BX Licensing System

This document describes the BX Software License System. While the BX Licensing mechanism works similarly to the SAP Business One Licensing mechanism, there is one big difference: BX AddOns and Thin Client solutions handle the licenses on a per-company basis. This means you have to import and allocate licenses in every company database. This is the reason why the BX Licensing System has been created. In this document we will explain how to use this system with the BX add-ons.

Requesting a BX License

Fill out all necessary fields on the license request page (the ones marked with *) and add the products for which you need the license (there is an employee and a terminal version of all mobile products, you need to select the one that suits your needs best). You can request a BX license at our license request web page: http://www.produmex.com/bx-licensekey/

			Home	News	About us	Partners	Contact	Produmex Portal
A Mexica Company	ERP ~	Warehousing $$	Manufacturing	√ Inc	lustries v	Referen	ces Do	ocumentation
	Request	your BX license l	keys					
Please complete the form below, in order to request one or more BX License	se Key(s).							
License data will be sent to the partner email address that is entered in the After you receive the license file in your email, please use the AddOn's BX I	form. License Admin	istration menu to imp	ort the received licens	e file				
Types of licenses:								
 Production — for customer, valid for unlimited time for any number Demo for Customer — for customer, valid for 60 days for any numb Demo for Presentation — for partner, valid for 1 year, for 2 users Partner Internal – on special request in arrangement with Produmex 	of users per of users s, valid for 1 yea	r, for multiple users						
Units of licenses:								
Named user — SAP Business One user Employee — employee in SAP Business One Terminal — an IP address of the device, any number of employees of	can use a term	inal						
Partner name *		Partner Ema	il address *					
Customer Data								
Customer's name *		Customer's I	nstall Number *					
Customer's System Number *		Customer's I	Hardware Key *					
Type of Installation *								
Please specify		\sim						
AddOn Data								
1st Requested AddOn *								
None								
Additional comments								
Additional comments								

You have to fill in Partner name, e-mail address and customer name accordingly, then please gather all data about your SAP system: Installation Number, System Number, Hardware Key. These can be found in SAP Business One in the Help \rightarrow About SAP Business One menu.

About SAP Business	One	_ × _
SAP Business	ess	
Installation Number	0090060753	
System Number	00000000312686061	
HW Key:	N2095302820	
Application ID	0	
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You can copy the numbers if you right click on the fields, and then you can paste them into the appropriate fields on the web page. Please note: all of them are needed for the license. Then you must set the add-on name, the license type and the requested quantity for the license. Note: you can request a license for 10 different add-ons at once. If you need more than that number, you must fill in two request forms. You must choose the following licenses for the following add-ons:

BX Add-on name	Requested Add-on
BX Manufacturing	BX PPS (Core)
BX Make to Order Scenario	BX MTO
BX Manufacturing & BX Make to Order Scenario	BX FIM
BX TC PTM (Thin Client Time Management)	BXTC Time Management (EMPLOYEE)
BX TC PTM (Thin Client Time Management)	BXTC Time Management (TERMINAL)
BX TC PDC (Thin Client PDC)	BXTC PDC (EMPLOYEE)
BX TC PDC (Thin Client PDC)	BXTC PDC (TERMINAL)
BX TC QC (Thin Client Quality Control)	BXTC QC (EMPLOYEE)
BX TC QC (Thin Client Quality Control)	BXTC QC (TERMINAL)
BX Mobile Warehouse 9	BX Mobile WH 9 (EMPLOYEE)
BX Mobile Warehouse 9	BX Mobile WH 9 (TERMINAL)
Produmex Operator	Produmex Operator (EMPLOYEE)
Produmex Operator	Produmex Operator (TERMINAL)
BX Mobile Quality Control	BX Mobile QC (EMPLOYEE)
BX Mobile Quality Control	BX Mobile QC (TERMINAL)

The Requested Add-on type should always be Production if you request the license for a customer in a working environment. If you are a partner and need a license for presentation versions then you have to request a Demo for Presentation type license, which will be valid for one year. If you want to request a license for a customer so that he can try our add-ons, you have to request a Demo for Customer license, which will be valid for one month.

Please note: Production licenses have no expiration date, but they are always billed to the customer/partner.

If you have filled out your license request form, you have to click on Submit to send it. If the license was successfully sent. You will receive the BX license in an e-mail within 24 hours with a summary page showing the details of the licenses you requested.

Note: production licenses take some days to arrive. Demo licenses are sent right away to the requester.

Requesting License for BX Service Broker

BX Service Broker has similar licensing model to SAP Business One, but instead of SAP users, licenses can be assigned to either:

- Employees
- Terminals (client computers)

Employee licenses can be assigned to specific employees who can use then the software from any computers. Terminal licenses can be assigned to computers which can be used then by any user.

