

WEB MANAGER

INSTALLATION GUIDE





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Introduction

More than 85 years of experience have placed JBC at the technological forefront of tools for soldering and rework operations in electronics.

Innovation, efficiency, and reliability are the key features of a wide range of products which have been designed to satisfy the most demanding requirements of professionals.

One of the tools of JBC Net system is the Web Manager which allows you to manage JBC soldering stations. Like any software, it has some previous requirements. Now we are going to describe how to install it, step by step.

Intended recipients

This manual is written for users of JBC Web Manager and explains how to install the previous requirements of this software.

System requirements

The Web Manager software does not require installation on the user's computer because it uses a web browser to access the different stations. The following operating systems and browsers are compatible:

- Windows 7 or latest version. (64 Byte versions are recommended)
- Windows 2008 server or latest version.
- IExplorer 9 or latest version.
- Firefox 8 or latest version.
- Chrome 14 or latest version.

Other browsers may work with the Web Manager application, but not all the functions may be available.

Web Manager Requirements

- Internet Information Services (IIS) 10.0 Express (<u>https://www.microsoft.com/es-es/download/details.aspx?id=48264</u>).
- Microsoft[®] SQL Server[®] 2012 Express With Tools (<u>https://www.microsoft.com/es-es/download/details.aspx?id=29062</u>).



Installation

Internet Information Services (IIS)

The user has to execute the IIS Express.

Then, we have to enable some components of IIS.

In Panel Control, we have to Access to

"Programs and Characteristics" -> "Enable or disable Windows characteristics".

The following options have to be checked:

- Internet Information Services
 - Web administration tools
 - Compatibility with the administration of IIS 6
 - Compatibility with the IIS 6 and IIS metabase configuration
 - IIS administration console
 - IIS administration tools and scripts
 - IIS administration service
 - $\circ \quad \text{Worl Wide Web Services}$
 - Application development features
 - ASP.NET 4.6
 - .NET 4.6 Extensibility
 - ISAPI extensions
 - ISAPI filters
 - Common HTTP features
 - Static content
 - Default document
 - Security

•

- Basic authentication
- Windows authentication
- Request filter

The user has to check if the installation is ok. To do it, open a navigator and introduce the next url:

<u>http://localhost</u>. The web page showed has to be:

الله الله: () () () () () () () () () () () () ()	් 🍯 IIS Windows	×				- □ × ∩ ☆ ®
🕂 Windows						
Internet Informa	tion Ser	rvices				
Welcome Bienv	enue Tervet	tuloa				
⊭∋ze Benvenuto ®o⊞	Bienvenido	Hoş geldiniz	ברוכים הבאים		Welkom,	
Bem-vindo	Καλώς ορίσατε	Välkommen	환영합니다	Добро пожаловать		
Microsoft	Willkommen		<u>83</u>	مرحبا Witamy		

Image 1. IE localhost web apperance



Microsoft SQL Server

We recommend to install Microsot SQL Server with an Ethernet connection.

Now the user has to configure SQL Server. Step by step:

SQL Server Installation Cen	ter			_	
Planning	Me Ne	w SQL Server stand-alone installation	on or add features t	to an existing inst	allation
Installation	Lau fea	inch a wizard to install SQL Server 2 tures to an existing SQL Server 2012	2012 in a non-cluste 2 instance.	ered environment	t or to add
Maintenance			2000 501 5	2000 P2	
Tools		grade from SQL Server 2005, SQL Server	erver 2008 of SQL Si er 2005, SQL Server i	2008 or SQL Serve	er 2008 R2 to
Resources	SQ	L Server 2012.			
Options					
Microsoft*					
SQL Server	2012				
	Imaae	2. SOL Server installati	on		
SQL Server 2012 Setup				_	
Droduct Undated					
Product Opdates					
Always install the latest up	dates to enhance your SQL	Server security and performance.			
roduct Updates	There are no up	dates for SQL Server found online.			
istall Setup Files					Check aga
	Read our privacy sta	tement online			
	<u>Read our privacy sta</u> Learn more about SC	<u>tement online</u> 2L Server product updates			
	Read our privacy sta Learn more about S(tement online 2L Server product updates			

