

# NISSIN SYSTEMS CO., LTD. TEST REPORT

**SCOPE OF WORK**

OPENADR 2.0B VTN – HTTP PULL & PUSH AND XMPP PUSH - NISSIN SYSTEMS CO., LTD. -  
MORPHTABLERO VTN COMPONENT V. 2.0.0  
- PASSED

**REPORT NUMBER**

23020144JMA-001

**ISSUE DATE**

1-March-2023

**PAGES**

13

**DOCUMENT CONTROL NUMBER**

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

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## TEST REPORT

1-March-2023

Intertek Report No. 23020144JMA-001  
Intertek Project No. (GIN #) (JY23020144-905)

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**Subject:** OpenADR 2.0b VTN-HTTP Pull & Push and XMPP Push test results of the MORPHTABLERO VTN COMPONENT V. 2.0.0

Dear Mr. Hiroki Yamamoto,

This test report for the *MorphTablero VTN Component V. 2.0.0* 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 & Push and XMPP Push

Test Harness Version 1.1.6

Security Level - Standard

## SUBMITTED DEVICE

Product Type	Product Name	Firmware Version	Model Number
VTN	MorphTablero VTN Component	2.0.0	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	OpenADR2.0bCertTest	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 <27-February-2023 to 28-February-2023>

**Test Case Results – HTTP Pull**

Test Case Name	Result	Log
E1_1010_TH_VEN	PASS	View Log TraceLog_022723_165500_116.txt
E1_1020_TH_VEN	PASS	View Log TraceLog_022723_165547_102.txt
E1_1025_TH_VEN	PASS	View Log TraceLog_022723_165634_351.txt
E1_1027_TH_VEN	PASS	View Log TraceLog_022723_165717_663.txt
E1_1030_TH_VEN	PASS	View Log TraceLog_022723_165805_714.txt
E1_1040_TH_VEN	PASS	View Log TraceLog_022723_165905_990.txt
E1_1050_TH_VEN	PASS	View Log TraceLog_022723_165957_191.txt
E1_1055_TH_VEN	PASS	View Log TraceLog_022723_170051_475.txt
E1_1060_TH_VEN	PASS	View Log TraceLog_022723_170134_859.txt
E1_1065_TH_VEN	PASS	View Log TraceLog_022723_170227_278.txt
E1_1070_TH_VEN	NA	View Log TraceLog_022723_171706_817.txt
E1_1080_TH_VEN	PASS	View Log TraceLog_022723_171727_714.txt
E1_1090_TH_VEN	NA	View Log TraceLog_022723_171809_995.txt
A_E3_0420_TH_VEN	PASS	View Log TraceLog_022723_171833_956.txt
A_E3_0430_TH_VEN	PASS	View Log TraceLog_022723_172217_480.txt
A_E3_0432_TH_VEN	PASS	View Log TraceLog_022723_172309_476.txt

**TEST REPORT**

Test Case Name	Result	Log
A_E3_0435_TH_VEN	PASS	View Log TraceLog_022723_172358_281.txt
A_E3_0440_TH_VEN	PASS	View Log TraceLog_022723_172447_312.txt
A_E3_0450_TH_VEN	PASS	View Log TraceLog_022723_172537_988.txt
A_E3_0452_TH_VEN	PASS	View Log TraceLog_022723_172628_408.txt
A_E3_0454_TH_VEN	PASS	View Log TraceLog_022723_172720_037.txt
A_E3_0468_TH_VEN	PASS	View Log TraceLog_022723_172805_420.txt
A_E3_0470_TH_VEN	PASS	View Log TraceLog_022723_172849_518.txt
A_E3_0474_TH_VEN	PASS	View Log TraceLog_022723_172957_824.txt
A_E3_0480_TH_VEN	PASS	View Log TraceLog_022723_173107_445.txt
A_E3_0484_TH_VEN	PASS	View Log TraceLog_022723_173209_753.txt
A_E3_0490_TH_VEN	PASS	View Log TraceLog_022723_173255_080.txt
A_E3_0492_TH_VEN	PASS	View Log TraceLog_022723_173359_806.txt
A_E3_0494_TH_VEN	PASS	View Log TraceLog_022723_173510_386.txt
A_E3_0496_TH_VEN	PASS	View Log TraceLog_022723_173618_698.txt
A_E3_0498_TH_VEN	PASS	View Log TraceLog_022723_173735_601.txt
A_E3_0500_TH_VEN	PASS	View Log TraceLog_022723_173840_193.txt
A_E3_0510_TH_VEN	PASS	View Log TraceLog_022723_173931_913.txt
A_E3_0525_TH_VEN	PASS	View Log TraceLog_022723_174017_984.txt
A_E3_0527_TH_VEN	PASS	View Log TraceLog_022723_174234_648.txt
A_E3_0655_TH_VEN	PASS	View Log TraceLog_022723_174820_710.txt
A_E3_0657_TH_VEN	PASS	View Log TraceLog_022723_174915_960.txt
A_E3_0680_TH_VEN	PASS	View Log TraceLog_022723_175046_586.txt
A_E3_0685_TH_VEN	PASS	View Log TraceLog_022723_175241_513.txt
A_E3_0710_TH_VEN	PASS	View Log TraceLog_022723_175702_479.txt
A_E3_0720_TH_VEN	PASS	View Log TraceLog_022723_175754_239.txt

