

Prerequisites

This subsection covers the following topics:

- General Prerequisites
 - Special Considerations
 - Platforms and Required Middleware
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General Prerequisites

Before you can install Entire Operations, the following Software AG products must already be installed at your site:

- Adabas Version 7.1.2 or higher;
- Natural Version 3.1.4 or higher;
- Entire System Server Version 3.1.1 or higher; note that you require Entire System Server Version 3.1 or higher if you intend to access mainframe system resources and jobs from an Entire Operations running in a UNIX environment.
- System Automation Tools (SAT) Version 3.1.2 or higher;
- Natural Security (optional);
- Entire Network (optional); this product is required for any kind of multi-CPU constellation where mainframe and/or UNIX and/or Windows partners are involved (non-local);
- Entire Broker Version 5.3.1 for BS2000/OSD or VSE/ESA;
EntireX Broker Version 5.6.1 for OS/390;
EntireX Broker Version 5.2.1 for UNIX or Windows platforms;
This product is required for any kind of multi-CPU constellation, if one partner is a UNIX system or Windows or different UNIX systems are involved. Entire Broker is not required, if you are running Entire Operations on a UNIX or Windows platform and controlling the job networks on a mainframe system;

The installation procedure for Entire System Server is described in the Entire System Server Installation and Customization Documentation.

The installation procedure for SAT 3.1.2 is described in the System Automation Tools Documentation.

Special Considerations

DBID 148 is reserved for Entire System Server and must not be used for any data base.

Platforms and Required Middleware

The following products are required to connect the individual platforms:

Online System / Monitor	Job Execution	Connection / Products
mainframe	mainframe (local *)	none
mainframe	other mainframe	Entire Network
mainframe	UNIX	Entire Network and Entire Broker
mainframe	Windows	Entire Network and Entire Broker
UNIX	UNIX (local *)	none
UNIX	other UNIX	Entire Network and Entire Broker
UNIX	Windows	Entire Network and Entire Broker
UNIX	mainframe	Entire Network

* **Local** means that the Entire Operations online system is installed on the same machine on which jobs are executed.

Combinations are also possible. For example, if you want to install the Entire Operations online system on one mainframe and execute jobs on another mainframe and another UNIX or Windows machine, you would need:

- 3 Entire Networks (one for each system to be connected) for connecting to the other mainframe and to UNIX or Windows, and
- Entire Broker (on one system) for connecting to UNIX or Windows.