Image 3. SQL Server installation



髋 SQL Server 2012 Setup	– 🗆 X
License Terms	
To install SQL Server 2012, yo	u must accept the Microsoft Software License Terms.
Setup Support Rules License Terms Feature Selection Installation Rules Instance Configuration Disk Space Requirements Server Configuration Database Engine Configuration Error Reporting Installation Configuration Rules Installation Progress Complete	 MICROSOFT SOFTWARE LICENSE TERMS MICROSOFT SQL SERVER 2012 EXPRESS These license terms are an agreement between Microsoft Corporation (or based on where you live, one of its affiliates) and you. Please read them. They apply to the software named above, which includes the media on which you received it, if any. The terms also apply to any Microsoft updates, supplements, Internet-based services, and sunnort services I accept the license terms. Send feature usage data to Microsoft. Feature usage data includes information about your hardware configuration and how you use SQL Server and its components.
	See the Microsoft SQL Server 2012 Privacy Statement for more information.
	< Back Next > Cancel Help
	Image 4. SQL Server installation
髋 SQL Server 2012 Setup	>
Feature Selection	



Image 5. SQL Server installation



髋 SQL Server 2012 Setup					— C]	×
Instance Configuration Specify the name and instance	1 ID for the instance of SQ	L Server. Instance ID	becomes part of the in	stallation path.			
Setup Support Rules License Terms Feature Selection Installation Rules Instance Configuration Disk Space Requirements Server Configuration Database Engine Configuration Error Reporting Installation Configuration Rules Installation Progress Complete	 Default instance Named instance: Instance ID: Instance root directory SQL Server directory: Installed instances: Instance Name <shared compone<="" li=""> </shared>	SQLExpress SQLEXPRESS C:\Program Files\ C:\Program Files\ Instance ID	Microsoft SQL Server\ Aicrosoft SQL Server\M Features SSMS	SSQL11.SQLEXPRESS Edition	Version 11.0.210	0.60	
			< Back Nex	t > Cancel		Help	
	Image	6. SQL Server ir	stallation				

🏗 SQL Server 2012 Setup					_		\times
Server Configuration Specify the service accounts and c	ollation configuration.						
Setup Support Rules License Terms	Service Accounts Colla Microsoft recommende	tion s that you use	a separate account for each	SOL Server serv	ice.		
Feature Selection	Contine	,,	A	Dereved	Charles	τ	_
Installation Rules	Service		Account Name	Password	Startup	ivpe	
Disk Space Requirements	SQL Server Database E	ngine			Automa	uc	
Server Configuration	SQL Server browser		NT AUTHORITI (LOCAL		Automa	LIC	~
Database Engine Configuration							
Error Reporting							
Installation Configuration Rules							
Installation Progress							
Complete							
Complete							
			< Back Next	> Can	cel	Help	þ

