

Release Notes Version 2.5.2

This document provides an overview of how Natural ISPF Version 2.5.2 differs from the previous version.

Important Note:



With the release of Natural ISPF Version 2.5.2, versions lower than 2.5.1 can no longer be supported. You are therefore urged to migrate to the current version at your earliest convenience.

With the release of the next Natural ISPF version, support for Version 2.5.1 will be stopped.

This document covers the following topics:

- Prerequisites
 - Migration
 - New Features
 - Solved SAGSIS Problems
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Prerequisites

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

- Natural Version 3.1.6 or higher, including the Software AG Editor. If Natural 3.1.6 is used, solution fix NAT316L004 is required.
- Entire System Server 3.1.2 to access operating system data (optional)
- Entire System Server 3.2.1 and Natural 3.1.6 to exploit the new features (optional)
- System Automation Tools 3.1.3 (Service Pack 1 recommended) for Mainframe Navigation is required for SPoD users only.
- If VSAM files are used: Natural VSAM Version 3.1.6 or higher (optional).
- For an initial installation using Adabas system files, Adabas Version 7.1.2 or higher is required.
- If Predict is installed, Version 4.1.2 or higher is required.

Migration

- Migrating Version Data

Versioning and profile data has changed since Natural ISPF 2.5.1 and is not downwardly compatible with earlier versions. If you upgrade from a version lower than Natural ISPF 2.5.1, a migration is required. In this case, we recommend that you make a copy of your versioning file and of all Natural members in library SYSISPFU before starting the installation.

If you are upgrading from a Natural ISPF version below version 2.5.1, then:

- Node table must be migrated using program ISPMINOP (delivered in library SYSISPI).
- Since the structure and length of Natural ISPF session data has changed, all user exits must be recompiled using the data areas installed with this version. If the field NODE or JOB-NUMBER is used in a user exit, check whether it will work with the new/extended format of these fields.
- All routines using the Open NSPF infrastructure must be recompiled with the new operation data format.
- Due to the format changes, any default values which are usually displayed in entry panels will be deleted when an entry panel is invoked for the first time.
- If you need any Com-plete user exit examples, you will now find them in the Natural library SYSISPE:

- § UDSLNK
- § UUPLNK
- § UXELNK

Migrating Version Data

As of Natural ISPF Version 2.5, a new logical format of the versions file is used. No Adabas FDT or VSAM structure must be changed. Migration must be performed within the file.

Migration can be performed with SMA Job I200, Step 2005. At startup time, Natural ISPF checks for old version records. If migration has not executed or only in part, versioning is disabled.

For details, see Step 11: Loading / Migrating the Natural ISPF Versions File of the Installation.

New Features

Natural ISPF 2.5.2 is a maintenance release of problem solutions. However, there have been some functional changes:

- 7-byte job numbers are now supported. This means that the job listing of active jobs had to be changed slightly to fit all columns on the screen. The CPU time is shown in seconds up to 10 minutes, then it switches to minutes. This allows tenths of seconds to be displayed so that you ascertain that a job is still running.
- Natural ISPF 2.5.2 supports Mainframe Navigation which is part of "Single Point of Development". If Natural ISPF 2.5.2 is installed, it acts as a server for Mainframe Navigation.

Solved SAGSIS Problems

This section describes solved SAGSIS problems for Natural ISPF.

The following problems have been solved and integrated into this release:

Problem	Description
206281	Direct cmd purge doesn't work
228702	Msg. ESY5722 instead of ESY5728
238509	VSE: edit member - NAT5861
238519	VSE: VSAM files not supported
239254	Error NAT0936 in INSTALL
239266	ISPF migration shows wrong screen
240237	NAT0936 if job is to be listed
240540	Jobs bs2000 isp25
240542	Sample macro mac-head
240649	Filter dialogs don't show results
241726	Incore DB uses GDAs, no need
241741	Recover and Save : NAT0083
242008	NAT0036 if job is to be listed
242051	Allow allocation of LMS library
242073	Generation Comm. Processor Fails
242152	NAT1316 in IS25TVKN at migration time
242301	Wrong delivery library ISPMINOP
242370	NAT0972 during Export of an MVS dataset
242590	NAT0954 in ISP-BRWS, line 4785
242939	NAT0972 during browse view
243319	VIEW / Start End value faulty
243678	CPU time truncated in active job
244087	PROF-LANGUAGE = 1 required