**TEST REPORT**

Test Case Name	Result	Log
A_E3_0730_TH_VEN	PASS	View Log TraceLog_022723_175842_274.txt
A_E3_0750_TH_VEN	PASS	View Log TraceLog_022723_175925_243.txt
A_E3_0780_TH_VEN	PASS	View Log TraceLog_022723_180014_101.txt
P1_2010_TH_VEN	PASS	View Log TraceLog_022723_162315_316.txt
P1_2015_TH_VEN	PASS	View Log TraceLog_022723_162349_239.txt
P1_2020_TH_VEN	PASS	View Log TraceLog_022723_162419_029.txt
P1_2030_TH_VEN	PASS	View Log TraceLog_022723_162451_703.txt
P1_2040_TH_VEN	PASS	View Log TraceLog_022723_162528_417.txt
P1_2050_TH_VEN	PASS	View Log TraceLog_022723_162602_940.txt
N1_0025_TH_VEN	PASS	View Log TraceLog_022723_161051_167.txt
N1_0030_TH_VEN	PASS	View Log TraceLog_022723_161147_763.txt
N1_0010_TH_VEN	PASS	View Log TraceLog_022723_161232_832.txt
N1_0020_TH_VEN	PASS	View Log TraceLog_022723_161314_412.txt
N1_0015_TH_VEN	PASS	View Log TraceLog_022723_161403_630.txt
N1_0040_TH_VEN	PASS	View Log TraceLog_022723_161510_614.txt
N1_0080_TH_VEN	PASS	View Log TraceLog_022723_161610_050.txt
N1_0050_TH_VEN	PASS	View Log TraceLog_022723_161849_155.txt
N1_0060_TH_VEN	PASS	View Log TraceLog_022723_161934_203.txt
N1_0065_TH_VEN	PASS	View Log TraceLog_022723_162019_122.txt
N1_0070_TH_VEN	PASS	View Log TraceLog_022723_162056_587.txt
R1_3010_TH_VEN	PASS	View Log TraceLog_022723_162803_339.txt
R1_3020_TH_VEN	PASS	View Log TraceLog_022723_162858_763.txt
R1_3025_TH_VEN	PASS	View Log TraceLog_022723_163056_729.txt
R1_3027_TH_VEN	PASS	View Log TraceLog_022723_163334_620.txt
R1_3030_TH_VEN	PASS	View Log TraceLog_022723_163526_516.txt

