

iBaan Dimensions

**Installation and Deployment Guide -
iBaan Dimensions 6.0 SP14**

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About this document

This document is an Installation and Deployment Guide that describes the contents of Service Pack 14 and how to install Service Pack 14 on iBaan Dimensions 6.0. This document also describes the overlap with localizations for BackOffice and UNIX.

This document is intended for Baan IV installers and system administrators.

This document includes the following chapters:

- Chapter 1, “Introduction,” briefly describes Service Pack 14 for iBaan Dimensions 6.0.
- Chapter 2, “To install the Service Pack,” describes how to install Service Pack 14.
- Chapter 3, “Functional enhancements and important solutions,” describes the most important functional enhancements and important solutions of Service Pack 14.

Send us your comments

We continually review and improve our documentation. Any remarks/requests for information concerning this document or topic are appreciated. Please e-mail your comments to kd@baan.com.

In your e-mail, refer to the document number and title. More specific information will enable us to process feedback efficiently.

1 Introduction

Service Pack 14 for iBaan Dimensions 6.0 is intended for users of iBaan Dimensions 6.0.

You can use this Service Pack to upgrade existing installations.

Service Pack 14 contains:

- All Baan IVc4 bug fixes from March 3, 2003, through July 13, 2003, that had to be built into the Baan Dimensions software.
- All Baan Dimensions bug fixes from March 10, 2003, through July 31, 2003.

The Service Pack can be installed by means of the PMC tool on the following hardware platforms:

- UNIX
- Microsoft Windows

You can use the tool to install individual solutions, which you can download from the Baan Global Support Web site, or to install Service Packs.

The following table shows for which extensions and languages the Service Pack is available:

| Extension | Code | | | | | |
|----------------------------------------------------------------------|--------------|-----------|-------------|------------|------------|-------------|
| | | Dutch (1) | English (2) | German (3) | French (4) | Swedish (9) |
| iBaan Dimensions 6.0 SP14 | B40C_c4_m600 | X | X | X | X | |
| Overlap iBaan Dimensions 6.0 SP14 and Controlling (cnt0) | B40C_c4_mc06 | | X | X | | |
| Overlap iBaan Dimensions 6.0 SP14 and the French localization (fre0) | B40C_c4_mf06 | | X | | X | |
| Overlap iBaan Dimensions 6.0 SP14 and the Nordic localization (nc20) | B40C_c4_mn06 | | X | | | X |

Translations for other languages are only delivered on demand.

Contents

The Service Pack CD-ROM contains the following files and folders:

SPB40c4_14m600 folder

This folder contains all the files are required to update the iBaan Dimensions 6.0 software. The folder contains the following files:

- spb40c4_14m600:
This file contains fixes for the iBaan Dimensions 6.0 extension software and the new functionality for the extension software.
- spb40c4_14mc06:
This file contains fixes for the overlap with the Controlling extension.
- spb40c4_14mf06:
This file contains fixes for the overlap with the French localization.
- spb40c4_14mn06:
This file contains fixes for the overlap with the Nordic localization.

Documentation folder

The documentation folder of the Service Pack CD-ROM contains the following documentation:

- *Installation and Deployment Guide - iBaan Dimensions 6.0 SP14* (U8344A US).
- Overview of solved calls
- Overview of customization parts

2 To install the Service Pack

Preinstallation requirements

Before you can install Service Pack 14, you must initialize PMC and install the following Baan IV Service Packs:

- SPB40c4.3
- SPB40c4.4
- SPB40c4.5
- SPB40c4.6
- SPB40c4.7
- SPB40c4.8
- SPB40c4.9
- SPB40c4.10
- SPB40c4.11
- SPB40c4.12
- SPB40c4.13
- SPB40c4.14

In addition to the Baan IV Service Packs, you must also install the following iBaan Dimensions software:

- SPB40c4_8m600:
The initial version of iBaan Dimension 6.0.
- SPB40c4_9m600
- SPB40c4_10m600
- SPB40c4_11m600
- SPB40c4_12m600
- SPB40c4_13m600

These Service Packs are not included in Service Pack 14 for iBaan Dimensions 6.0. To obtain these Service Packs, you must order these Service Packs separately.

