

# Installation and upgrade guide

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The following document describes the system requirements of the B1 Usability Package and how to Install, upgrade or uninstall the add-on.

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## System Requirements

### Software requirements

Current version of the B1 Usability Package is written for the SBO8.82 (PL07 or higher) and 9.00. For support on previous or future versions of SAP Business One please consult the [www.boyum-it.com](http://www.boyum-it.com) website<sup>1</sup>.

The supported databases for running SAP Business One are:

- Microsoft SQL Server 2005, 2008 or 2008 R2

Client running the add-on should meet the following requirements:

- Microsoft Windows 2000, XP, Vista, 7, 8 or Windows Server 2003/2008/2012
- Microsoft .Net Framework 3.5 or later<sup>2</sup> (The framework can be downloaded at <http://www.microsoft.com/downloads>)
- Adobe Acrobat Reader 9.0 or higher
- Microsoft Office Outlook 2003, 2007, 2012 or 2013 (If you plan to use B1 Print and Delivery)
- Microsoft Office Word 2003, 2007, 2010 or 2013 (If you plan to use the Letter Merge functionality)
- Crystal Report 2008 (SBO8.82) / 2011 (SBO9.0) Runtime Environment (If you plan to use the Crystal Report functionality)
  - o Also required on server if B1 Print and Delivery server component is used.

### Windows permissions requirements

	GUI Installer	Silent Installer
<b>How to install</b>	During installation the install need Administrator rights (Right-click > Run as Administrator on the SAP Business One executable).	Installed by SBO Client Agent (Automatic Admin rights)

The add-ons need to have full access to the following directories (All need read, write, and modify).

- The Windows Temp-folder (%temp%)
- Also during an installation the RegEdit will place a new entry in HKEY\_LOCAL\_MACHINE > SOFTWARE > SAP, so permissions should be set to be able to create these entries.

**NB: FURTHERMORE YOU WILL NEED AN ACTIVE LICENSE FOR THE B1 USABILITY PACKAGE (SEE THE B1UP LICENSE GUIDE FOR MORE INFORMATION)**

## Hardware Requirements

### Server

*B1 Usability Package has an optional Server Component. For details please see the Server component Installation Guide.*

### Clients

Component	Requirement
<b>Processor</b>	Intel Pentium 4 or higher (Multi-core machines are recommended)
<b>Memory</b>	2 GB or higher
<b>Free Hard Disk</b>	50 MB

<sup>1</sup> If you install this version on a SAP below SBO8.82 PL07, the installation might seem okay, but at runtime you will get an error (See section "Running the Add-on and not supported versions").

<b>Display</b>	1024 x 768 with 24-bit colors or higher
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NB: RUNNING B1 USABILITY PACKAGE ON A TERMINAL SERVER OR CITRIX ENVIROMENT REQUIRES A MINIMUM OF 3GB OF MEMORY. IF OVER 5 USERS, 4 GB OR MORE IS RECOMMENDED.

## Installing the B1 Usability Package



[Online video version of this section is also available. Click here to watch it](#)

Install follows the normal install procedure as described in the SAP Business One documentation.

### GUI vs. Silent installer

This installer support both the Silent install system and the old legacy GUI based install.

The add-on will for install contain 3 files<sup>3</sup>. The Installer.exe and 2 Installer.ard files that determined if you will do a silent install or not.

Ard file selected	Installer used	Run SBO as administrator required
Installer.ard	Silent installer	No
Installer (With install path selection).ard	GUI Installer	Yes

NB: IF YOU RUN WINDOWS VISTA, WINDOWS 7 OR WINDOWS SERVER 2008 AND USE THE GUI INSTALLER YOU SHOULD RUN SAP BUSINESS ONE AS ADMINISTRATOR (ADMINISTRATOR RIGHTS ARE REQUIRED DURING INSTALLATION OF ADD-ONS). IF THIS IS NOT DONE YOU COULD END UP WITH A CORRUPT INSTALLATION!

