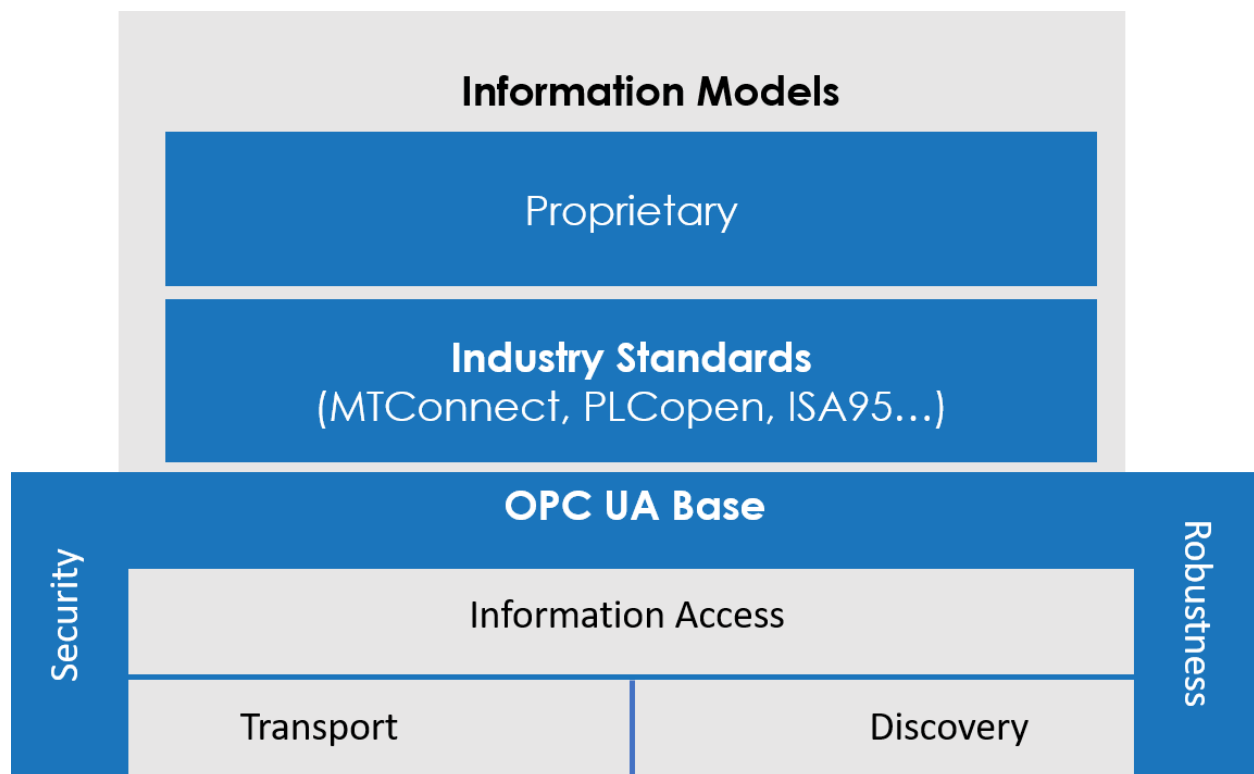


MTConnect[®]

OPC UA Companion Specification



The manufacturing data management ecosystem is developing rapidly. Standards and protocols don't exist in isolation: proprietary and industry standard information models sit can build on OPC UA as a foundation.



OPC UA Companion Specification

MTConnect-OPC UA is a set of companion specifications to ensure interoperability and consistency between MTConnect specifications and the OPC Unified Architecture (UA) specifications, as well as the manufacturing technology equipment, devices, software or other products that implement those standards.

How to Get It

The latest version of the spec is free and publicly available.

<https://www.mtconnect.org/opc-ua-companion-specification>

Download the nodeset files and additional supporting files and documentation on Github.

https://github.com/mtconnect/opc_ua_architecture

TCP server for testing and demonstration is at
<opc.tcp://opc.mtconnect.org:4840/>

What is OPC UA?

The OPC Unified Architecture (UA) is a platform independent service-oriented architecture.

The OPC UA information modeling framework is extended by the MTConnect Institute and many other organizations. MTConnect's industry standard information model fits between vendor information models and the OPC UA base (information access, transport, discovery, security, robustness)