

OPTIMATE INTEGRATOR FOR PI SYSTEM TO SPLUNK

Frequently Asked Questions

WHAT DOES THE INTEGRATOR DO?

- The Integrator allows you to run searches from Splunk against one or more OSIsoft PI systems, leveraging the functionality of both OSIsoft PI and Splunk.

WHAT OPERATING SYSTEM DOES THE INTEGRATOR WORK ON?

- The Integrator is written in Java so it will work on both the Windows and Linux versions of Splunk.

WHERE IS THE INTEGRATOR INSTALLED?

- The Integrator is installed on the Splunk Server and it will submit searches to the OSIsoft PI system.
- The Integrator can be installed and updated from the Splunkbase. Refer www.splunkbase.com.

ARE THERE ANY SPECIFIC PREREQUISITES ON THE SPLUNK SERVER?

- Splunk, version 6.6 or above.
- On MS Windows the minimum requirement is Java JRE 1.7.x and for Linux it is Oracle Java SDK 1.7.x or Open JDK 1.7.x.

ARE THERE ANY SPECIFIC NETWORK REQUIREMENTS?

- A port (default 443) is used for HTTPS connectivity between Splunk and the PI Web API. The port number is customizable via the Integrator configuration page within Splunk.

ARE THERE ANY SPECIFIC PREREQUISITES FOR MY OSISOFT SYSTEM?

Yes, there are a number of prerequisites that must be configured for the Integrator to function properly. Refer to the Installation Guide document link on Splunkbase or the Installation Guide document link on the Optimate website.

IS THE INTEGRATOR SECURE?

- The Integrator can be configured to run over HTTPS/SSL.
- Access to the OSIsoft PI Web API is restricted to Active Directory controlled accounts and all data is encrypted.

HOW IS THE INTEGRATOR LICENCED?

- The Integrator comes with a 30 day free single host trial licence.
- Integrator licencing is based on the number of OSIsoft PI System hosts accessed. The licence supports single hosts or OSIsoft PI system collectives.
- The Integrator can be purchased as an annual subscription or a perpetual licence.
- Annual subscriptions of an Integrator licence come with one year of support.
- Licence price is based on selection of:
Either a perpetual or an annual subscription licence (after 365 days the Integrator will no longer function) or the number of PI System hosts to be connected and searched by Splunk.
For example, a single server with PI Data Archive and or PI AF is considered one host so one licence. Two servers, one with PI Data Archive and another with PI AF is two separate hosts so two licences. A PI HA collective, either PI Data Archive or PI AF is considered a single host and as such is a single licence.
- One Integrator licence grants unlimited concurrent user access.

IS THE INTEGRATOR EASY TO USE?

- Yes, it is. The Integrator utilizes the existing Splunk ‘Search Processing Language’ to access PI Data Archive tag data.
- There is full integration with all Splunk dashboarding and other features such as the Machine Learning Toolkit.

HOW DO I GET HELP?

- There is an easy to use Command Reference page to guide you through the use of typical and advanced PI searches.
- Refer to the “Documentation/Links” section on the [Optimate](#) website.
- Refer to the links in the Integrator Details page on [Splunkbase](#).
- Contact Optimate via its website or email support@optimize.net.au.