AVEVA

ONESHEET

Standards and certifications for operations control

AVEVA has provided the software for developing and deploying operations control systems for over 30 years. We offer standard-compliant, secure industrial solutions that make you more resilient, ensure business continuity, and deliver sustainable growth.

Our wider ecosystem includes international standards bodies, so we can embed leading standards and security principles into our software and systems. The safety, performance, and security of your operations are our top priority. We aim to make sure your applications and development environments are always reliable and trustworthy.

Here are some of the best practices, standards, and compliance statuses of our operations control software, including HMI & SCADA.

Standards and certifications for AVEVA's operations control software

Communications and interoperability standards		
DNP3	Full – Compliance	https://www.dnp.org
IEC 60870	Full – Compliance	https://www.iec.ch
IEC 61850	Full – Certification	https://www.iec.ch
Modbus	Full – Compliance	https://www.modbus.org
Modbus Telemetry	Full – Compliance	https://www.modbus.org
MQTT	Partial – Compliance	https://mqtt.org
OPC	Partial – Certification	https://opcfoundation.org
OPC UA	Partial – Certification	https://opcfoundation.org

Standards and certifications for AVEVA's operations control software (continued)

Regulatory compliance standards		
21 CFR Part 11	Full – Compliance	https://www.fda.gov
49 CFR Parts 192 and 195	Full – Compliance	https://www.ecfr.gov

Cyber security standards		
ANSI	Full – Certification	https://www.ansi.org
IEC 62443	Full – Certification	https://www.iec.ch
ISO 27001	Full – Certification	https://www.iso.org
NERC CIP	Full – Compliance	https://www.nerc.com
NIST	Full – Compliance	https://www.nist.gov
SOC-2 Type II	Full – Certification	https://us.aicpa.org

Development practice standards		
IEC 62443	Full – Certification	https://www.iec.ch
ISASecure SDLA	Full – Certification	https://www.isasecure.org
ISO 9001:2015	Full – Certification	https://www.iso.org

Human machine interface and alarming standards		
EEMUA 191	Full – Compliance	https://www.eemua.org
IEC 63303	Full – Compliance	https://www.iec.ch
ISA 18.2	Full – Compliance	https://www.isa.org
ISA 101	Full – Compliance	https://www.isa.org

Data modeling standards		
ISA 88	Full – Compliance	https://www.isa.org
ISA 95	Full – Compliance	https://www.isa.org
OMAC	Full – Compliance	https://www.omac.org
PackML	Full – Compliance	https://www.omac.org

Accessibility		
U.S. Section 508	Full – Compliance	https://www.section508.gov

NOTE: Details regarding certification and compliance can be found in product documentation.

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