NB: SELECTION OF SILENT VS. GUI INSTALL AFFECT ALL CLIENTS (IT CANNOT BE DEFINED PER CLIENT SO IF YOU HAVE MULTIPLE MACHINES AND THE ADD-ON NEED TO BE INSTALLED IF DIFFERENT FOLDERS ON DIFFERENT THE DIFFERENT MACHINES IT YOU WILL NEED TO USE THE GUI INSTALLER)

Boyum IT A/S recommends using the silent installer

### 32 bit vs. 64 bit installed (SAP Business One 9.0 only)

In SAP Business One 9.0 both a 32 bit client and a 64 bit client is possible to install on the same system. B1UP support both configurations (2 different installers) and can be installed on both clients on the same system.

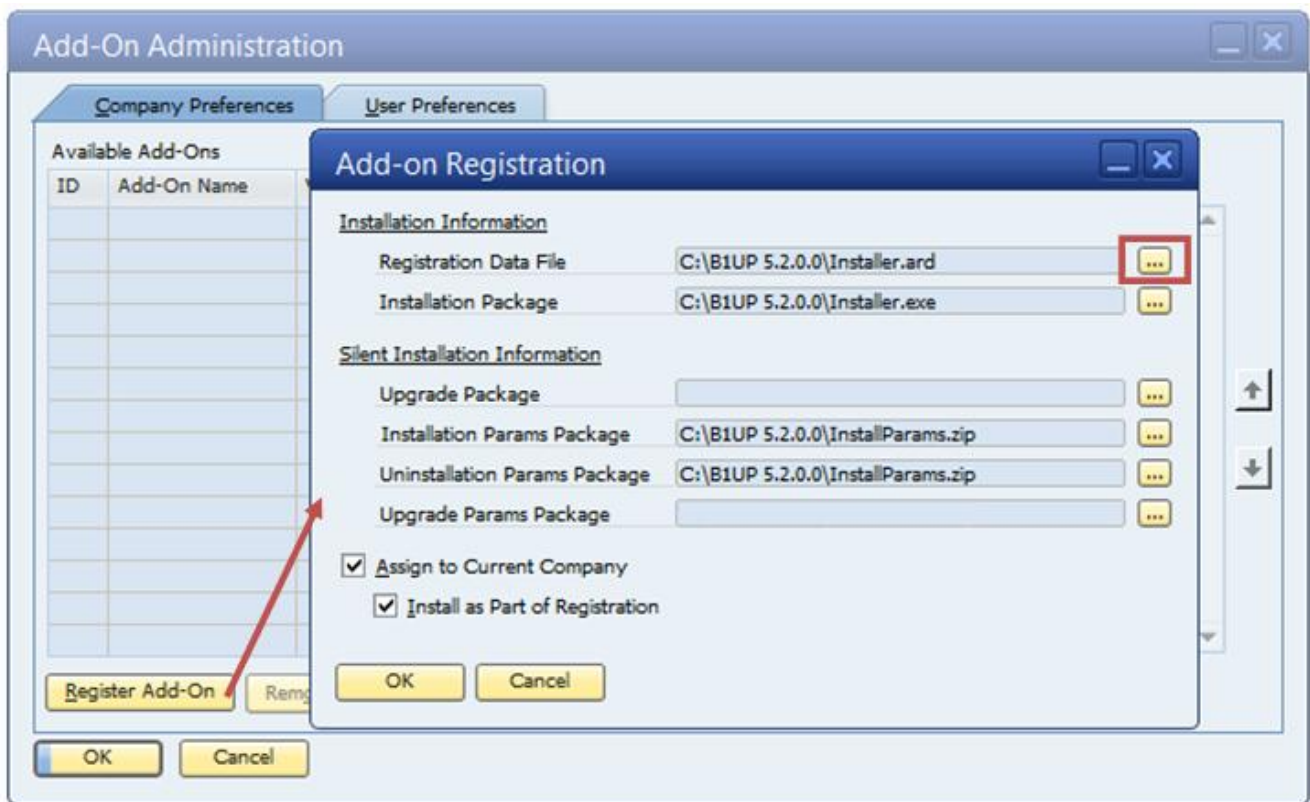
Boyum IT A/S recommends using the 32bit version of SAP Business One for daily work as it most compatible and fastest<sup>4</sup>.

