

WALTER INFO 15/2019

OPC UA INTERFACE

Your connection to the future!



INDUSTRY 4.0

SMART FACTORY

MES / ERP

DASHBOARD

KPI

OEE

ETHERNET



OPC UA interface

- Would you like to be able to network your machines simply and securely?

With WALTER and the international OPC UA standard you can!

- Would you like to know exactly what the capacity and state of your machine is?
- You need the actual data for productivity evaluation?



OPC UA (Unified Architecture) is the new industrial data exchange standard that combines simplicity with security. It enables a platform-independent exchange of data between products of different manufacturers.

Using the OPC UA, devices, machines and systems can communicate with each other. It is precisely this kind of simple and secure data exchange that is a basic prerequisite for Industry 4.0, the fourth industrial revolution.

With the OPC UA Operating Data Acquisition interface, you can access over defined variables, which provide information about the current status of the machine. These signals are available on an OPC UA Server, which you can access easily and securely via the machine's Ethernet interface. Using WALTER grinding or eroding machines, this service is available from software HELITRONIC TOOL STUDIO 2.1 or higher. Using WALTER measuring machines this service is available after consulting us from software Metrology Center 10.0.

The functionality of the OPC UA interface is structured flexibly at WALTER. Depending on requirements, additional signals can be made available on the OPC UA Server. Furthermore, the machine can also assume the role of an OPC UA Client. This enables WALTER machines to be integrated simply and securely into the environment of the digital factory.



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umati (universal machine tool interface) is the universal interface for machine tools that uses OPC UA as a basis and was initiated by the German Machine Tool Builders' Association (VDW) in cooperation with strong partners such as our parent company UNITED GRINDING Group.