Image 7. SQL Server installation



Database Engine Conf	iguration					
Specify Database Engine auth	entication security mode, a	dministrators and data d	lirectories			
etup Support Kules cense Terms eature Selection stallation Rules stance Configuration isk Space Requirements erver Configuration atabase Engine Configuration ror Reporting stallation Configuration Rules stallation Progress omplete	Server Configuration Specify the authention Authentication Mode Minedows authent Mixed Mode (SQL Specify the password: Enter password: Confirm password: Specify SQL Server ac QST_NUC_07\JBC (JI	Data Directories User I ation mode and admini- e setion mode Server authentication and for the SQL Server syste setion of the SQL Server syste ation the SQL Server syste ation of the SQL Server syste	nstances strators fo nd Windo em admini	FILESTREAM r the Database Er ws authentication strator (sa) accou	SQL Server at have unrestri to the Databa	dministrators icted access ase Engine.
	Add Current User	Add Remove	Back	Next >	Cancel	Help
	Image 8	3. SQL Server insta	allation			
SQL Server 2012 Setup	Image 8	3. SQL Server insta	allation		_	
SQL Server 2012 Setup Error Reporting Help Microsoft improve SQL S	Image 8	3. SQL Server insta	allation		_	
SQL Server 2012 Setup Error Reporting Help Microsoft improve SQL S etup Support Rules icense Terms eature Selection istallation Rules istance Configuration	Image & erver features and services. Specify the information of SQL Server. These se may provide updates ti downloaded and install settings.	3. SQL Server insta that you would like to ttings are optional. Micr rough Microsoft Updat ed on your machine aut	automatic rosoft trea e to mod tomaticall	ally send to Micr ts this informatio fy feature usage r, depending on t	osoft to improve f n as confidential. data. These updat your Automatic U	future releas Microsoft tes might be Ipdate
SQL Server 2012 Setup Error Reporting Help Microsoft improve SQL S etup Support Rules icense Terms eature Selection isstallation Rules isstance Configuration isk Space Requirements erver Configuration atabase Engine Configuration	erver features and services. Specify the information of SQL Server. These se may provide updates th downloaded and install settings. See the Microsoft SQL S Read more about Micro	3. SQL Server insta that you would like to ttings are optional. Micr irrough Microsoft Updat ed on your machine aut <u>ierver 2012 Privacy State</u> soft Update and Autom	automatic osoft trea e to mod tomaticall ement for atic Upda	ally send to Micr ts this informatio fy feature usage y, depending on y more information te.	osoft to improve i n as confidential. data. These updat your Automatic U	future releas Microsoft tes might be pdate
SQL Server 2012 Setup Error Reporting Help Microsoft improve SQL S etup Support Rules cense Terms stature Selection stallation Rules stance Configuration sk Space Requirements erver Configuration atabase Engine Configuration ror Reporting stallation Configuration Rules stallation Progress omplete	erver features and services. Specify the information of SQL Server. These se may provide updates tf downloaded and install settings. See the Microsoft SQL Server. Read more about Micro Send Windows and i only applies to service	3. SQL Server insta that you would like to- ttings are optional. Micr irough Microsoft Updat ed on your machine aut <u>Server 2012 Privacy State</u> soft Update and Autom SQL Server Error Reports es that run without user	automatic osoft trea e to mod tomaticall ement for atic Updar s to Micro- interactic	ally send to Micr ts this informatio fy feature usage y, depending on y more information re, soft or your corp on.	osoft to improve f n as confidential. data. These updat your Automatic U <u>h</u> .	future releas Microsoft tes might be Ipdate
SQL Server 2012 Setup Error Reporting Help Microsoft improve SQL S etup Support Rules icense Terms eature Selection istallation Rules istance Configuration isk Space Requirements erver Configuration atabase Engine Configuration rror Reporting istallation Configuration Rules istallation Progress omplete	erver features and services. Specify the information of SQL Server. These se may provide updates ti downloaded and install settings. See the Microsoft SQL Server. Read more about Micro Send Windows and Service Service	3. SQL Server insta that you would like to ttings are optional. Micr rough Microsoft Updat ed on your machine aut server 2012 Privacy State soft Update and Autom SQL Server Error Reports es that run without user	automatic osoft trea e to modi tomaticall ement for atic Updar	ally send to Micr ts this informatio fy feature usage y, depending on y more information re. soft or your corp yn.	osoft to improve i n as confidential. data. These updat your Automatic U h.	future releas Microsoft tes might be Ipdate

Image 9. SQL Server installation



髋 SQL Server 2012 Setup		- 0	×
Complete Your SQL Server 2012 installat	ion completed successfully with product upo	lates.	
Setup Support Rules License Terms Feature Selection	Information about the Setup operation o	r possible next steps: Status	^
Installation Rules Instance Configuration Disk Space Requirements Server Configuration Database Engine Configuration Error Reporting Installation Configuration Rules	Database Engine Services SQL Server Replication SQL Browser SQL Writer SQL Client Connectivity SQL Client Connectivity Details:	Succeeded Succeeded Succeeded Succeeded Succeeded Succeeded	*
Installation Progress Complete	Viewing Product Documentation f Only the components that you use to been installed. By default, the Help V SQL Server, you can use the Help Lil your local computer. For more inform < <u>http://go.microsoft.com/fwlink/?Link</u> Summary log file has been saved to the for <u>C:\Program Files\Microsoft SQL Server\1</u> \Summary QST NUC 07 20180927 094	view and manage the documentation for SQL Server have iewer component uses the online library. After installing orary Manager component to download documentation to ation, see <u>Use Microsoft Books Online for SQL Server</u> D=224683>. sollowing location: 10/Setup Bootstrap/Log/20180927 094132 132.txt	~
		Close Help	

Image 10. SQL Server installation

Now it's installed correctly. Then the user has to open "SQL Server Management Studio 2012".

🚽 Connect to Server		\times
SQL Serv	'er "2012	
Server type:	Database Engine	\sim
Server name:	JBC\SQLEXPRESS	~
Authentication:	SQL Server Authentication	\sim
Login:	webmanager	\sim
Password:		
	Remember password	
Connect	Cancel Help Options :	»>

Image 11. SQL Server opening window



Then the user has to create a new database called "WebManager".



