



Web Services Module

MES BUILT ON IGNITION®

The Sepasoft™ Web Services module gives your Ignition® Gateway the ability to communicate with modern and legacy web services. Web Services will enable you to consume data from and send data to remote and local Web Services, via both REST and SOAP protocols. What's more, the Web Services module turns your Ignition® Gateway into a RESTful and SOAP web service, so that you can be the source of accurate data at any time.

Obtain and Transmit Vital Information

The Web Services module's consumer or client functionality gives your gateway the power to retrieve and send data to web services. It can enable you to obtain weather or mapping data from a RESTful API, or gather upcoming work orders from your ERP's SOAP interface. The Web Services module's intuitive interface lets you configure your request once, and then apply it across your Ignition® projects. No more rewriting complex REST queries—simply run your custom-configured Web Service.

Be the Web Service

Web Services also enables you to be a provider of data, via REST or SOAP. Rather than generating and passing around static reports, you can enable your organization to retrieve up-to-date production data on-demand. What's more, you can also give others the power to perform actions from outside of the Ignition® context. Clear alarms, edit your production schedule—you can make a Web Service for nearly anything you can do in Ignition®, giving the right people the ability to make choices and enabling remote systems to perform operations. The Web Services module even demystifies the SOAP protocol, giving you a simple UI to create the data structure you wish to serve, and autogenerating your Web Services Description Language file!

Features

- RESTful Client
- SOAP Client
- RESTful Provider
- SOAP Provider
- Use Ignition Tags + Expressions for inputs

Supported Operating Systems

- Windows Server 2008/2012/2016
- Windows 7, 8, 10, or later
- Ubuntu Linux 12.04 or later
- Other Java SE enabled OSes²

Requirements

- Ignition® Core Modules
- Java SE 8+ (server)
- Java SE 6, 7, 8, or 9 (client)
- Quad-core processor (32- or 64-bit)
- 8GB RAM
- 10GB free HD space
- (requirements vary by usage)

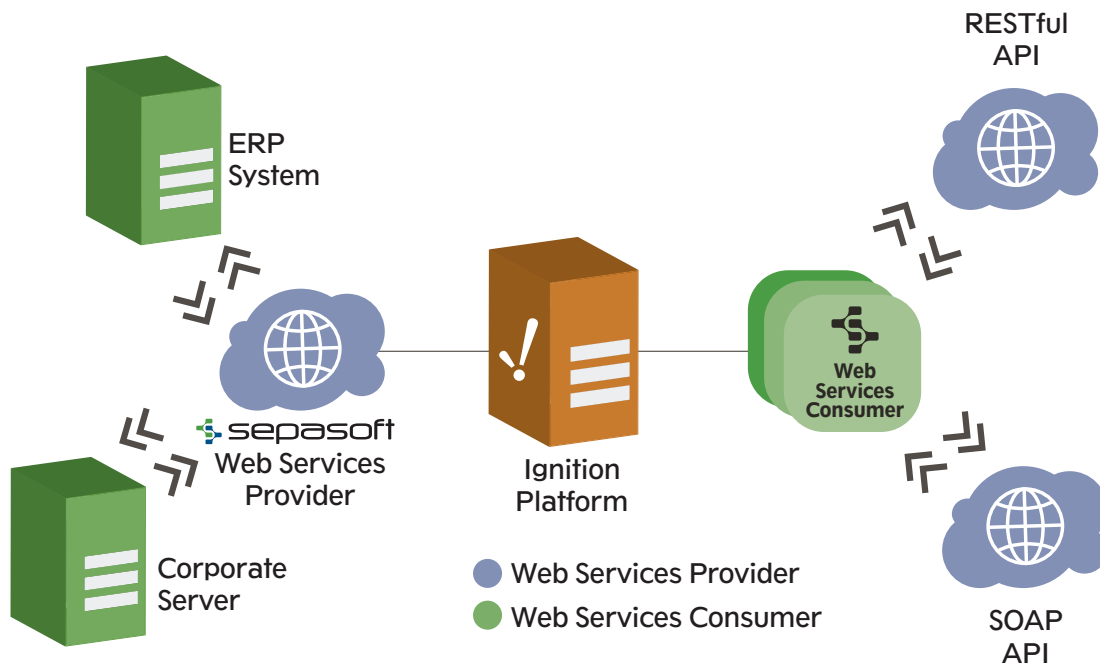
*Ignition® is compatible with any Java-enabled operating system. Full support is only offered for listed operating systems.



Built-in Security

Web Services consumers can successfully communicate with Web Services that use Basic, Digest, and NTLM security protocols, ensuring that your communications are secure. Web Services providers can be configured to use your existing Ignition® User Sources, so your Web Service is every bit as secure as your gateway. In addition, all communications can be sent via SSL, ensuring your communications are encrypted and secure.

Web Services Provider and Consumer Relationships on the Ignition® Platform.



The Web Services Module is available for download at the Inductive Automation Website:
inductiveautomation.com/downloads/ignition