

MES Manufacturing Execution System – IT system controlling production in real time

OPC-UA

OPC Unified Architecture is at the core of Industry 4.0 architecture enabling secure yet open transmission of data www.opcfoundation.org

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AutomationML

Standard enabling asset nformation to be embedded during the design process www.automationml.org

FMI

Functional Mock-up Interface – modelling standard to create **Digital Twin**

Digital Shadow

Integration .

Digital image of assets for monitoring,

Industry 4.0 glossary

Cloud

TSN

Industry 4.0 and the Internet of Things (IoT) affect Original Equipment Manufacturers (OEM) and End Users alike. The physical and digital worlds are coming together, making factory automation more flexible, increasing energy efficiency, linking logistics processes more closely and optimising every phase throughout the value chain. As with all specialisms, it brings with it a whole new vocabulary of terms and abbreviations. This glossary provides a simple guide for some of the most used terms associated with automation and Industry 4.0.

Shop floor



to read / write tags on assets