Image 12. SQL Server

🗧 New Database					-		\times
Select a page General	🔄 Script 🔻 🛐 Help	0					
III Options IIII Filegroups	Database name:		WebManager				
	Owner:		<default></default>				
	✓ Use full-text indexi	ng					
	Database files:						
	Logical Name	File Type	Filegroup	Initial Size (MB)	Autogrowth / Ma	xsize	
	WebManager	Rows	PRIMARY	5	By 1 MB, Unlimite	ed	
	WebManager_log	Log	Not Applicable	1	By 10 percent, U	Inlimited	
Connection							
Server: DESKTOP-HKC33K7\SQLEXPRE							
Connection: DESKTOP-HKC33K7\admin							
View connection properties							
Progress							
Ready	<			Add		Remove	>
				Add		110111040	
					ОК	Canc	el



Then the user has to create a new login and configure to be used in Web Manager database.



Image 14. SQL Server

🚦 Login - New				_		\times
Select a page General	🔄 Script 🔻 📑 Help					
Server Roles User Mapping Securables Status	Login name: Vindows authentication SQL Server authentication Password: Confim password: Specify old password Old password: Enforce password expire Viser must change pass	WebManager			Search	L
	Mapped to certificate Mapped to asymmetric key Map to Credential			~	Add	
Connection Server: DESKTOP-HKC33K7\SQLEXPRE	Mapped Credentials	Credential	Provider			1
Connection: DESKTOP-HKC33K7\admin						
Progress						/e
C Ready	Default database: Default language:	WebManager English		~	- tonio	
				ОК	Cance	

Image 15. SQL Server





🚦 Login - New			-	
Select a page	Script 🔻 📑 Help			
Server Bales	Users mapped to this login:			
Status	Map Database master model msdb temp db Web Manager Guest account enabled for: Web	WebManager	Default Schema	
Connection	Database role membership for: Web	Manager		
Server: DESKTOP-HKC33K7\SQLEXPRE Connection: DESKTOP-HKC33K7\admin Mew connection properties Progress Ready	db_accessadmin db_backupoperator db_datareader db_ddtawriter db_ddladmin db_denydatareader db_enydatawriter db_owner db_securityadmin y public			
			ОК	Cancel

Image 16. SQL Server

🗧 Login - New			$ \Box$ \times
Select a page Script V La Help			
Server Roles			1
Sec Sec		\times	in the Calence
Stat Cal			auit Schema
Browse for Objects			X
30			
13 objects were found matching the types you s	elected.		
Ent Matching objects:			
Name		Туре	<u>^</u>
[db_denydatawriter]		Sche	
[db_owner]		Sche	
		Coho	×
Server: DESKTOP-Hi	OK Cancel	Help	
Connection:			
DESKTOP-HKC33K/\admin db_ddladmin			
View connection properties db_denydatawriter			
Brogroop			
Ready			
		_	
			OK Cancel

Image 17. SQL Server

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🔒 Login - New			_	
Select a page	Script 🔻 📑 Help			
General Server Roles User Mapping	Users mapped to this login:			
Securables	Map Database	User	Default Schema	
T Status	master			
	model			
	msdb			
	tempdb			
	WebManager	WebManager	db_owner	
Connection	Guest account enabled for: W	ebManager ebManager		
Conver	db_accessadmin			
DESKTOP-HKC33K7\SQLEXPRE	db_backupoperator			
Connection:	db_datawriter			
DESKTOP-HKC33K7\admin	db_ddladmin			
View connection properties	db_denydatareader			
Progress	db_securityadmn			
Ready	Depublic			
			ОК	Cancel

Image 18. SQL Server

Then the user can run the WebManager installer "Setup".

🔀 Webmanager - Enterprise version - InstallShield Wiza	rd	\times
Customer Information		
Please enter your information.		etyp
User Name:		
JBC		
Organization:		
JBC		
InstallShield		
< Back	Next >	Cancel

Image 19. WebManager installation



😸 Webmanager - Enterprise version - InstallShield Wizard
Ready to Install the Program
The wizard is ready to begin installation.
If you want to review or change any of your installation settings, click Back. Click Cancel to exit the wizard.
Current Settings:
Setup Type:
Typical
Destination Folder:
C:\Program Files (x86)\JBC\
User Information:
Name: JBC
Company: JBC
I InstallShield
< Back Sack Cancel
Image 20. WebManager installation

🕼 Webmanager - Enterprise	e version - InstallShield Wizard	×
	InstallShield Wizard Completed	
арр	The InstallShield Wizard has successfully ins - Enterprise version. Click Finish to exit the	talled Webmanager wizard.
	< Back Finish	Cancel