**TEST REPORT**

Test Case Name	Result	Log
R1_3040_TH_VEN	PASS	View Log TraceLog_022723_163726_441.txt
R1_3045_TH_VEN	PASS	View Log TraceLog_022723_163825_536.txt
R1_3070_TH_VEN	PASS	View Log TraceLog_022723_163933_528.txt
R1_3080_TH_VEN	PASS	View Log TraceLog_022723_164032_780.txt
R1_3090_TH_VEN	PASS	View Log TraceLog_022723_164220_159.txt
R1_3100_TH_VEN	PASS	View Log TraceLog_022723_164337_205.txt
R1_3120_TH_VEN	PASS	View Log TraceLog_022723_164423_430.txt
R1_3130_TH_VEN	PASS	View Log TraceLog_022723_164536_931.txt
R1_3150_TH_VEN	PASS	View Log TraceLog_022723_164626_648.txt
R1_3160_TH_VEN	PASS	View Log TraceLog_022723_164715_801.txt
R1_3170_TH_VEN	NA	View Log TraceLog_022723_165056_649.txt
R1_3180_TH_VEN	PASS	View Log TraceLog_022723_165114_642.txt
R1_3190_TH_VEN	PASS	View Log TraceLog_022723_165302_596.txt
G1_4005_TH_VEN	PASS	View Log TraceLog_022723_180324_535.txt
G1_4007_TH_VEN	PASS	View Log TraceLog_022723_180438_774.txt
G1_4010_TH_VEN	PASS	View Log TraceLog_022723_180617_763.txt
G1_4011_TH_VEN	PASS	View Log TraceLog_022723_180755_247.txt
G1_4012_TH_VEN	PASS	View Log TraceLog_022723_180834_976.txt
G1_4030_TH_VEN	PASS	View Log TraceLog_022723_180934_779.txt
G1_4020_TH_VEN_1	PASS	View Log TraceLog_022723_182737_189.txt
E3_0430_TH_VEN	PASS	View Log TraceLog_022723_182404_877.txt
E3_0500_TH_VEN	PASS	View Log TraceLog_022723_182449_959.txt
N1_0020_TH_VEN	PASS	View Log TraceLog_022723_181507_651.txt
R1_3070_TH_VEN	PASS	View Log TraceLog_022723_181610_149.txt
E1_1025_TH_VEN	PASS	View Log TraceLog_022723_181806_499.txt

**TEST REPORT**

## Test Case Results – HTTP Push

Test Case Name	Result	Log
E0_6010_TH_VEN_1	PASS	View Log TraceLog_022723_214408_319.txt
E0_6020_TH_VEN_1	PASS	View Log TraceLog_022723_214453_279.txt
E0_6025_TH_VEN_1	PASS	View Log TraceLog_022723_214551_979.txt
E0_6027_TH_VEN_1	PASS	View Log TraceLog_022723_214651_570.txt
E0_6030_TH_VEN_1	PASS	View Log TraceLog_022723_214753_361.txt
E0_6040_TH_VEN_1	PASS	View Log TraceLog_022723_214908_134.txt
E0_6050_TH_VEN	PASS	View Log TraceLog_022723_215003_436.txt
E0_6055_TH_VEN_1	PASS	View Log TraceLog_022723_215101_279.txt
E0_6060_TH_VEN_1	PASS	View Log TraceLog_022723_215206_566.txt
E0_6065_TH_VEN_1	PASS	View Log TraceLog_022723_215305_894.txt
E0_6070_TH_VEN_1	NA	View Log TraceLog_022723_215507_072.txt
E0_6080_TH_VEN_1	PASS	View Log TraceLog_022723_215524_091.txt
E0_6090_TH_VEN_1	NA	View Log TraceLog_022723_215627_488.txt
A_E2_0430_TH_VEN_1	PASS	View Log TraceLog_022723_215653_382.txt
A_E2_0432_TH_VEN_1	PASS	View Log TraceLog_022723_215805_833.txt
A_E2_0435_TH_VEN_1	PASS	View Log TraceLog_022723_215916_957.txt
A_E2_0440_TH_VEN_1	PASS	View Log TraceLog_022723_220022_630.txt
A_E2_0450_TH_VEN_1	PASS	View Log TraceLog_022723_220138_326.txt
A_E2_0452_TH_VEN_1	PASS	View Log TraceLog_022723_220256_275.txt
A_E2_0454_TH_VEN_1	PASS	View Log TraceLog_022723_220406_623.txt
A_E2_0468_TH_VEN_1	PASS	View Log TraceLog_022723_220521_118.txt
A_E2_0470_TH_VEN_1	PASS	View Log TraceLog_022723_220620_851.txt
A_E2_0474_TH_VEN_1	PASS	View Log TraceLog_022723_220802_207.txt



