

Entire System Server 2.2.2 Release Notes



For further information, you should also read the **Entire System Server 2.2.1 Release Notes** which are delivered with Version 2.2.2 on the current Natural Documentation CD-ROM and in printed form.

References contained in the Version 2.2.1 Release Notes generally refer to the corresponding Version 2.2.1 manuals which are included in the Version 2.2.2 documentation set as PDF files only. Formal differences to the current release documentation may exist, for example, Software AG product names (Natural, Adabas, etc.) are written in capital letters.

These Release Notes provide an overview of solved problems provided for Entire System Server 2.2.2.

This document covers the following topics:

- Support of Previous Versions
 - Prerequisites
 - Solved SAGSIS Problems on OS/390
 - Solved SAGSIS Problems on VSE/ESA
 - Solved SAGSIS Problems on BS2000/OSD
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Support of Previous Versions

With the release of Entire System Server 2.2.2, versions of Entire System Server lower than 2.1.4 can no longer be supported. You are therefore strongly advised to migrate to the current version at your earliest convenience.

Note:

Since Natural 2.3.4, the installation of ESX 2.3.x under Natural Version 2.3.4 is described in the Natural 2.3.4 Release Notes. For new features and change enhancements, please refer to the Entire System Server 2.2.1 Release Notes.

Prerequisites

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

- Adabas Version 6.2 or above;

If you are using Entire System Server Version 222, Adabas Version 711 and Natural Version 312, please apply zap AO711027 in the Adabas load library.

- Natural Version 2.3.4 or above;

There are the following additional prerequisites for SYSPROD running with Entire System Server:

- For NAT234: the fixes NA23425 and NA23439
- For NAT312: the fix NA31206

Apply the fixes as described below:

Step	Procedure
1	Change the text from NPR to ESY in the member NATCONFIG in NAT234.SRCE or NAT312.SRCE.
2	Arrange ESY in alphabetical order.
3	In both cases, the Natural module NATCONFIG has to be reassembled and linked.
4	Load NPR222.INPL.
5	As described in the Natural Installation Manual Step 6, the Natural Nucleus has to be relinked.

- Entire System Server Interface (provided with Natural 2.3.4);
- Entire Net-Work Version 5.4.1 (optional, for multi-CPU support).
- Predict Version 3.2 or above (optional).

The Entire System Server services are available in any Natural environment that runs any or a combination of the following operating systems:

- OS/390 Version 2.4 or above,
- VSE/ESA Version 1.4.4 or above,
- BS2000/OSD Version 2 or above.

Solved SAGSIS Problems on OS/390

Problem	Description
181725	ESY5710 Allocation failed.
182929	Abend on operator command.
183397	Delete PS / alloc PS failed.
184051	COPY book missing on tape.
184149	ESY5710 ALLOC FAILED INVALID UNIT.
184158	Abend S0C2 in XCOMV007 at +2F4.
184189	View CATALOG and XCOMV008.
184285	ESY5508 Adabas Rsp 52.
184287	NAT7545 / ESY5510.
185000	Error ESY5782 message not correct.
185035	Invalid ESD-ADDRESS - load-module.
185046	OS/390 2.7 and 2.8 XCOMJES2.
185050	Change defaults NATWSPL2 NATWSP23.
185368	Abend S0C2 in XCOMDEV4 at +1BA.
185375	Abend S0C2 in XCOMV009 at +39E.
185577	Messages ESY0001I from NATWSPL2.
185583	ESY5631 Console table not found.
185636	ESY5710 Allocation failed message.
185881	Abend S0C4 Abend in XCOMV032.
186023	READ-SPOOL TYPE AL only 1 line.
187558	Abend S0C4 in XCOMJES2+X‡290AŸ
187905	NPR cannot be stopped.
187952	Expiration-date with YYYY/DDD.
188791	Abend S0C4 in XCOMV008+X‡0468Ÿ.
189021	Write-to-Spool for Natural 2.3.
189758	LOG-DATX in CONSOLE-LOG.

Further Solved SAGSIS Problems on OS/390:

Problem	Description
190490	Sometimes Monitor does not start.
190502	NCL terminates with S13E.
190511	S0C4 abend in ESYNMAIN.
190628	ESY5785 w/ MVTOC pgm in SYSNPE.
190650	JES2 Job Numbers > 32767.
190992	datx fields are blank.
191168	SYSPROD USR0050P.
191343	LIB-DIRECTORY - undefined results.
191393	IEC342I CATALOG ABEND.
191517	Several abends A0A-10 JES3.
191562	S0C4 CSECT ACF9CXT SYSTEM-COMMAND.
191643	ABEND S0C4 during startup.
191759	Missing error text.
192060	READ-FILE SCAN-LIMIT not precise.
192534	Abend S047 after SYSTEM-COMMAND.
192576	Start/end date blank.
192677	Assembly NATPAML error ASM044E.
192796	ESY3429 in SYSNPE FILE-ALLOCATE.

Solved SAGSIS Problems on VSE/ESA

Problem	Description
180030	SAT subtask with NAT228.
186436	SUBTASK NOMXTS00 CANCELED.
186783	ESY5508 Adabas Rsp 52.
186784	NAT7545 / ESY5510.
186785	Batch task abends with dump.
188156	NPR dumps after ADAEND.
188158	NPR dumps subtask during ADAEND.
188162	Error in Date Arithmetic 29.2.2000
189422	Storage not freed by NOM subtasks.
189935	Sporadically ESY5631.
189985	LOG-DATX IN CONSOLE-LOG
192138	Member VTAMNATP.B is missing.
192321	SYSTEM-INFO returns wrong date.

Solved SAGSIS Problems on BS2000/OSD

- Other Problems Solved on BS2000/OSD
 - Description
 - Cancelled Support

Problem	Description
178216	NAT23x, dyn. parms for subtask.
182482	Performance problem SPOOL V.4
183474	ESY5889 (DMS0D80) at SATSTART View processor NATURAL-SUBTASK cannot open temporary file on NK4 pubsets. Similar problems in view processors SUBMIT and WRITE-SPOOL solved.
183593	MAIN Task Dump after WTO NPR0064 in SERVER.
183678	NATPROC-LOGON gets Adabas response code 52.
183717	ESY0400E ENASI RC 0x10000004 if ESYCONS is executed with PROG- MOD=ANY
183807	SYSTEM-INFO gets response code 5510.
185893	Generated /EOF card in view processor NATURAL-SUBTASK.
185911	ESY0300E (IW48 in XCOMV035) after ADAEND.
185918	Entire System Server does not start with Adabas V.7.
188555	Performance problem SPOOL V4.

Other Problems Solved on BS2000/OSD

Description

- Upper limit of Natural subtasks increased from 20 to 100.
- Execute NPRINIT in MAIN task with PROG-MOD=ANY.
- Deferred ESY ADAEND processing to properly execute shutdown of internal products.
- Support different configurations of Natural batch driver to read dynamic parameters for Natural subtasking. The new startup parameter NATDYNPAR has been introduced to specify the input unit of dynamic parameters and a revised edition of the Natural subtask job skeletons is provided.
- Since Entire System Server supports BS2000/OSD V.2 and above, a console message will be issued if an earlier operating system version has been detected. Please note that the next release of ESY will require BS2000/OSD Version 2 and cannot run with older operating system versions.

The following message appears as warning:

XCO0091W BS2000/OSD V.2 or above is recommended.

Cancelled Support

Support of LMS Version 1 will be canceled with the next version of Entire System Server.