<sup>3</sup> The file "InstallParams.zip" are also required to be present while installing (Part of the installer configurations).

<sup>4</sup> It is a common misconception that 64 bit programs are faster in usage. 64 bit's advantage is that they can use over 4 GB of memory (good for big reports) but for programs that use less than 4 GB it only add an overhead and make things run slower.

## How to install

To install the add-on, please log on to SAP Business One as manager or super user and navigate to "Administration > Add-Ons > Add-On Administration" and press the "Register Add-on".

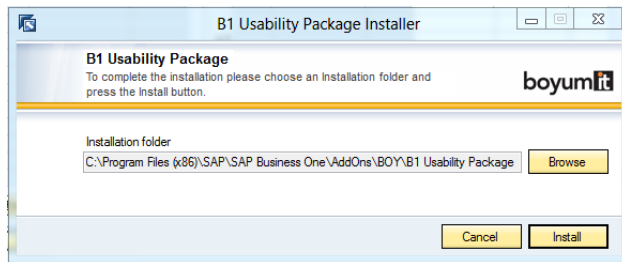


Press the buttons on the right to choose the .ard and .exe. Tick off if the Add-on should be assigned to the currently logged into, and choose if you want to install as part of the registration (Checkbox).

## GUI Install

**NB: REMEMBER TO RUN SAP BUSINESS ONE WITH THE RUN AS ADMINISTRATOR OPTION WHEN USING THE GUI INSTALLER**

When the GUI install is initiated, you will be prompted where to install the add-on.



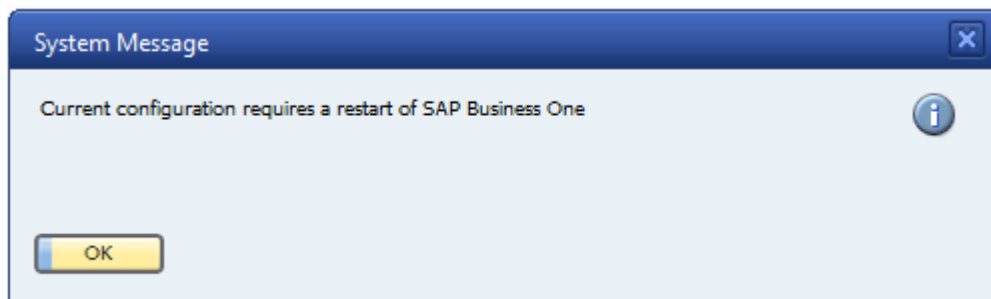
Choose the folder you want to install into and press the Install button

## Silent Install

Install happens 100% automatically without additional actions or permissions required. The installation will install the product to the following path:

"C:\Program Files (x86)\SAP\SAP Business One\Addons\BOY\B1 Usability Package"<sup>5</sup>

When you first run the add-on, it will begin creating the tables and fields (only happens when the first user installs the add-on). After creation of tables, fields and default data, the add-on will prompt for another restart. This is required in order for SAP Business One to register the new data created. (Again this is only needed for the first installation).



Please note that creating metadata takes quite some time, especially on smaller systems.

<sup>5</sup> For 8.82 32bit systems and 9.0 64bit systems the path is "C:\Program Files\SAP\SAP Business One\Addons\BOY\B1 Usability Package". The "Program Files" path of the path is OS language specific and the installer understands this.

## Upgrading the B1 Usability Package to a new version

NB: IF YOU RUN WINDOWS VISTA, WINDOWS 7 OR WINDOWS SERVER 2008 AND USE THE GUI INSTALL YOU SHOULD RUN SAP BUSINESS ONE AS ADMINISTRATOR (ADMINISTRATOR RIGHTS ARE REQUIRED DURING UPGRADE OF ADD-ONS). IF THIS IS NOT DONE YOU COULD END UP WITH A CORRUPT INSTALLATION!