**TEST REPORT**

Test Case Name	Result	Log
A_E2_0480_TH_VEN_1	PASS	View Log TraceLog_022723_220935_728.txt
A_E2_0484_TH_VEN_1	PASS	View Log TraceLog_022723_221053_490.txt
A_E2_0490_TH_VEN_1	PASS	View Log TraceLog_022723_221205_235.txt
A_E2_0492_TH_VEN_1	PASS	View Log TraceLog_022723_221334_774.txt
A_E2_0494_TH_VEN_1	PASS	View Log TraceLog_022723_221501_521.txt
A_E2_0496_TH_VEN_1	PASS	View Log TraceLog_022723_221635_647.txt
A_E2_0498_TH_VEN_1	PASS	View Log TraceLog_022723_221804_257.txt
A_E2_0500_TH_VEN_1	PASS	View Log TraceLog_022723_221920_067.txt
A_E2_0510_TH_VEN_1	PASS	View Log TraceLog_022723_222042_351.txt
A_E2_0525_TH_VEN_1	PASS	View Log TraceLog_022723_222148_307.txt
A_E2_0527_TH_VEN_1	PASS	View Log TraceLog_022723_222420_262.txt
A_E2_0657_TH_VEN_1	PASS	View Log TraceLog_022723_222701_860.txt
A_E2_0680_TH_VEN_1	PASS	View Log TraceLog_022723_223033_515.txt
A_E2_0685_TH_VEN_1	PASS	View Log TraceLog_022723_223221_130.txt
A_E2_0710_TH_VEN_1	PASS	View Log TraceLog_022723_223701_255.txt
A_E2_0720_TH_VEN_1	PASS	View Log TraceLog_022723_223820_497.txt
A_E2_0730_TH_VEN_1	PASS	View Log TraceLog_022723_223936_908.txt
A_E2_0750_TH_VEN_1	PASS	View Log TraceLog_022723_224057_254.txt
A_E2_0780_TH_VEN_1	PASS	View Log TraceLog_022723_224239_329.txt
P0_7010_TH_VEN	PASS	View Log TraceLog_022723_210659_356.txt
P0_7015_TH_VEN	PASS	View Log TraceLog_022723_210734_524.txt
P0_7020_TH_VEN	PASS	View Log TraceLog_022723_210806_485.txt
P0_7030_TH_VEN	PASS	View Log TraceLog_022723_210841_663.txt
P0_7040_TH_VEN	PASS	View Log TraceLog_022723_210915_508.txt
P0_7050_TH_VEN	PASS	View Log TraceLog_022723_210952_634.txt

**TEST REPORT**

Test Case Name	Result	Log
N0_5025_TH_VEN	PASS	View Log TraceLog_022723_205214_086.txt
N0_5030_TH_VEN	PASS	View Log TraceLog_022723_205313_110.txt
N0_5010_TH_VEN	PASS	View Log TraceLog_022723_205351_926.txt
N0_5020_TH_VEN	PASS	View Log TraceLog_022723_205429_667.txt
N0_5015_TH_VEN	PASS	View Log TraceLog_022723_205529_653.txt
N0_5040_TH_VEN_1	PASS	View Log TraceLog_022723_205603_737.txt
N0_5080_TH_VEN	PASS	View Log TraceLog_022723_205926_738.txt
N0_5050_TH_VEN_1	PASS	View Log TraceLog_022723_210150_549.txt
N0_5060_TH_VEN	PASS	View Log TraceLog_022723_210237_142.txt
N0_5065_TH_VEN	PASS	View Log TraceLog_022723_210330_660.txt
N0_5070_TH_VEN	PASS	View Log TraceLog_022723_210432_623.txt
R0_8010_TH_VEN_1	PASS	View Log TraceLog_022723_211101_220.txt
R0_8020_TH_VEN_1	PASS	View Log TraceLog_022723_211140_166.txt
R0_8025_TH_VEN_1	PASS	View Log TraceLog_022723_211343_225.txt
R0_8027_TH_VEN_1	PASS	View Log TraceLog_022723_211650_756.txt
R0_8030_TH_VEN_1	PASS	View Log TraceLog_022723_212036_473.txt
R0_8040_TH_VEN_1	PASS	View Log TraceLog_022723_212302_222.txt
R0_8045_TH_VEN_1	PASS	View Log TraceLog_022723_212357_583.txt
R0_8070_TH_VEN	PASS	View Log TraceLog_022723_212459_020.txt
R0_8080_TH_VEN	PASS	View Log TraceLog_022723_212648_330.txt
R0_8090_TH_VEN	PASS	View Log TraceLog_022723_212751_004.txt
R0_8100_TH_VEN	PASS	View Log TraceLog_022723_213108_283.txt
R0_8120_TH_VEN_1	PASS	View Log TraceLog_022723_213201_401.txt
R0_8130_TH_VEN_1	PASS	View Log TraceLog_022723_213348_187.txt
R0_8150_TH_VEN_1	PASS	View Log TraceLog_022723_213431_019.txt

