

## IEC 61850 Certificate Level A<sup>1</sup>

**Issued to:**

GE Grid Solutions  
Parc Eurêka  
81 rue Euclide – CS 11140  
34060 Montpellier Cedex 2  
France

**For the client system:**

DS Agile aView  
Substation Automation SCADA/HMI  
Software version: V7  
Hardware: Dell precision tower 5810 with Windows 10  
Enterprise LTSC

The client system has not been shown to be non-conforming to:

### IEC 61850 Edition 2 Parts 6, 7-1, 7-2, 7-3, 7-4 and 8-1

Communication networks and systems in substations

The conformance test has been performed according to IEC 61850-10 Edition 2, the UCA International Users Group Edition 2 Client Conformance Test Procedures version 1.2 with client system's protocol, model and technical issue implementation conformance statements: "Protocol Implementation Conformance Statement for the IEC 61850 interface in aView, Rev A1.7", "MICS for Client DS Agile aView V7, Rev A1.7" and "TICS for DS Agile V7, Rev B1.3" and product's extra information for testing: "PIXIT for Client DS Agile aView V7, Rev A1.12".

The following IEC 61850 conformance blocks have been tested with a positive result (number of relevant and executed test cases / total number of test cases):

1 Basic Exchange (13/24)	12a Direct Control (6/9)
2 Data Sets (4/10)	12c Enhanced Direct Control (6/9)
5 Unbuffered Reporting (19/24)	12d Enhanced SBO Control (8/11)
6 Buffered Reporting (23/28)	13 Time Synchronization (3/4)

This certificate includes a summary of the test results as carried out at GE Grid solutions in France with UniCA 61850 IED Simulator version 6.1.31 and UniCA 61850 Analyzer 6.41.0. This document has been issued for information purposes only, and the archived DNV verification report No. 10366551-DSO 22-3025 rev 2 will prevail.

The test has been carried out on one single specimen of the product as referred above and submitted to DNV by GE Grid solutions. The manufacturer's production process has not been assessed. This certificate does not imply that DNV has approved any product other than the specimen tested.

Arnhem, July 8, 2022



**G. Akse**  
Business Development Manager  
Interoperability of Smart Power Systems

**Issued by:**




**R. Schimmel**  
Verification Manager

<sup>1</sup> Level A - Independent test lab with certified ISO 9001 Quality System

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Applicable Test Procedures from the UCA International Users Group Edition 2 Client Conformance Test Procedures version 1.2

Conformance Block	Mandatory	Conditional
1: Basic Exchange	cAss1, cAss2, cAss3, cAssN1, cAssN4, cAssN5, cAssN6	cAssN7, cSrv5, cSrv7, cSrvN3, cSrvN5, cSrvN6
2: Data Sets		cDs2, cDs5, cDs6, cDsN1b
5: Unbuffered Reporting	cRp3, cRp4, cRp5, cRp8, cRp9, cRp10, cRp11, cRp13a, cRp14, cRp15, cRp19, cRpN2, cRpN5, cRpN6	cRp2, cRp6, cRp7, cRp17, cRpN1
6: Buffered Reporting	cBr3, cBr4, cBr5, cBr8, cBr9, cBr10, cBr11, cBr13a, cBr14, cBr15, cBr19, cBr30, cBr31, cBrN2, cBrN5, cBrN6	cBr2, cBr6, cBr7, cBr17, cBr32, cBr33, cBrN1
12a: Direct Control	cCtl4, cCtl5, cDOs1, cDOs2	cCtl1, cCtl2
12c: Enhanced Direct Control	cCtl4, cCtl5, cDOes1, cDOes2	cCtl1, cCtl2
12d: Enhanced SBO Control	cCtl4, cCtl5, cSBOes1, cSBOes2, cSBOes3	cCtl1, cCtl2, cSBOes4
13: Time Sync	cTm1, cTmN1	cTm2