

# Standard Euler, Inc.

## TEST REPORT

**SCOPE OF WORK**

OPENADR 2.0B VEN – HTTP PULL - STANDARD EULER, INC. - FLAIR OADR API V1.0  
- PASSED

**REPORT NUMBER**

1007189094MP-001

**ISSUE DATE**

30-January-2023

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## TEST REPORT

30-January-2023

Intertek Report No. 1007189094MP-001  
Intertek Project No. (GIN #) (G105332672)

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**Subject:** OpenADR 2.0b VEN-HTTP Pull test results of the FLAIR OADR API V1.0

Dear Mr. Kenny Tay,

This test report for the *Flair OADR API 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 VEN- HTTP Pull

Test Harness Version 1.1.6

Security Level - Standard

### SUBMITTED DEVICE

Product Type	Product Name	Firmware Version	Model Number
API	Flair OADR API	1.0	1.0

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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	OpenADR2.0bCertTest	1.1.6

**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 <26-January-2023 to 30-January-2023>

**Test Case Results**

Test Case Name	Result	Log
N1_0010_TH_VTN_1	PASS	View Log TraceLog_012623_150525_770.txt
N1_0080_TH_VTN_1	NA	View Log TraceLog_012623_150657_286.txt
N1_0020_TH_VTN_1	PASS	View Log TraceLog_012623_150844_660.txt
N1_0015_TH_VTN_1	PASS	View Log TraceLog_012623_151450_472.txt
N1_0050_TH_VTN_1	PASS	View Log TraceLog_012723_084027_718.txt
N1_0060_TH_VTN_1	PASS	View Log TraceLog_012723_084205_594.txt
N1_0065_TH_VTN_1	PASS	View Log TraceLog_012723_084441_259.txt
N1_0030_TH_VTN_1	PASS	View Log TraceLog_012723_085500_631.txt
N1_0070_TH_VTN_1	PASS	View Log TraceLog_012723_085848_046.txt
N1_0040_TH_VTN_1	PASS	View Log TraceLog_012723_090342_972.txt
N1_0025_TH_VTN_1	PASS	View Log TraceLog_012723_091818_483.txt
R1_3010_TH_VTN_1	PASS	View Log TraceLog_012723_092154_164.txt
R1_3020_TH_VTN_1	PASS	View Log TraceLog_012723_092626_374.txt
R1_3025_TH_VTN_1	PASS	View Log TraceLog_012723_093658_376.txt
R1_3027_TH_VTN_1	PASS	View Log TraceLog_012723_094144_935.txt

**TEST REPORT**

Test Case Name	Result	Log
R1_3030_TH_VTN_1	PASS	View Log TraceLog_012723_125049_270.txt
R1_3040_TH_VTN_1	PASS	View Log TraceLog_012723_125848_572.txt
R1_3045_TH_VTN_1	PASS	View Log TraceLog_012723_130456_963.txt
R1_3150_TH_VTN_1	PASS	View Log TraceLog_012723_131229_331.txt
R1_3160_TH_VTN_1	PASS	View Log TraceLog_012723_131421_053.txt
R1_3170_TH_VTN_1	PASS	View Log TraceLog_012723_131829_554.txt
R1_3180_TH_VTN_1	PASS	View Log TraceLog_012723_132003_248.txt
R1_3190_TH_VTN_1	PASS	View Log TraceLog_012723_132130_153.txt
P1_2010_TH_VTN_1	PASS	View Log TraceLog_012723_133201_058.txt
P1_2015_TH_VTN_1	PASS	View Log TraceLog_012723_133444_959.txt
P1_2020_TH_VTN_1	PASS	View Log TraceLog_012723_133602_163.txt
P1_2030_TH_VTN_1	PASS	View Log TraceLog_012723_133814_848.txt
P1_2040_TH_VTN_1	PASS	View Log TraceLog_012723_134036_632.txt
P1_2050_TH_VTN_1	NA	View Log TraceLog_012723_134215_337.txt
A_E1_0020_TH_VTN_1	PASS	View Log TraceLog_012723_135933_550.txt
A_E1_0040_TH_VTN_1	PASS	View Log TraceLog_012723_140057_726.txt
A_E1_0060_TH_VTN_1	PASS	View Log TraceLog_012723_140156_484.txt
A_E1_0070_TH_VTN_1	PASS	View Log TraceLog_012723_140257_181.txt
A_E1_0082_TH_VTN_1	PASS	View Log TraceLog_012723_141737_761.txt
A_E1_0086_TH_VTN_1	PASS	View Log TraceLog_012723_141829_644.txt
A_E1_0090_TH_VTN_1	PASS	View Log TraceLog_012723_141925_492.txt
A_E1_0092_TH_VTN_1	PASS	View Log TraceLog_012723_142041_078.txt
A_E1_0094_TH_VTN_1	PASS	View Log TraceLog_012723_143156_949.txt
A_E1_0096_TH_VTN_1	PASS	View Log TraceLog_012723_143247_961.txt
A_E1_0098_TH_VTN_1	PASS	View Log TraceLog_012723_143358_078.txt