**TEST REPORT**

Test Case Name	Result	Log
R0_8160_TH_VEN_1	PASS	View Log TraceLog_022723_213510_425.txt
R0_8170_TH_VEN_1	NA	View Log TraceLog_022723_213918_017.txt
R0_8180_TH_VEN_1	PASS	View Log TraceLog_022723_213935_783.txt
R0_8190_TH_VEN_1	PASS	View Log TraceLog_022723_214054_310.txt
G0_9005_TH_VEN_1	PASS	View Log TraceLog_022723_224638_691.txt
G0_9010_TH_VEN_1	PASS	View Log TraceLog_022723_224923_116.txt
G0_9030_TH_VEN_1	PASS	View Log TraceLog_022723_225049_880.txt
G0_9020_TH_VEN_1	PASS	View Log TraceLog_022723_230252_784.txt
E2_0432_TH_VEN	PASS	View Log TraceLog_022723_225935_311.txt
E2_0452_TH_VEN	PASS	View Log TraceLog_022723_230033_995.txt
N0_5020_TH_VEN	PASS	View Log TraceLog_022723_225348_873.txt
P0_7030_TH_VEN	PASS	View Log TraceLog_022723_225457_752.txt
A_E2_0470_TH_VEN_1	PASS	View Log TraceLog_022723_225556_985.txt

**TEST REPORT**

## Test Case Results – XMPP Push

Test Case Name	Result	Log
N0_5025_TH_VEN	PASS	View Log TraceLog_022723_231342_581.txt
N0_5030_TH_VEN	PASS	View Log TraceLog_022723_231443_426.txt
N0_5010_TH_VEN	PASS	View Log TraceLog_022723_231546_163.txt
N0_5020_TH_VEN	PASS	View Log TraceLog_022723_231625_785.txt
P0_7010_TH_VEN	PASS	View Log TraceLog_022723_231739_114.txt
P0_7015_TH_VEN	PASS	View Log TraceLog_022723_231815_039.txt
P0_7020_TH_VEN	PASS	View Log TraceLog_022723_231851_933.txt
P0_7030_TH_VEN	PASS	View Log TraceLog_022723_231930_742.txt
R0_8010_TH_VEN_1	PASS	View Log TraceLog_022723_232025_069.txt
R0_8020_TH_VEN_1	PASS	View Log TraceLog_022723_232117_713.txt
R0_8030_TH_VEN_1	PASS	View Log TraceLog_022723_232328_849.txt
R0_8040_TH_VEN_1	PASS	View Log TraceLog_022723_232601_707.txt
E0_6020_TH_VEN_1	PASS	View Log TraceLog_022723_232717_379.txt
E0_6055_TH_VEN_1	PASS	View Log TraceLog_022723_232820_059.txt
A_E2_0430_TH_VEN_1	PASS	View Log TraceLog_022723_232934_196.txt
A_E2_0450_TH_VEN_1	PASS	View Log TraceLog_022723_233055_128.txt
G0_9005_TH_VEN_1	PASS	View Log TraceLog_022723_233249_881.txt
G0_9010_TH_VEN_1	PASS	View Log TraceLog_022723_233921_385.txt

**TEST REPORT**

**REPORT AUTHORIZED**



Kenji Kitta

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Engineer



Vincent Brooks

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Reviewer