Are you new to Ensemble? InterSystems provides several tools to learn the basics of Ensemble and get on your way to becoming an expert in the technology. Before installing Ensemble, take a look at the [Ensemble Technology Overview](#) and [Getting Started with Ensemble](#) in documentation. Respectively, these documents explain features and major components of Ensemble as well as how to install the software.

DOWNLOAD

Once you have the framework for what Ensemble is, you are then ready to install it on your machine. Visit the [WRC Direct](#) for the most current release of the product. On this page, you will use your WRC credentials to sign in. If you do not yet have credentials, contact our [support team](#) via e-mail or phone or [request a free proof of concept](#). Without a valid license, many critical Ensemble pages are not available. Typically you can take the defaults if just installing for a test system but follow the Installation Guide found in release notes in [Getting Started with Ensemble](#) for more information about all the installation options.

FIRST LOOK

Once Ensemble is installed, you'll notice you have a blue E in your task bar. Clicking on the cube, you can access all the tools of Ensemble. The tools are as follows:

- **Studio** is the development environment where developers can create custom components.
- **Terminal** is the command prompt that allows you to run lines of code.
- The **Management Portal** is a great first place to go as it is a web portal that allows you to configure the system, and perform system administration and management tasks. The Ensemble tab allows you to work with and set up all the parts of an integration solution.
- **Documentation** provides information about InterSystems core technologies and includes tutorials, guides, references and articles. This documentation is the same content that you were able to access from the above online documentation but also includes a class reference guide relating to your specific code.

The Management Portal offers many pages that help with Ensemble functions. The first pages to visit are:

- **Configure Production** to view all components in an integration solution, see how they are connected to each other, modify settings and add new components.
- **View Messages** to view all messages that have been sent through Ensemble.
- **View Event Log** to see errors, warnings or information regarding events in Ensemble.
- **Monitor Production Monitor** to monitor that all connections and components are running as expected.

LEARN

Ensemble is typically used in two ways: First, Ensemble can be used to create custom components to receive data, process data and send data in very specific but varied ways.

Second, Ensemble can start with pre-built HL7 components often used in healthcare facilities. Using pre-built HL7 components requires less programming knowledge upfront but can also include custom components as well. InterSystems provides several tools to continue learning how to work with either HL7 components or custom components.

With Ensemble installed, the best place to start is looking at the provided Documentation. For those creating custom components, a great book to read is Developing Ensemble Production in Ensemble Development Guides. You can also follow along with the Tutorials and learn about the basics of the technology. The Tutorials include many hands-on exercises to help you better grasp the material. Two great Tutorials to start with are [Testing Ensemble Productions Tutorial](), which teaches you how to test components in a Production for those building custom components and [Ensemble HL7 Message Routing Tutorial](), which teaches how to route HL7 messages for those using the pre-built HL7 components. Additionally, you can continue to learn by watching screencasts in the video library. Watch [Ensemble in Healthcare Developer playlist]() or [Getting Started with Ensemble and HL7 playlist]() for sets of videos that teach you how to build custom components and HL7 components respectively. These videos are available 24/7 with no login and let you see and get a feel for how to get around the Caché environment.

If you prefer to learn from an instructor, InterSystems offers many great courses that are designed to fit your needs. Either attend a course with other customers at an InterSystems facility or have an instructor come to your site. In either case, learn about our course offerings on the [InterSystems Ensemble Course Schedule](). Courses are offered at various lengths and include lecture, demonstrations and hands-on exercises.
To discover more ways to learn, visit the [Ensemble Fast Track]() which lists recommended documentation, tutorials, webcasts and courses based on job function and experience level.

If you have questions about our educational offerings, please feel free to contact our Learning Services department at [education@InterSystems.com]().

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