

# E

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(E) **14** terms

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## Edge of Network Gateway Created Sep 28, 2016 (22:29)

*Abbreviation(s):*

*Synonym(s):*

An Edge of Network Gateway is a physical device that is used to connect to things like PLCs and send data back to a central server. This is commonly referred to when talking about MQTT.

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## Elecsys Created Sep 28, 2016 (22:29)

*Abbreviation(s):*

*Synonym(s):*

Elecsys Corp is a company that has created Edge of Network devices that use MQTT and have hundreds of built-in drivers to communicate to various PLCs.

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## Elecsys Director Created Sep 28, 2016 (22:29)

- [MQTT](#)

*Abbreviation(s):*

*Synonym(s):* Director RediGate RediLink

An Edge of Network Gateway (device) made by Elecsys Corp that has hundreds of built-in drivers to communicate to various PLCs. It can communicate to devices through Ethernet or Serial and sends data back to a MQTT Server through Ethernet, Satellite, or Cellular connections.

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## Enterprise Created Mar 22, 2017 (23:59)

*Abbreviation(s):*

*Synonym(s):*

Refers to a collection of sites, computers, or projects that are all connected together. Often there is one controller that coordinates between the other systems. Often used in Ignition referring to the EAM or Enterprise Administration Module.

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## Enterprise Architecture Module Created Mar 23, 2017 (00:03)

*Abbreviation(s):*

*Synonym(s):*

A lot of people think this is what EAM stands for, but it is not. EAM is the acronym for the Enterprise Administration Module.

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## Enterprise Resource Planning Created Sep 28, 2016 (22:29)

*Abbreviation(s):* ERP

*Synonym(s):*

An information system that integrates much of a facility's information like billing and manufacturing orders. Ignition can connect to many ERP systems and pull valuable information to check against orders, etc. Commonly referred to when using MES modules.

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## Ethernet Created Sep 28, 2016 (22:29)

*Abbreviation(s):*

*Synonym(s):*

The standard for cabling devices together in a network. All new computers come with Ethernet; any reference to 'network,' 'network ready,' 'LAN,' 'LAN connection' or 'network card' implies Ethernet. Ethernet uses cables to connect devices. Many PLCs are connected through Ethernet, meaning they can be connected directly to the network and the OPC server can communicate without going through another device. A serial-to-Ethernet converter (device) can be used on some older serial PLCs to make them appear on the network as normal Ethernet PLCs. See also Network, LAN, Edge of Network Gateway.

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## expression tag Created Dec 29, 2020 (10:29) by Unknown User (Anonymous User)

*Abbreviation(s):*

*Synonym(s):*

These tags are driven by an expression. The expression syntax is the same as for property bindings, and allows mathematical operations, references to other tags, logic operations, and more.

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## Enterprise Administration Module Created Dec 29, 2020 (10:29) by Unknown User (Anonymous User)

*Abbreviation(s):*

*Synonym(s):*

The Enterprise Administration Module (EAM) allows a user to control and monitor any number of Ignition Gateways from a central Gateway. The EAM takes advantage of the Gateway Network system to seamlessly deliver data between Gateways.

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## EAM Created Dec 29, 2020 (10:29) by Unknown User (Anonymous User)

*Abbreviation(s):*

*Synonym(s):*

See Enterprise Administration Module.

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## ETL Created Dec 29, 2020 (10:29) by Unknown User (Anonymous User)

*Abbreviation(s):*

*Synonym(s):*

Extract, Transform and Load (ETL) describes three database functions that are combined into one tool to pull data out of one database and place it into another database. This process is used in data warehousing responsible for pulling data out of the source systems and placing it into a data warehouse.

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## Extract, Transform and Load Created Dec 29, 2020 (10:30) by Unknown User (Anonymous User)

Abbreviation(s):

Synonym(s):

See ETL.

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## Extensible Markup Language Created Dec 29, 2020 (10:30) by Unknown User (Anonymous User)

Abbreviation(s):

Synonym(s):

See XML.

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## ERP Created Dec 29, 2020 (10:30) by Unknown User (Anonymous User)

Abbreviation(s):

Synonym(s):

See Enterprise Resource Planning.

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[A](#) [B](#) [C](#) [D](#) [E](#) [ExportRoot](#) [F](#) [G](#) [Glossary](#) [H](#) [I](#) [J](#) [K](#) [L](#) [M](#) [N](#) [O](#) [P](#) [Q](#) [R](#) [S](#) [T](#) [U](#) [V](#) [W](#) [X](#) [Y](#) [Z](#) .

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