Image 21. WebManager installation



Then, the user has to navigate in the next URL: <u>http://localhost/WebManager</u>

Presentation Admin. Data Email Data	Database Data	Execute
For proper installation of the application then this information will be requested: - Data about the administrator user of the Web Manager. - Data for using email: smtp server, port, user and password. - Data to connect to a Sql Server database: server name, database name, user and password. - After entering this data, the installer deletes all English	•	

Image 22. WebManager configuration

www.jbctools.com				
Presentation Admin. Data	Email Data Database Data Execute			
Entering administrator data				
jbc	Presentation ()			
jbc				
jbc@jbctools.com				
Cancel	Previous Next			

Image 23. WebManager configuration



The next step is optional, the user can configure the SMTP server, if it doesn't apply press "Next".

www.jbctools.com				
Presentation Adn	nin. Data	Email Data	> Database Data > Exec	ute
Enteri	ng email data			
SMTP Server			Presentation	
			Entering email data	e
Port			2	
User				
Password				
Repeat Password				
Cancel			Previous	Next

Image 24. WebManager configuration

The user has to configure the Database link:

	www	w.jbctools.	com			
Presentation Adm	in. Data	Email Data	\rangle	Database Data	\rangle	Execute
Entering WebMa	anager database (data				
DESKTOP-HKC33K7\SQL	EXPRESS			Connection OK		6
WebManager						
webmanager						
•••••	୕					
Cor	nection Test					
Cancel				Prev	ious	Next





www.jbctools.com				
Ended process		WebManager Installation	*	
Linea process		Process Date: 9/27/2018 11:18:05 AM		
		Version: V1.0		
Start		Date: 27/09/2018		
		Company/Individual Name: jbc		
		CIF/NIF: jbc		
		Email to Login: jbc@jbctools.com		
		SMTP Server:		
V	liew report	Port-	*	

Image 26. WebManager configuration

www.jbctools.c	om
Presentation Admin. Data Email Data	Database Data Execute
It will proceed to update the database.	WebManager Installation Process Date: 9/27/2018 11:18:05 AM Version: V1.0 Date: 27/09/2018 Company/Individual Name: jbc CIF/NIF: jbc Email to Login: jbc@jbctools.com SMTP Server: Port:
Cancel	Previous

Image 27. WebManager configuration



Then, the user has to login and update the system.



Image 28. WebManager configuration

www.jbctools.com				
It will proceed to update the database.	Updates Summary			
Execute process				



www.jbctools.com		
Ended average	Updates Summary	
Start	Updating:C: \ inetpub \ wwwroot \ Webmanager \ install \ Scripts \ V1.1 \ 1.sql	
	Updating:C: \ inetpub \ wwwroot \ Webmanager \ install \ Scripts \ V1.1 \ 2.sql	
	Updating:C: \ inetpub \ wwwroot \ Webmanager \ install \ Scripts \ V1.1 \ 3.sql	
	Updating:C: \ inetpub \ wwwroot \ Webmanager \ install \ Scripts \ V1.1 \ 4.sql	
	Updating:C: \ inetpub \ wwwroot \ Webmanager \ install \ Scripts \ V1.1 \ 5.sql	
	Updating:C:\inetpub\ wwwroot\Webmanager\ install\Scripts\V12\1 sol	

Image 30. WebManager configuration

Finally, the Web Manager it's installed correctly. The next step is press the button "Discovery" to search the Station Controller service and the stations connected.

Organose menuanger/primaterionie.aspx		
		CONTROLLERS/STATIONS
Welcome!		There are no stations
First steps in Web Manager		
tere are the basic elements of the system. For more details download the User Manual.		
1 Main Manu	2 Controller Configuration	
There are two options in the Main Menu:	In the top right correct you can see the Controllers/Stations menu from where you can	
	controller.	
	⊗ CODE-SERVER 🗹	
• •	A	
MAIN USERS MENU MENU	CONFIG.	
	SERVER	
The Main Menu includes the WebManager directory functions. Furthermore, it has direct access to the graphics generator and the functions of mass actions.	Click the Edit icon and the controller panel will appear allowing you to configure the connection parameters.	
The Users Menu allows you to set the language and other environment parameters, like the units of temperature.	The Discover option is located in the Controllers/Stations menu. The Discover option	
	searches for Station Controllers connected to your local network	
	A Converse 1018 INC Solidaria ST	

Image 31. WebManager







