS	View Log TraceLog_091819_113212_351.txt
A_E1_0260_TH_VTN_1	PASS	View Log TraceLog_091819_115113_243.txt
A_E1_0260_TH_VTN_1	PASS	View Log TraceLog_091819_115506_085.txt
A_E1_0260_TH_VTN_1	PASS	View Log TraceLog_091819_121512_770.txt
A_E1_0262_TH_VTN_1	PASS	View Log TraceLog_091819_122013_542.txt
A_E1_0262_TH_VTN_1	PASS	View Log TraceLog_091819_123246_066.txt
A_E1_0262_TH_VTN_1	PASS	View Log TraceLog_091819_124056_703.txt
A_E1_0267_TH_VTN_1	PASS	View Log TraceLog_091819_125503_337.txt
A_E1_0267_TH_VTN_1	PASS	View Log TraceLog_091819_130108_112.txt
A_E1_0267_TH_VTN_1	PASS	View Log TraceLog_091819_130636_741.txt
A_E1_0268_TH_VTN_1	PASS	View Log TraceLog_091819_131542_594.txt
A_E1_0268_TH_VTN_1	PASS	View Log TraceLog_091819_132058_126.txt
A_E1_0268_TH_VTN_1	PASS	View Log TraceLog_091819_133436_734.txt
A_E1_0270_TH_VTN_1	PASS	View Log TraceLog_091819_134233_486.txt
A_E1_0280_TH_VTN_1	PASS	View Log TraceLog_091819_135344_987.txt
A_E1_0285_TH_VTN_1	PASS	View Log TraceLog_091819_135608_584.txt
A_E1_0300_TH_VTN_1	PASS	View Log TraceLog_091819_135721_628.txt
A_E1_0310_TH_VTN_1	PASS	View Log TraceLog_091819_135820_969.txt

TEST REPORT

Test Case Name	Result	Log
A_E1_0340_TH_VTN_1	PASS	View Log TraceLog_091819_140000_001.txt
A_E1_0345_TH_VTN_1	PASS	View Log TraceLog_091819_140129_617.txt
A_E1_0360_TH_VTN_1	PASS	View Log TraceLog_091819_143003_831.txt
A_E1_0370_TH_VTN_1	PASS	View Log TraceLog_091819_143433_002.txt
A_E1_0390_TH_VTN_1	PASS	View Log TraceLog_091819_143638_907.txt
A_E1_0392_TH_VTN_1	PASS	View Log TraceLog_091819_143925_163.txt
E1_1010_TH_VTN_1	PASS	View Log TraceLog_091819_145433_023.txt
E1_1020_TH_VTN_1	PASS	View Log TraceLog_091819_145829_324.txt
E1_1025_TH_VTN_1	PASS	View Log TraceLog_091819_150013_531.txt
E1_1027_TH_VTN_1	PASS	View Log TraceLog_091819_150344_894.txt
E1_1030_TH_VTN_1	PASS	View Log TraceLog_091819_150501_121.txt
E1_1040_TH_VTN_1	PASS	View Log TraceLog_091819_150607_875.txt
E1_1055_TH_VTN_1	PASS	View Log TraceLog_091819_150808_697.txt
E1_1060_TH_VTN_1	PASS	View Log TraceLog_091819_151104_756.txt
E1_1065_TH_VTN_1	NA	View Log TraceLog_091819_151224_532.txt
E1_1070_TH_VTN_1	PASS	View Log TraceLog_091819_151255_035.txt
E1_1080_TH_VTN_1	PASS	View Log TraceLog_091819_151350_943.txt
E1_1090_TH_VTN_1	PASS	View Log TraceLog_091819_151458_178.txt
G1_4005_TH_VTN_1	PASS	View Log TraceLog_091819_151923_668.txt
G1_4010_TH_VTN_1	PASS	View Log TraceLog_091819_152149_654.txt
G1_4007_TH_VTN_1	PASS	View Log TraceLog_091819_152413_014.txt
G1_4012_TH_VTN_1	PASS	View Log TraceLog_091819_152932_928.txt
G1_4015_TH_VTN_1	PASS	View Log TraceLog_091819_153053_454.txt
G1_4030_TH_VTN_1	PASS	View Log TraceLog_091819_153330_035.txt

TEST REPORT

REPORT AUTHORIZED



Florencio Ponce

Engineer



Vincent Brooks

Reviewer