Importing and Assigning BX Licenses

After you have received your BX license in an email as a .zip attachment, save it in a directory and extract it. Then start SAP B1 and the add-on. If the add-on requires a license, during the start up, you will receive a message that no licenses are assigned:



To import and assign licenses you have to open the BX License Administration form:

- Tools> BX %add-on% > BX License Administration
- Administration module > Add-Ons > BX %add-on% > BX License Administration

where %add-on% is the name of your add-on. This form looks and works similarly to the SAP License Administration form.

In case of no add-ons bought, this option is replaced by the **BX Control Panel** standalone add-on, which looks and works the exact same way as License Administration. Install BX Control Panel, run it from the Add-on Manager, then open the form via Tools > BX Control Panel > Licensing.

Allocation	Employee	5	Terminals	Component	5		
Users		[Descrip	tion	Allocated	Number Left	
AlertSvc		-					-
B1i							
manager							
Support							
Workflow							
		×					-

Click on the 'Import License File...' button and browse the license file(s). The imported license files will be added to the right grid. To see the license details, go to the 'Components' tab. On this tab every imported license is listed. Select a license to see its details.

Please note: After the license file is imported, the system will save it. In order to remove a license file, select it on the left grid on the 'Components' tab then click on the 'Delete License' button.

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Organize 🔻 🛛 N	lew folder				
ጵ Favorites	Name	Date modified	Туре	Size	
	BXMCQC1-00000000312686061-2016081	8/18/2016 4:08 PM	Text Document	1 KB	
🍓 Homegroup	BXMOB901-00000000312686061-201608	8/18/2016 4:08 PM	Text Document	1 KB	
	BXMTOBAS-00000000312686061-201608	8/18/2016 4:08 PM	Text Document	1 KB	
🖳 This PC	BXMW001-00000000312686061-2016081	8/18/2016 4:08 PM	Text Document	1 KB	
	BXPPSBAS-00000000312686061-2016081	8/18/2016 4:08 PM	Text Document	1 KB	
📬 Network	BXTCPDC1-00000000312686061-201608	8/18/2016 4:08 PM	Text Document	1 KB	
	BXTCQC1-00000000312686061-2016081	8/18/2016 4:08 PM	Text Document	1 KB	
	BXTCTM01-00000000312686061-201608	8/18/2016 4:08 PM	Text Document	1 KB	
	File name:				~
			Op	en C	ancel

License types in BX

There are three kinds of licenses in BX:

- Add-on license: The add-on license can be allocated for a user on the 'Allocations' tab. Please note: In the case of a control panel add-on no add-on license is needed.
- Employee license: In the case of mobile applications the license can be assigned to an employee or a terminal. Allocate the license on the 'Employees' tab.
- Terminal license: To allocate the license for a terminal, go to the 'Terminal' tab.

1. Add-on license

To allocate the license for a user, select the user on the left grid on the 'Allocations' tab and assign the license to them by ticking the 'Allocated' checkbox on the right grid.

Allocation E	mployees	T	erminals Componen	ts	
Users			Description	Allocated	Number Left
AlertSvc		-	BX MTO Basic	~	1
Bli			BX PPS Basic	✓	1
manager					
Support					
Workflow					
				_	
				_	
				_	
		_			
		Ψ.			

Click on the 'Update' button and restart the add-on.

Please note: You can import any license to any BX add-on in the BX License Administration form (for example you can import and assign your BX Mobile Warehouse license in the license administration form of BX Manufacturing), but the license is only valid in one company database, so if you have a productive and a demo system, you have to import the BX licenses in both of them.

2. Employee license

To assign a license to an employee, click on the 'Employees' tab. Select the employee on the left grid then check the 'Allocated' checkbox on the right grid. In the 'Number Left' column the number of the

available licenses is displayed

3. Terminal license

3.1. Add terminal license

In order to add license to a terminal it has to be registered in the add-on. A terminal can be registered with the following:

- automatically assigned device GUID
- IP Address (Please note: Using the IP address for registering the terminal is only recommended in the case of a static IP address)

3.1.1. Register the terminal with the device GUID automatically

To automatically register the terminal and assign a license for it, try to log in the application on the given terminal.

If the following verifies:

- The user/terminal currently has no BX license assigned
- There is a valid BX license installed
- There is at least one free BX terminal license that can be allocated for the new terminal

then the system will automatically record the terminal to the @BXPLICTER table and allocate a BX license to it when the user tries to log in. If any of the conditions is not verified, then no new row will be added to the @BXPLICTER table, and no license will be automatically assigned. A system message will open. Press 'Ok' then repeat the login.



When registering the terminal with the method described above, the hardware GUID will be added to the BXPLICTER table.

