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(O) **16** terms

OEE Created Oct 3, 2018 (17:03)

Overall Equipment Effectiveness quantifies how well a manufacturing unit performs relative to its designed capacity, during the periods when it is scheduled to run. OEE is a measure of Availability, Performance, and Quality.

OEM Created Oct 3, 2018 (17:03)

An OEM (Original Equipment Manufacturer) is a company that manufactures a product (typically a hardware product) that is then duplicated with little or no changes as it is sold to many customers. IE: a company that makes printing presses is an OEM and sells to facilities that use the printing presses.

Voice over IP Created Oct 30, 2018 (22:31)

An Omron device is a type of device that Ignition can connect to. Often you hear reference to connecting to an Omron device using Ignition's Omron driver.

On-Call Roster Created Oct 3, 2018 (17:03)

An On-Call Roster is a collection of users that get notified when an alarm notification is sent out. The users are selected from multiple User Sources.

on-demand Created Oct 3, 2018 (17:03)

Synonym(s): on demand

On-demand usually refers to accessing historical (or stored) data whenever you want. You can generate screens that show charts and reports on-demand, or based on the inputs of the user instead of pre-determined daily or weekly reports.

OPC Created Oct 3, 2018 (17:03)

OPC (Open Process Connectivity) is the name of a technology standard used to write to PLCs. OPC allows information exchange between gauges, databases, programmable logic controllers (PLCs), and more.

OPC Server Created Oct 3, 2018 (17:03)

An OPC Server is a software application that acts as an API (Application Programming Interface) or protocol converter. An OPC Server can connect to a device such as a PLC, DCS, and RTU or a data source such as a database or HMI to translate the data into a standard OPC format.

OPC Tag Created Oct 3, 2018 (17:03)

Often referred to as just 'Tags', OPC Tags are Ignition tags that specify an OPC server and address which drives their values. The OPC address will be subscribed at the rate of the tag's scan class during configuration, and values written to these tags will be pushed to the PLCs.

OPC-UA Created Oct 3, 2018 (17:03)

OPC Unified Architecture (OPC-UA) is a communication protocol for interoperability developed by the OPC Foundation. The foundation's goal for this project was to provide a path forward from the original OPC communications model (namely COM/DCOM) to a cross-platform service-oriented architecture (SOA) for process control, while enhancing security and providing an information model.

Using the OPC-UA module, Ignition acts as an OPC-UA server, serving data collected by its built in drivers to other Ignition modules and third-party OPC-UA clients.

Open Process Connectivity Created Oct 3, 2018 (17:03)

See OPC.

Operating System Created Oct 3, 2018 (17:03)

An Operating System (OS) is the underlying software that runs on a computer and provides the user an interface to that computer. Common examples are: Microsoft Windows MacOS X Linux.

Oracle Created Oct 3, 2018 (17:03)

A relational database. Ignition connects easily to it and can use it to store or retrieve data.

OPC-DA Created Oct 30, 2018 (21:00)

OPC Data Access (OPC-DA) is an OPC Foundation specification that defines how real-time data can be transferred between a data source and a data sink (for example: a PLC and an HMI) without either of them having to know each other's native protocol. In Ignition, the OPC-COM module provides the ability to connect to OPC servers that only communicate using the older COM based OPC-DA standard. OPC-DA is a Windows technology that uses DCOM so it cannot be used cross-platform.

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(O) **16** terms

OS Created Oct 30, 2018 (21:30)

See Operating System.

Original Equipment Manufacturer Created Oct 30, 2018 (21:32)

See OEM.

Overall Equipment Effectiveness Created Oct 30, 2018 (21:32)

See OEE.