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Test Case Name	Result	Log
A_E1_0100_TH_VTN_1	PASS	View Log TraceLog_012723_143503_929.txt
A_E1_0102_TH_VTN_1	PASS	View Log TraceLog_012723_143614_811.txt
A_E1_0104_TH_VTN_1	PASS	View Log TraceLog_012723_143726_942.txt
A_E1_0110_TH_VTN_1	PASS	View Log TraceLog_012723_143854_281.txt
A_E1_0130_TH_VTN_1	PASS	View Log TraceLog_012723_144010_707.txt
A_E1_0180_TH_VTN_1	PASS	View Log TraceLog_012723_144122_879.txt
A_E1_0190_TH_VTN_1	PASS	View Log TraceLog_012723_144226_727.txt
A_E1_0200_TH_VTN_1	PASS	View Log TraceLog_012723_145021_321.txt
A_E1_0210_TH_VTN_1	PASS	View Log TraceLog_012723_152115_066.txt
A_E1_0220_TH_VTN_1	PASS	View Log TraceLog_012723_152858_813.txt
A_E1_0230_TH_VTN_1	PASS	View Log TraceLog_012723_154049_261.txt
A_E1_0240_TH_VTN_1	PASS	View Log TraceLog_013023_082207_407.txt
A_E1_0250_TH_VTN_1	PASS	View Log TraceLog_013023_082450_280.txt
A_E1_0260_TH_VTN_1	PASS	View Log TraceLog_013023_083033_524.txt
A_E1_0260_TH_VTN_1	PASS	View Log TraceLog_013023_083828_511.txt
A_E1_0260_TH_VTN_1	PASS	View Log TraceLog_013023_084236_637.txt
A_E1_0262_TH_VTN_1	PASS	View Log TraceLog_013023_084958_557.txt
A_E1_0262_TH_VTN_1	PASS	View Log TraceLog_013023_085712_627.txt
A_E1_0262_TH_VTN_1	PASS	View Log TraceLog_013023_090312_903.txt
A_E1_0267_TH_VTN_1	PASS	View Log TraceLog_013023_091930_658.txt
A_E1_0267_TH_VTN_1	PASS	View Log TraceLog_013023_092602_049.txt
A_E1_0267_TH_VTN_1	PASS	View Log TraceLog_013023_093130_492.txt
A_E1_0268_TH_VTN_1	PASS	View Log TraceLog_013023_095204_056.txt
A_E1_0268_TH_VTN_1	PASS	View Log TraceLog_013023_095733_500.txt
A_E1_0268_TH_VTN_1	PASS	View Log TraceLog_013023_100221_740.txt

**TEST REPORT**

Test Case Name	Result	Log
A_E1_0270_TH_VTN_1	PASS	View Log TraceLog_013023_100939_394.txt
A_E1_0280_TH_VTN_1	PASS	View Log TraceLog_013023_101853_657.txt
A_E1_0285_TH_VTN_1	PASS	View Log TraceLog_013023_102046_153.txt
A_E1_0300_TH_VTN_1	PASS	View Log TraceLog_013023_102152_659.txt
A_E1_0310_TH_VTN_1	PASS	View Log TraceLog_013023_102258_804.txt
A_E1_0340_TH_VTN_1	PASS	View Log TraceLog_013023_102801_794.txt
A_E1_0345_TH_VTN_1	PASS	View Log TraceLog_013023_104247_774.txt
A_E1_0360_TH_VTN_1	PASS	View Log TraceLog_013023_104408_460.txt
A_E1_0370_TH_VTN_1	PASS	View Log TraceLog_013023_104524_684.txt
A_E1_0390_TH_VTN_1	PASS	View Log TraceLog_013023_104716_989.txt
A_E1_0392_TH_VTN_1	PASS	View Log TraceLog_013023_104859_442.txt
E1_1010_TH_VTN_1	PASS	View Log TraceLog_013023_105213_894.txt
E1_1020_TH_VTN_1	PASS	View Log TraceLog_013023_105258_349.txt
E1_1025_TH_VTN_1	PASS	View Log TraceLog_013023_105424_565.txt
E1_1027_TH_VTN_1	PASS	View Log TraceLog_013023_110322_577.txt
E1_1030_TH_VTN_1	PASS	View Log TraceLog_013023_110412_309.txt
E1_1040_TH_VTN_1	PASS	View Log TraceLog_013023_110547_875.txt
E1_1050_TH_VTN_1	PASS	View Log TraceLog_013023_110738_061.txt
E1_1055_TH_VTN_1	PASS	View Log TraceLog_013023_110921_072.txt
E1_1060_TH_VTN_1	PASS	View Log TraceLog_013023_111202_145.txt
E1_1065_TH_VTN_1	NA	View Log TraceLog_013023_111255_451.txt
E1_1070_TH_VTN_1	PASS	View Log TraceLog_013023_111314_926.txt
E1_1080_TH_VTN_1	PASS	View Log TraceLog_013023_111446_512.txt
E1_1090_TH_VTN_1	PASS	View Log TraceLog_013023_111534_344.txt
G1_4005_TH_VTN_1	PASS	View Log TraceLog_013023_113821_776.txt

**TEST REPORT**

Test Case Name	Result	Log
G1_4010_TH_VTN_1	PASS	View Log TraceLog_013023_114154_277.txt
G1_4012_TH_VTN_1	PASS	View Log TraceLog_013023_114402_084.txt
G1_4015_TH_VTN_1	PASS	View Log TraceLog_013023_114450_121.txt
G1_4030_TH_VTN_1	PASS	View Log TraceLog_013023_114552_769.txt
G1_4007_TH_VTN_1	PASS	View Log TraceLog_013023_114742_866.txt

**REPORT AUTHORIZED**



Florencio Ponce

Engineer



Vincent Brooks

Reviewer