Lice	nseTerm	ninals				_ 🗆 ×
#	Code	Name	Comment	IP Address	Last Modif.	7
1	0000039	00000039	Automatically added on 2017-03-22 12:	fe80::e9a7:437b:be6d:36dd%3		
2						
	_					
	_					
	-					
	-					
	4	1		I		•
	ок	Cancel				

3.1.2. Register the terminal with the IP address

First register the terminal on the License Terminals user table. Open the table via: Tools > User - Defined Windows > BXPLICTER - LicenseTerminals

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¥ 81 Fi	Layout Designer Scheduled Report Overview XL Reporter Pervasive Analytics Preview External Crystal Reports File					ð	<u>M</u>	\$	5		Ģ	*	
	<u>Form Settings</u> <u>E</u> dit Form UI <u>C</u> hange Log <u>A</u> ccess Log	Ctrl+Shift+S											
	Searc <u>h</u> Queries	Ctrl+F1											
	SAP <u>B</u> usiness One Studio Suite	,	1										
	<u>M</u> y Menu My Shortcuts)											
	User_Defined Values	Shift+F2	ď				A						
	Conclusit	, ,					- Audi	ntiqu	ration				
	Customization Table	,			BXPCT		REFS -	Cont	rolPref	erence	•<		
	Default Forms	,		1	BXPCL	JSTFE) - Cu	istom	ization	Fields			
	BX Control Panel	,		I	BXPCL	USTSC	ORTDI	EF - C	ust Sor	ting N	letho	d Defir	ition
-	bx control and		-	E	BXPFC	ORMP	REFS	- Forr	nPrefe	rences			
				E	вхрке	YSEQ	UEN	CE - K	ey Seq	uence	5		
				E	BXPLI	CFEAT	r - Lio	ensin	gServi	ce			
-				E	BXPLI	CIP - I	Licen	seable	elPs				
				E	BXPLI	CSET	- Lice	nse S	ets				
				I	BXPLI	CTER	- Lice	enseTe	ermina	ls			
					BXPLN	ASEM	PPRI	VTER	- Empl	oyeeP	rinters	5	
					BXPLN		BINA	COU	NT - M	obileli	vento	oryCou	unting
				1	BXPLN	NSMC	BLO	5 - M	obileLo	og 🖉			

Fill the Code, Name and the IP Address. IP Address needs to be the address of the device BX Service Broker establishes the connection to.

Licer	nseTerminal	s				_ 🗆 ×
#	Code	Name	Comment	IP Address	Last Modif.	
1	001	001		192.168.103.139		-
2						
	_					
	_					
	_					
	ОК	Cancel				

To allocate a license for a terminal, open the BX License Administration form: Administration > Addon > BX %add-on% > BX License Administration where %add-on% is the name of you add-on. On the right grid of the Terminals tab every terminal license is listed. On the 'Number Left' column the number of the available licenses are displayed.

On the left grid select the terminal code. Every terminal defined on the License Terminals table is listed. To allocate a license for the terminal, tick the 'Allocated' box on the line of the corresponding license.

Click on the 'Update' button to save the changes. To apply the changes, restart the BX Service Broker.

BX License Adminis	tration					_	. 🗆 🗙
Allocation Er	mployees	Terminal	s Components]			
Terminal Code	Terminal	[Description		Allocated	Number Left	
001	001	В	X Mobile Worker (ter	rminal)	~		1
▲ ::::	Þ						
	,						
ОК	Cancel	Import	License File	Delete Li	cense		

3.2. Modify terminal license

3.2.1. Update the list of available terminals

First check the available terminals on the License Terminals table. On this table terminals can be added, modified or removed. See: *3.1.2. Register the terminal with the IP address for more information about registering terminals manually.* To register a new terminal automatically, make sure that there is at least one available terminal license. Terminal licenses can be seen on the Terminal tab of BX License Administration form. Then follow as described in 1.1. Register the terminal with the device GUID automatically. Make sure that you log in with a user who does not have an employee license.

3.2.2. Modify terminal licenses

On the BX License Administration form terminal licenses can be modified.

On the right grid of the Terminals tab every terminal license is listed. On the 'Number Left' column the number of the available licenses are displayed. It is not possible to allocate more license than the available licenses.

On the left grid select the terminal code. Every terminal defined on the License Terminals table is listed. To allocate a license for the terminal, tick the 'Allocated' box on the line of the corresponding license. To retract a license, untick the box.

License A	dministration			_	
Allocation	Employees	Terminals Components			
Terminal C	ode Terminal	Description	Allocated	Number Left	
001	001	BX Mobile WH 9 (terminal)		2	
		BX TC PDC (terminal)		2	
		BX TC QC (terminal)	✓	1	
		BX TC Time Management (terminal)	✓	1	
			_		
■ 333	•				
Update	Cancel	Import License File Delete L	icense		

Click on the 'Update' button and restart the BX Service Broker in order to apply manual license modifications.

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