

# INTEGRATION OVERVIEW

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**clear**  
**spider**

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# What is Integration?

Integration is when multiple software applications are linked together to work with each other. Through integration, different systems are able to communicate with each other to pass data. This creates a way for organizations to achieve a seamless flow of information, even if there are multiple software applications in place.

## Why Integration?

In today's fast-paced business environment, organizations have an increasing need for more specialized software applications. Instead of using one generic enterprise resource planning (ERP) system, organizations are now using multiple software applications to achieve specialization in individual business areas. When this occurs, it opens the door for potential issues with information flow between systems. Having seamless and automated integration between systems is one way to minimize, if not eliminate, this risk.

This topic is especially relevant when it comes to inventory management systems. Many organizations hold a large amount of their value in inventory. This is why it is crucial that inventory is managed efficiently and accurately across the organization. Not only does Clear Spider provide clients with highly specialized inventory software, we also offer secure integrations with any software application on the cloud.

We have integrated with ERP, Accounting, Customer Relationship Management (CRM), E-Commerce, Point Of Sale (POS), and shipping systems to provide our clients with their own customized process flow. Further your specialization in inventory management, while maintaining information flow with any other system you may have in place.



# How Do We Integrate?

Clear Spider has been integrated with a number of ERP, Accounting, CRM, E-Commerce, POS, and shipping systems for previous clients. A few of the software applications we have integrated with are SAP, Oracle, Sage, Microsoft Dynamics, Infor, Salesforce, and Shopify (complete list on page 5). Our list of integrations will only continue to grow as we partner with new clients. No two organizations have the same needs, especially when it comes to software applications. That is why we have simplified our integration process, so that our system can be integrated with any enterprise software on the cloud.

We use web services to automatically pass files between Clear Spider and other applications. The web services framework allows the interchange of data in formats such as XML and tabs-delimited. This is done through a request and response from each software application respectively. The request includes a directory of what data points are needed so that the response transfers all the necessary information. At Clear Spider, we currently have over 35 web services in place for integration purposes. These frameworks enable us to securely move files between applications in real-time or in scheduled batches.

In addition, the web services track errors and issues, which send a notification to the system administrator through a web front-end, email, or pager. This automated attendant is easily configured to ensure that integrations can be built quickly and managed with limited effort.

For those companies with an existing integration infrastructure, the web services can simply act as an agent. This ensures there is no overlap with the existing framework.



# The Integration Process

When setting up integrations we want to make the process simple for our clients. All we need from a new client is basic organizational information. This is so we can cater the integrations to their unique workflow. The two specific pieces of information we need are a defined process, and the integration points.

## Defined Process

The first question we need to answer is which system(s) require integration into the setup. We want to know what your current business processes look like, any future plans, and what other software applications you need to support your operations. We have the ability to integrate with a limitless number of software applications. Knowing your business requirements is the first step in setting up integrations.

## Integration Points

Next we need to know what data needs to be transferred and when it should happen. Most systems have public API's that contain directories outlining what information will be passed through integration. We can customize this based on organizational preference. We outline item information and formatting ,so the data is organized and ready for use after it has been transferred.

After we know what data is being transferred, we need to know when it should happen. Data transfers can happen in real-time or in scheduled batches. You can have data passed between your systems 24/7, just when a transaction occurs, or at any other time. We will write this timing into your integration so that the data is always up-to-date when you need it.



# Benefits



## Minimize Errors

Manually transferring data between systems can increase the risk of bad data being entered. Seamless integration eliminates human error by automatically transferring files between systems.



## Reduce Labor Costs

Many companies spend enormous amounts of time and money manually transferring data between their software systems. With Clear Spider's flexible cloud-based software, your organization eliminates the need for manual data transfer. Put those efforts back into value adding activities for your organization.



## Enhance Collaboration

With Clear Spider, you can give your customers or suppliers access to your inventory system. Based on pre-set permissions, your customers or suppliers can view or edit items in your system. This makes collaboration with partners simple and straightforward for any system setup.



## Simplify Complexity

Eliminate the stress of integrating with your suppliers and other third-party service providers through Clear Spider's automated processes. Always have the most current data no matter who is updating the system or where it is done.



## Optimize Inventory Management

Optimize your inventory management by integrating your current system with Clear Spider. Most standard systems do not have the features needed to fully optimize inventory. Our system integrates with any software application on the cloud to provide specialized inventory software, without replacing your current system.



## Increased Visibility

Increase visibility by having one location to store all inventory information. Streamline the data flowing between Clear Spider and other software systems. Have full visibility into your supply chain and inventory levels at all times.



Today, over 100,000 companies use Clear Spider on a daily basis.

Clear Spider is a web-based inventory management solution for companies to manage either their own inventory or the inventory of their customers and suppliers. There is no hardware or software installation, so deployment is quick.

Clear Spider is easy to learn, use, and maintain.

Interested in learning more?  
Contact us to discuss you integration and inventory management needs.

Today, over 100,000 companies use Clear Spider on a daily basis.

Call: 1-855-90-CLEAR (25327)  
Email: [info@clearspider.net](mailto:info@clearspider.net)  
Website: [clearspider.net](http://clearspider.net)

The logo for Clear Spider features the word "clear" in a white, outlined, sans-serif font, positioned above the word "spider" in a solid blue, sans-serif font. The two words are stacked vertically and slightly offset to the left.

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