Installation prerequisites

- spb40c4_14m600:
 - All service packs up to and including spb40c4_14stnd
 - All service packs up to and including spb40c4_13m600
- spb40c4_14mc06:
 - All service packs up to and including spb40c4_14stnd
 - All service packs up to and including spb40c4_14cnt0
 - All service packs up to and including spb40c4_14m600
 - All service packs up to and including spb40c4_13mc06
- spb40c4_14mf06:
 - All service packs up to and including spb40c4_14stnd
 - All service packs up to and including spb40c4_14fre0
 - All service packs up to and including spb40c4_14m600
 - All service packs up to and including spb40c4_13mf06
- spb40c4_14mn06:
 - All service packs up to and including spb40c4_14stnd
 - All service packs up to and including spb40c4_14nc20
 - All service packs up to and including spb40c4_14m600
 - All service packs up to and including spb40c4_13mn06

Ensure that sufficient free disk space is available. You must have at least 500 MB. Note that the required space for the Dimensions data depends on the database management system that you run.

NOTE

An actual backup of the \$BSE environment is available, as well as a backup of the actual data. If you do not have an actual backup, you must create a backup before you start the installation procedure.

To install the Service Pack

The procedure to install Service Pack 14 (spb40c4_14m600) consists of the following steps:

- 1 Copy and scan Service Pack 14
- 2 Install Service Pack 14
- 3 Run correction program tdmdmcor0043

The following sections describe these steps in more detail.

Copy and scan the Service Pack

To copy and scan Service Pack SPB40c4_14m600, take the following steps:

- 1 Copy the following files that correspond to the type of system on which you work:

UNIX users
Copy the files from the CD-ROM to a temporary directory on your local system. Use FTP to transfer the data from the temporary local directory to the iBaan root directory, for example, \${BSE}/tmp/dumps.

Windows NT users
Copy the files from the CD-ROM to the tmp folder in the iBaan root directory (\$BSE), for example, e:\baan\tmp\dumps.
- 2 Make sure to install the components of Service Pack 14 in the same update VRCs that you use for the Service Pack 13. If Baan partners want to upgrade customizations to Service Pack 14, the partners can install Service Pack 14 in a separate update VRC. To install the Service Pack, Baan Partners must manually create new Update VRCs in PMC, and install solution 73854 from the Baan Global Support Web site: www.support.baan.com. Read the instructions of the 73854 solution carefully. Note that you can no longer uninstall solutions. Baan recommends that you not use solution 73854, if possible, and to install the solutions in the same update VRC as Service Pack 13.
- 3 Scan the PMC dumps with the Scan Solution File (ttpmc2200m000) session. The PMC dumps that you must scan depend on the extensions that you use in your package combinations. You must always scan the PMC dump for the iBaan Dimensions 6.0 SP14 extension software (SPB40c4_14m600). In addition, you must scan one or more of the following PMC dumps:
 - For the overlap with Controlling: spb40c4_14mc06.
 - For the overlap with the French localization: spb40c4_14mf06.
 - For the overlap with the Nordic localization: spb40c4_14mn06.

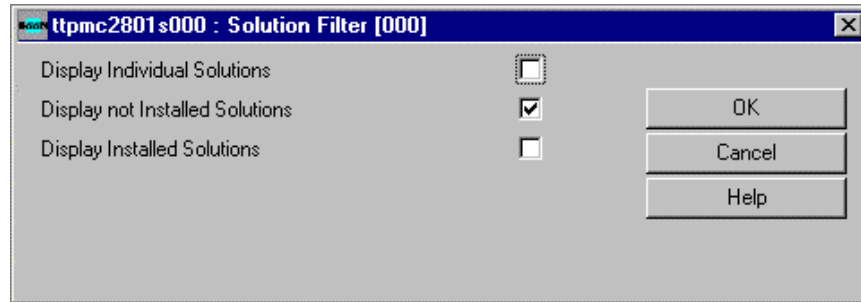
To install the Service Pack

To install Service Pack 14, take the following steps:

- 1 In the Process Solutions (ttpmc2101m000) session, process the PMC dumps that you scanned in the previous step.