To upgrade a previous version of the B1 Usability Package to a later version, all you need to do is consider the upgrade as a normal installation. During an upgrade, SAP Business One will automatically uninstall the previous version of B1UP and then install the new version

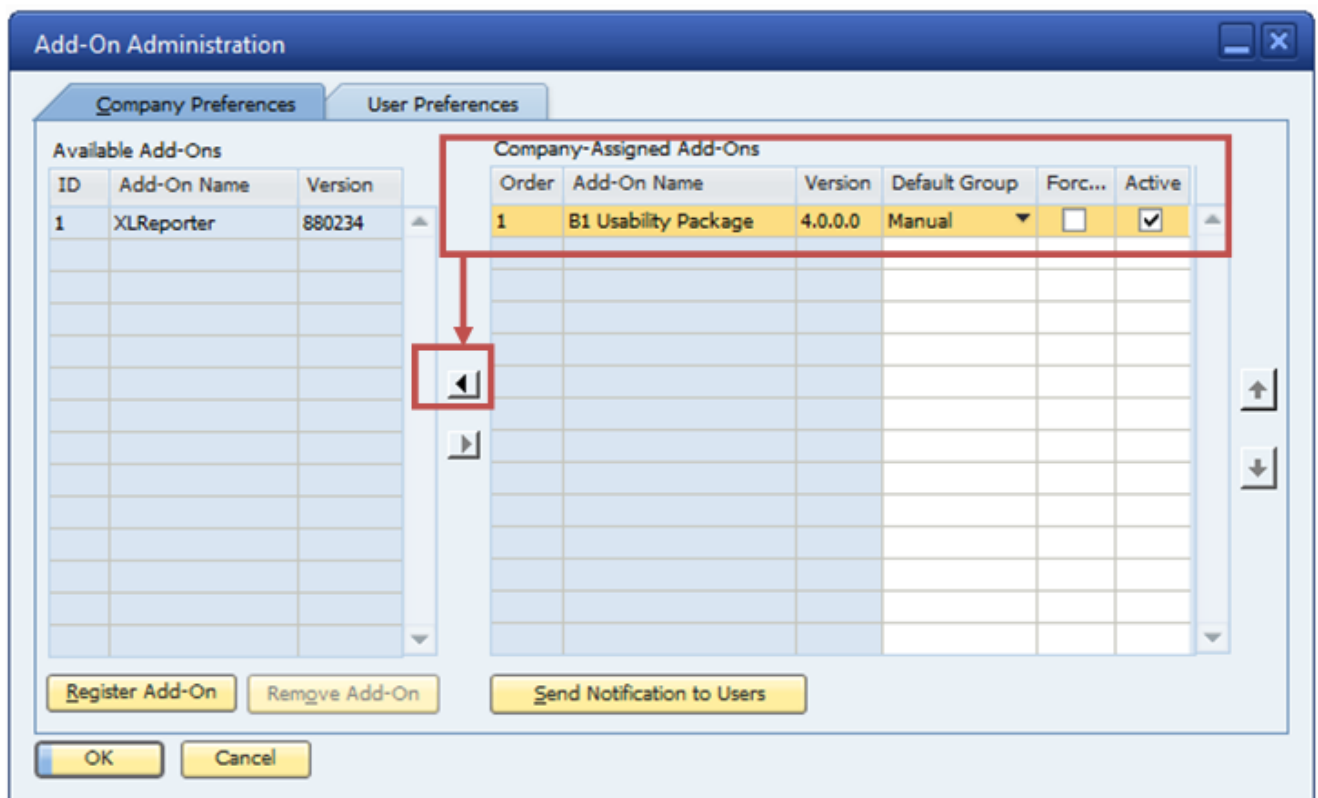
If you for some reason wish to install a previous version than the one installed, you will need to uninstall current version before you install the previous version.


