

Installation













This documentation describes step by step how to install Natural with Adabas or VSAM system files on IBM and compatible systems running under the operating system z/OS, z/VSE, VM/CMS or BS2000/OSD.







For the supported versions of the operating systems, refer to *Operating/Teleprocessing Systems Required* in the current Natural *Release Notes* for Mainframes.

Installation instructions for TP monitor interfaces and certain Natural subproducts are also included in this documentation.

For installation-related information on Unicode and code page support, refer to *Configuration and Administration of the Unicode/Code Page Environment* in the *Unicode and Code Page Support* document.

The Natural Installation documentation is organized under the following headings:

	General Installation Information	Prerequisites, overview of the installation process, information on INPL format, installation options, Natural system files, using VSAM system files, using installation jobs generated by System Maintenance Aid (SMA), creating your own installation jobs.
	Licensing Natural	Information on license key file, license key file installation, product license check and product license check FAQs.
	Installing Natural under z/OS	How to install Natural under the operating system z/OS using Adabas system files.
	Installing Natural under z/VSE	How to install Natural under the operating system z/VSE using Adabas system files.
	Installing Natural under VM/CMS	How to install Natural under VM/CMS using Adabas system files.
	Installing Natural under BS2000/OSD	How to install Natural under the operating system BS2000/OSD using Adabas system files.
	Installing the Natural Com-plete/SMARTS Interface	How to install the Natural Com-plete/SMARTS Interface (NCF). *
	Installing the Natural CICS Interface	How to install the Natural CICS Interface (NCI).
	Installing the Natural IMS TM Interface	How to install the Natural IMS TM Interface (NII).
	Installing the Natural TSO Interface	How to install the Natural TSO Interface (NTI).
	Installing the Natural UTM Interface	How to install the Natural UTM Interface (NUT).
	Installing the Natural TIAM Interface	How to install the Natural TIAM Interface (NRT).

	Installing the Entire System Server Interface	How to install the Entire System Server Interface which is required if the product Entire System Server or Natural ISPF is to be used.
	Installing Natural Security	How to install Natural Security (NSC) on a mainframe computer under all mainframe operating systems and TP monitors supported by Natural using an Adabas database.
	Installing the Software AG Editor	How to install the Software AG Editor which is an optional feature that represents basic functionality within Natural, exclusively used by several Natural subproducts and other Software AG products.
	Installing the Natural Net Data Interface	How to install the Natural Net Data Interface NATNETTO which supports the EntireX CICS 3270 Bridge and similar client/server solutions in message-oriented server environments, that is, TP monitors.
	Installation Steps for REQUEST DOCUMENT and PARSE XML	Describes the installation steps required to enable the use of the Natural statements REQUEST DOCUMENT and PARSE XML.
	Overall Installation Verification	How to verify the successful completion of the preceding installation procedures: installation verification for base Natural and installation verification for the TP-monitor interface installed.

* Corresponds to Natural Complete Interface.

Supplementary Documents

The Natural Installation documentation is supplemented by the following documents:

- *Natural Operations*
- *Natural TP Monitor Interfaces*
- *System Maintenance Aid* (separate documentation on the Natural Documentation CD-ROM and on Software AG's Empower web site at <https://empower.softwareag.com>.)

For details of the utility used for loading the Natural system objects, see also the INPL utility.

For information on the installation of the Natural add-on products, see the following documents:

- *Natural Advanced Facilities*
- *Natural Connection*
- *Natural for DB2 Database Interface*
- *Natural SQL Gateway*
- *Natural for SQL/DS*

- *Natural for DL/I Database Interface*
- *Natural for VSAM Database Interface*
- *Natural Optimizer Compiler*
- *Review Natural Monitor*
- *Entire Transaction Propagator*
- *Natural SAF Security*

For information on installing the Natural Development Server under the various operating systems, refer to the platform-specific installation instructions in the separate *Natural Development Server* documentation.