NOTE

If you process the solution in the Process Solutions (ttpmc2101m000) session, click **Filter** and change the settings, as shown in the following figure. As a result, only the SPB40c4_14m600 solutions are displayed.



- 2 Run the Create Runtime Data Dictionary (ttadv5210m000) session for the 40Ccm600 package combination and all derived package combinations.
- 3 Run the Create Runtime Data Dictionary (Forms and Menus) (ttadv5214m000) session for all the B40C_c4_m600 packages.
- 4 Run the Create Tables (ttaad4230m000) session to create tables for all companies on B40C_c4_m600.

Run correction program tdmdmcor0043

The correction program otmdmcor0043 realigns the following table fields, according to the domain of the spec:

- tdmdm023.nval
- tdmdm023.lval
- tdmdm023.uval
- tdmdm023.minv
- tdmdm023.maxv
- tdlra230.aval
- tdlra230.minv
- tdlra230.maxv

The changed records are written to log files tdmdm023_COMPNR.txt and tdlra230_COMPNR.txt, in which COMPNR represents the company number for which the correction program is run.

To start the correction program, on the **File** menu, click **Run Program**, type **otdmdmcor0043**, and click **OK**. When the correction program is ready, the “Finished” message appears.

Source codes of PMC Service Packs

Solutions and Service Packs that Baan creates and that are installed with the PMC tool contain the source code of modified components included in the dumps. However, Baan only installs the source codes of program scripts, libraries, and functions if a previous version of the source code of the component exists in the environment in which the solution or Service Pack is installed.

For example, if a fix is created for solution 71291 in the tdilc4202 program script, the PMC dump for this solution contains the program script source and the program object. This solution is installed on system X in the VRC B40U_c4_std update. Before the PMC tool installs the program script source, the PMC tool checks whether the program script source exists in the update VRC, or in a VRC that is in the derived-from structure for the update VRC. If the program script source of tdilc4202 already exists, the new program script source and the program object are installed from the PMC dump of the solution. If the program script source is not found, only the program object is installed.







NOTE

Before you start to install a solution or Service Pack with PMC, Baan partners or customers who need the source codes must make sure that the source exists in the environment in which the solutions or Service Packs are installed. In addition, the source codes must be checked before the installation of a solution or Service Pack with PMC starts.







New sources are installed automatically after you install Service Pack Baan IVc4 SP5 (SPB40c4.5).

Derived-from VRC structure for iBaan Dimensions 6.0 SP14 localizations






Overlap with Controlling (cnt0) extension

| | | |
|-----------------------------------------------------------------------------------|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | B40_c4 | |
|  | B40U_c4_stnd | VRC for patches and solutions on Baan IVc4. Make sure you installed Service Pack 14 in this VRC. |
|  | B40L_c4_cnt0 | |
|  | B40U_c4_cnt0 | VRC for patches and solutions on the Controlling (cnt0) extension. Make sure you installed Service Pack 14 in this extension VRC. |
|  | B40C_c4_m600 | VRC that contains the initial iBaan Dimensions 6.0 extension software and patches, and solutions. Make sure that you install Service Pack 14 (SPB40c4_14m600) in this extension VRC. |
|  | B40C_c4_mc06 | VRC with overlap between iBaan Dimensions 6.0 and the Controlling (cnt0) extension. In this overlap VRC, you must install the Service Pack 14 (spb40c4_14mc06) overlap. |