## Uninstalling the B1 Usability Package

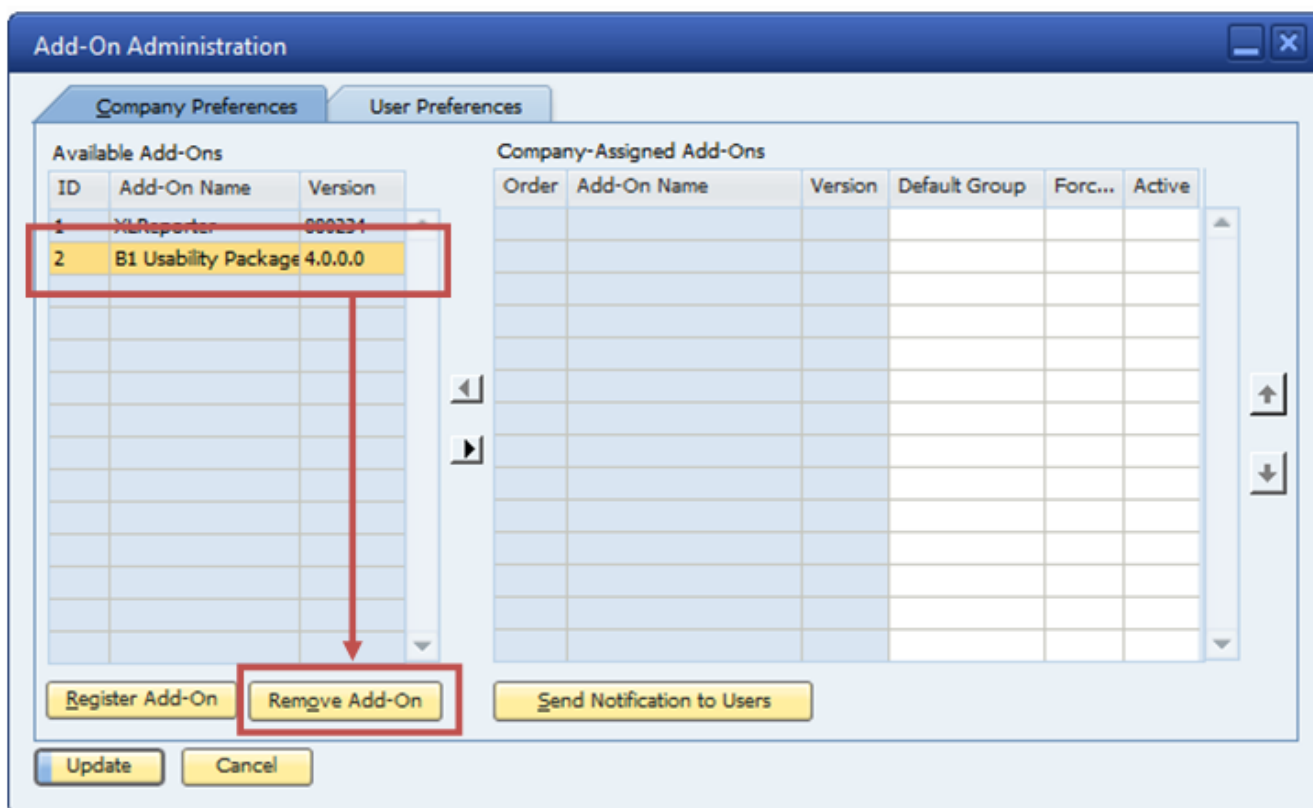
NB: IF YOU RUN WINDOWS VISTA, WINDOWS 7 OR WINDOWS SERVER 2008 AND USE THE GUI INSTALL YOU SHOULD RUN SAP BUSINESS ONE AS ADMINISTRATOR (ADMINISTRATOR RIGHTS ARE REQUIRED DURING UNINSTALL OF ADD-ONS). IF THIS IS NOT DONE YOU COULD END UP WITH A CORRUPT INSTALLATION!

Uninstall follows the normal uninstall procedure as described in the SAP Business One documentation.

