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2 A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

(H) **17** terms

handshake Created Sep 11, 2018 (21:30)

Handshake refers to a way for two systems to signal each other without direct communication. For example, a PLC might set a bit in one of its tags to True, then a Transaction Group will see that tag value as a trigger to run. When finished, the Transaction Group will set the value back to False to inform the PLC.

HASP Created Sep 11, 2018 (21:30)

Hardware Against Software Piracy (HASP) is a technology that allows us to provide a physical (USB) CD Key (used with the HASP module) instead of the traditional 6 digit Ignition CD Key. This allows users to quickly move a license from one computer to another.

historian Created Sep 11, 2018 (21:30)

Synonym(s): high-performance historian

A system that stores historical data, usually in a database. Ignition's high-performance historian uses a few tricks to store data in a relational database (SQL Server, MySQL, etc.) and to only store the data you need in such a way that it is very fast to retrieve.

hot swap Created Sep 11, 2018 (21:30)

Synonym(s): hot-swap hot-swappable

This term is used to indicate that changes made the modules in Ignition can be done without stopping Ignition.

HMI Created Sep 11, 2018 (21:30)

Human Machine Interface (HMI) is the user interface that allows people to interact with the machines and PLCs in their facility. Systems that monitor and control entire plants and provide historical and statistical data are often referred to as HMIs. The Vision module allows Ignition to act as an HMI by creating windows and launching clients to interact with your process.

HTML Created Sep 11, 2018 (21:30)

HyperText Markup Language (HTML) is the standard markup language for creating web pages and web applications. HTML defines the structure, layout, and style of a web document by using tags and attributes. HTML tags are surrounded by angle brackets, for example: <tagname>content goes here...</tagname>.

An HTML document structure starts with <HTML><HEAD>(enter here what document is about)<BODY> and ends with </BODY></HTML>. All the information you'd like to include in your Web page fits in between the <BODY> and </BODY> tags.

Hypertext refers to the fact that the document contains links that allow the reader to jump to other places in the document or to another document altogether.

HTML is commonly used in the Vision module to change the font or add line breaks in buttons and label components.

HTTP Created Sep 11, 2018 (21:30)

HyperText Transfer Protocol (HTTP) is the protocol for moving information across the Internet. All webpage addresses begin with 'http://' or 'https://' (for a secure connection) but most new browsers hide this from you. We say Ignition uses HTTP to communicate between the Clients and the Gateway. This just means that Ignition is using an existing, proven technology to transfer its information throughout the network.

Hardware Against Software Piracy Created Oct 3, 2018 (18:15)

See HASP.

Human Machine Interface Created Oct 3, 2018 (18:15)

See HMI.

HyperText Markup Language Created Oct 3, 2018 (18:15)

See HTML.

HyperText Transfer Protocol Created Oct 3, 2018 (18:16)

See HTTP.

High-Speed SECS Message Services Created Nov 17, 2018 (00:05)

See HSMS.

HSMS Created Nov 17, 2018 (00:06)

The High-Speed SECS Message Services (HSMS) protocol is transport protocol for communication between computers in semiconductor factories. HSMS defines a TCP/IP based Ethernet connection and is intended as a high-speed alternative to the simple SECS-I protocol. See also SECS/GEM.

HSL Created Dec 5, 2018 (19:46)

HSL (hue, saturation, and lightness) settings used to adjust the way a color is displayed. Hue is a degree on the color wheel from 0 to 360. 0 is red, 120 is green, 240 is blue. Saturation is a percentage value; 0% means a shade of gray and 100% is the full color. Lightness is also a percentage; 0% is black, 100% is white. In Ignition, some component properties have HSL options, such as row highlighting in the Perspective Table component.

hue, saturation, and lightness Created Dec 5, 2018 (19:46)

See HSL.

HTTP Strict Transport Security Created Aug 2, 2019 (21:14)

HTTP Strict Transport Security (HSTS) is a widely supported web security policy standard to protect visitors by ensuring that their browsers always connect to a website over HTTPS. HSTS exists to remove the need for the common, insecure practice of redirecting users from http:// to https:// URLs.

HSTS Created Aug 2, 2019 (21:14)

See HTTP Strict Transport Security.
