

# Overview

This section tells you how to install or upgrade Entire System Server (abbreviation: NPR) on UNIX platforms, and describes the parameters required for a successful startup of the product.

The method used for installation is a mixture of documentation and automated functions which are executed in a simple, straightforward manner via shell scripts.

Before you begin, ensure that your computer meets the minimum hardware and software requirements as recommended below.

You must have access to the **root** account and be thoroughly familiar with the system generation process and all other system requirements. With reference to Entire Net-Work or Entire Broker, it is also assumed that you have a fundamental knowledge of the Entire Net-Work or Entire Broker administration.

For more information, see the section Installing and Setting up SAG Products on UNIX Platforms of this documentation.

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## Important:

Before installing and starting to operate the product, you must take into account the following information:

- The Entire System Server version uses the UNIX Interprocess Communication mechanism intensively. This IPC mechanism includes shared memory, message queues, and semaphores.
- The current version of Entire System Server service must be owned by **root** and have the **setuid** bit set.
- Shared libraries for NPR are copied to **/usr/local/lib** during the installation process. In order to prohibit unauthorized use of NPR libraries, all objects in directory **usr/local/lib** must be protected via **root** access requirements.