

# Installing Natural Connection

This section describes how to install Natural Connection under the operating systems OS/390, VSE/ESA, BS2000/OSD and VM/CMS:

- General Information
  - Installation Tape - OS/390
  - Installation Tape - VSE/ESA
  - Installation Tape - BS2000/OSD
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## General Information

The section below covers the following topics:

- Prerequisites
- Installation Jobs
- Using System Maintenance Aid

## Prerequisites

To use Natural Connection, Entire Connection must be installed.

For further information, refer to the products and versions specified under Natural and Other Software AG Products and Operating/Teleprocessing Systems Required in the current Natural Release Notes for Mainframes.

## Installation Jobs

The installation of Software AG products is performed by installation jobs. These jobs are either created manually or generated by System Maintenance Aid (SMA).

For each step of the installation procedure described below, the job number of a job performing the respective task is indicated. This job number refers to an installation job generated by SMA. If you are not using SMA, an example installation job of the same number is provided in the job library on the Natural installation tape; you must adapt this example job to your requirements. The job numbers on the tape are preceded by a product code (for example, NTCI061).

## Using System Maintenance Aid

For information on using Software AG's System Maintenance Aid (SMA) for the installation process, refer to the System Maintenance Aid documentation.

## Installation Tape - OS/390

The installation tape contains the datasets listed in the table below. The sequence of the datasets is shown in the Report of Tape Creation which accompanies the installation tape.

Dataset Name	Contents
NTC <i>nnn</i> .LOAD	Natural Connection load modules.
NTC <i>nnn</i> .INPL	Natural Connection example programs in INPL format.

The notation *nnn* in dataset names represents the version number of the product.

### Copying the Tape Contents to Disk

If you are using System Maintenance Aid (SMA), refer to the SMA documentation (included on the current edition of the Natural documentation CD).

If you are **not** using SMA, follow the instructions below.

This section explains how to:

- Copy data set COPY.JOB from tape to disk.
- Modify this data set to conform with your local naming conventions.

The JCL in this data set is then used to copy all data sets from tape to disk.

If the datasets for more than one product are delivered on the tape, the dataset COPY.JOB contains the JCL to unload the datasets for all delivered products from the tape to your disk.

After that, you will have to perform the individual install procedure for each component.

### Step 1 - Copy data set COPY.JOB from tape to disk

The data set COPY.JOB (label 2) contains the JCL to unload all other existing data sets from tape to disk. To unload COPY.JOB, use the following sample JCL:

```
//SAGTAPE JOB SAG,CLASS=1,MSGCLASS=X
//* -----
//COPY EXEC PGM=IEBGENER
//SYSUT1 DD DSN=COPY.JOB,
// DISP=(OLD,PASS),
// UNIT=(CASS,,DEFER),
// VOL=(,RETAIN,SER=<Tnnnnn>),
// LABEL=(2,SL)
//SYSUT2 DD DSN=<hi lev>.COPY.JOB,
// DISP=(NEW,CATLG,DELETE),
// UNIT=3390,VOL=SER=<vvvvvv>,
// SPACE=(TRK,(1,1),RLSE),
// DCB=*.SYSUT1
//SYSPRINT DD SYSOUT=*
//SYSIN DD DUMMY
//
```

Where:

<hilev> is a valid high level qualifier

<Tnnmn> is the tape number

<vvvvvv> is the desired volser

## **Step 2 - Modify COPY.JOB to conform with your local naming conventions**

There are three parameters you have to set before you can submit this job:

- Set HILEV to a valid high level qualifier.
- Set LOCATION to a storage location.
- Set EXPDT to a valid expiration date.

## **Step 3 - Submit COPY.JOB**

Submit COPY.JOB to unload all other data sets from the tape to your disk.