Overlap with French (fre0) localization

| | | |
|-------------------------------------------------------------------------------------|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | B40_c4 | |
|  | B40U_c4_stnd | VRC for patches and solutions on Baan IVc4. Make sure that you installed Service Pack 14 in this VRC. |
|  | B40L_c4_fre0 | |
|  | B40U_c4_fre0 | VRC for patches and solutions on the French (fre0) localization. Make sure that you installed Service Pack 14 in this localization VRC. |
|  | B40C_c4_m600 | VRC that contains the initial iBaan Dimensions 6.0 extension software, patches, and solutions. Make sure that you install Service Pack 14 (SPB40c4_14m600) in this extension VRC. |
|  | B40C_c4_mf06 | VRC with overlap between iBaan Dimensions 6.0 and the French (fre0) localization. In this overlap VRC, you must install the Service Pack 14 (spb40c4_14mf06) overlap. |

Overlap with Nordic (nc20) localization

| | | |
|-----------------------------------------------------------------------------------|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | B40_c4 | |
|  | B40U_c4_std | VRC for patches and solutions on Baan IVc4. Make sure you installed Service Pack 14 in this VRC. |
|  | B40L_c4_nc20 | |
|  | B40U_c4_nc20 | VRC for patches and solutions on the Nordic (nc20) localization. Make sure you installed Service Pack 14 in this localization VRC. |
|  | B40C_c4_m600 | VRC that contains the initial iBaan Dimensions 6.0 extension software and patches, and solutions. Make sure that you install Service Pack 14 (SPB40c4_14m600) in this extension VRC. |
|  | B40C_c4_mn06 | VRC with overlap between iBaan Dimensions 6.0 and the Nordic (nc20) localization. In this overlap VRC, you must install the Service Pack 14 (spb40c4_14mn06) overlap. |

3 Functional enhancements and important solutions

This chapter describes the most important functional enhancements and important solutions for Service Pack 14.

Some solutions can affect the current way of working or can even contain additional functionality. Note the following significant points:

Block Scheduling

Solution 133383

Channel allocations are expressed in hours and in percentages. When the production time of a (default) block is changed, the channel allocations must also be updated.

When the block size of a default block in the Maintain Default Block Schedule by Machine (tdmdm4131m000) session is changed, the user must specify whether the hours, based on the defined percentages, or the percentages, based on the defined hours, must be changed in the channel allocations.

When the production time of a block in the Maintain Block Schedule (tdmdm4133m000) session is changed, the hours in the channel allocations will always be updated, based on the defined percentages.

Solution 133386

If you synchronize a block, the end date of the block is recalculated based on the total production time of all block details.

Solution 133437

The user choices in the Maintain Block Schedule (tdmdm4133m000) session, which include the following, are applicable to only one block:

- Slotted Demands
- Change Status
- Channel Allocations
- Block Details

- Create Details
- Print Bottlenecks
- Time Fences.

Before the user choice is actually executed, all previous marks are removed and only the block on which the choice will be executed is marked, which makes clear on which block the choice will be executed.

Formula Control

Solution 134522

When you copy a formula in the Maintain Formula Codes (tdmdm3160m000) session, the formula definition and the programmable formula will also be copied. A question appears that asks whether the formula text must be copied.

ID number Control

Solution 133727

When you transfer inventory between two locations in the same warehouse, from now on, logistical and financial transactions will also be created.

Solution 133802

From now on, you can enter an Identification number in the Enter IDnos (tdlra0110m000) session with zero quantity. Before you actually save the data, a warning appears that informs you that the ID number does not have a quantity and the user must choose whether or not to continue.

Preallocation

Solution 133577

If you select an inventory ID number for a preallocation by means of a process flow, and if the quantity of the inventory ID number is higher than the quantity of the demand, the scrap of the process flow will be taken into account when calculating the preallocated quantity.

Solutions 133878 and 135058

If you make an allocation or a preallocation on an ID number that has already been completely allocated or preallocated, the user receives notification immediately that this ID number has no inventory available for allocation or preallocation.

Solution 134130

If you zoom from the **Product Flow** field in the Preallocate Inventory IDnos (tdmdm3230s000) session, a list appears with all product flows that belong to the applicable process flow. You can now select a product flow and zoom to the Display Product Flow Steps by Transformation Process Flow (tdmdm3545s000) session to find additional information about the various product flows.