Go to Administration > Add-Ons > Add-on Administration



Select the B1 Usability Package on the right hand side so it is highlighted and press the  button to unassign the add-on from the company.



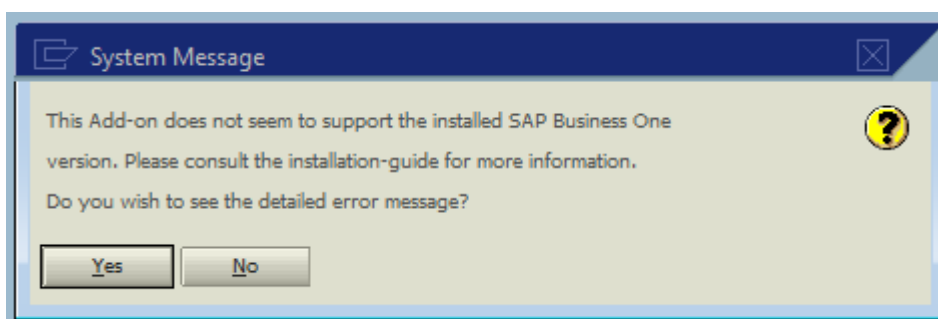
Next, select B1 Usability Package on the left hand side and press the “Remove Add-on” button, and finally the Update button.

Restart SAP Business One to begin the uninstallment.

NB. DURING UNINSTALL, NO DATA IN THE DATABASE WILL BE REMOVED. CONSULT THE TECHNICAL DATA DOCUMENT TO GET INFORMATION ABOUT WHICH DATA WAS CREATED BY THE ADD-ON.

## Running the Add-on and not supported versions

If you by mistake install the add-on on a not supported SAP Business One version, you will not get any errors during the installation itself, but the first time you run the add-on you will get the following error-message.



If you see this message you will either need to uninstall and revert to a supported version of Add-on or you need to upgrade SAP Business One to the required version.

## Appendix 1: User-cache and how to optionally override its location.

During normal execution of B1UP users will generate various cached data (XML cache, Eventlogs etc.) These data are normally stored in “%AppData%\Boyum IT\BOY\_USABILITY”<sup>6</sup> (C:\Users\<username>\AppData\Roaming\Boyum IT\BOY\_USABILITY).

Should you for some reason not be able/wish to use this folder as user-cache folder, you have the option to, on machine level, change the location.

- Stop add-on
- Navigate to B1UP install folder (Normally C:\Program Files (x86)\SAP\SAP Business One\Addons\BOY\B1 Usability Package)
- Create a file called “OVERRIDE\_USERFOLDER\_LOCATION.txt”
- Inside the file enter the path to the location you wish to store the data
  - o Example: “C:\MyCachedData”
  - o You have the option to use the following keyword for specialfolders

<COMMONAPPLICATIONDATA>	The directory that serves as a common repository for application-specific data that is used by all users.
<COMMONPROGRAMFILES>	The directory for components that are shared across applications.
<LOCALAPPLICATIONDATA>	The directory that serves as a common repository for application-specific data that is used by the current, non-roaming user.
<MYDOCUMENTS>	The My Documents folder.
<PERSONAL>	The directory that serves as a common repository for documents. This member is equivalent to MyDocuments.
<PROGRAMFILES>	The program files directory.
<PROGRAMS>	The directory that contains the user's program groups.
<APPLICATIONDATA> (Default)	The directory that serves as a common repository for application-specific data for the current roaming user.  A roaming user works on more than one computer on a network. A roaming user's profile is kept on a server on the network and is loaded onto a system when the user logs on.
<TEMPLATES>	The directory that serves as a common repository for document templates.
<STARTUP>	The directory that corresponds to the user's Startup program group.
<TEMP>	The users Temp folder.

- Save the file
- The next time you start the add-on this indicated folder is the user-cache folder.

<sup>6</sup> For 64 bit version the folder is called BOY\_USABILITY\_X64



## Troubleshooting a silent install

Should a silent install against expectation fail then you can get more information of what happened and what went wrong in the C:\BoyumInstallerLog.txt file.