Solution 135882

The **Preallocated IDno** field has been added as selection field to the Print Preallocated Inventory IDnos (tdmdm3430m000) session. As a result, you can now make a selection on a preallocated ID number. In addition, some extra demand information, such as the item and the ID number, has been added to the report.

Price Control

Solution 133549

Until now, the price formula that was used to calculate the price of a specification was recalculated after each change of an order detail.

Now, the **Online Calculation** field has been added to the Maintain Formula Codes (tdmdm3160m000) session. This field is, by default, set to **Yes** and can only be modified for price formulas that calculate the price of a specification, therefore, the **Situation** field is set to **Price Control** and the **Result** field is set to **Price**.

If the new field is set to **Yes**, the price formula will be recalculated after each change of an order detail, which is the current situation.

If the new field is set to **No**, the price formula will only be executed if a new order detail is added to an existing group and the price method is on detail level, a new order group is added or, if you select the **Load Prices** option. This enables you to determine the price initially, on group level or on detail level, and keep the same price for the details even when you make changes.

Purchase Control / Sales Control / Replenishment Order Control

Solution 133387

From now on, you can delete sales and purchase orders on order header level even if dimension items are present on the order lines.

Solution 133777

If you change a sales order line detail for which a preallocation exists on a block with the Final status, a warning message appears that notifies the user.

Solution 134159

If a back order line detail is created manually or automatically, the quantity will be based on the actual delivered quantity and the planned spec values will be copied from the norm values of the group.

Solution 134541

A demand ID number that already has a preallocation is shown in the demand screen of RPL. A question now appears whether the already present preallocation of the ID number must be deleted after you enter the marked quantity rather than enter the field.

Specifications

Solutions 132639 and 133927

From now on, you can change specifications on group level. If you save the changed norm values of a particular group, the user must choose whether the planned values of all details that belong to the group must be updated with the changed norm values.

Solution 133398

In several messages in which a remark is made about a specification, the name of the relevant specification has been added.

Solution 134156

You can no longer define the same specification multiple times in the spec default set with overlapping time periods in which the specification is effective.

Transformation Order Control

Solution 133774

If you change the planned value of a specification in the Maintain Specs by Transformation Order Details (tdmdm3116s000) session in Plan status or in simulation mode, only in case of zero ID numbers, the norm value will be automatically updated with the changed planned value if the tolerances allow.

Solution 134389

The **Add only Default Specs to Zero Output IDnos** parameter has been added to the Maintain TRO Types (tdmdm3101m000) session and to the Maintain TRO Types by Transformation Order (tdmdm3111s000) sessions. This parameter can only be set to **Yes** if the **Allow Difference in Number of Specs (Input/Output)** parameter is set to **Yes**.

If the new parameter is set to **No**, all specs are inherited from input to a zero output ID number, as in the current situation.

If the new parameter is set to **Yes**, only the following specs are inherited from input to a zero output ID number: formula specs (input and output), dimension set specs (output only), dimensions (output only), and specs that have been defined in the spec default set (output item/output dimension set only). The control specs are always added to a zero output ID number.

Solution 134923

If the **Printing Order Documents Mandatory** parameter in SFC is set to **Yes** and the transformation order documents are printed for a TRO-SFC order, a message appears that asks whether the production order documents must also be printed. If the user clicks **Yes** in response to the question, the Print Order Documents (Direct) (tisfc0408s000) session starts automatically and, in this session, the status of the linked SFC order will be set to **Documents Printed**. If you click **No** in response to the question with no the production order, no documents are printed, but the status of the linked SFC order will be set to **Documents Printed**.

If you release the TRO-SFC order, the order is checked to see whether the status of the linked SFC order is **Documents Printed**. If not, a message appears that tells you that printing production order documents is mandatory.

Solution 135387

You can no longer select blocked ID numbers from the inventory screen if the status of the transformation order is not set to Plan.

TRIM Integration

Solution 135673

This solution contains the main part of the integration between Baan Dimensions and the TRIM optimization module of TietoEnator. For more information about the integration with this slitting optimization tool, contact Baan.