







HOWTO Update Firmware

Prerequisites and Preparation

It is possible to apply the update procedure via XWEB web portal on **all models** of



version 4.0



The entire procedure requires about 5 (if you have recently updated xweb) to 50 minutes (if you have never updated xweb) to be executed. Before executing it, we recommend to **export** to Excel and/or print and/or back your data. Updating procedure may require to be applied several times and it may require several xweb reboots.

This document describes:

- A) Update Firmware with XWEB connected to the Internet
- B) Update Firmware with XWEB connected to a PC
- C) Update Firmware with XWEB and a USB key

Case (A) requires to have a working Internet connection. For the other cases you require to download update files available from <u>http://www.dixell.com</u> website in "SUPPORT->SYSTEM sw update ->XWEB3000 XWEB5000". This section is available once login to the website. Update files are of about 10Mbytes.



Following pages describe procedures for the English language. XWEB for other languages might be translated.

Export to Excel Procedure

- 1) Login into XWEB with an administrator account to access to operations that follow.
- 2) From main menu select "Data→Main export". "Export Main Data" window will pop up
- 3) Select typology for example 'All typologies'
- 4) Input the time extent of data you want to export for example '1 week'
- 5) Select variables for which you want to export data for example all
- 6) analogue variables and alarms for every device
- 7) Insert the time of sampling for example 15 minutes
- 8) Press 'Export' button to execute

A. Update Firmware with XWEB connected to the Internet

- 1. Login into XWB with an administrator account to access operations here below
- 2. Stop acquisition



3. Select "Information→System Updates"

dixzl			<u>ه</u>	<u>okel</u>			
Configuration Supe	rvising	Devices	Data	Alarms	Printing	Tools	Information
Syst User Name Zago Chan Permissions Administrator Logo	tem Access Ige Status	Locked	Name: DEMO Sy Descripti S.Admin	ystem 5000 V2009 on: Dixell:non modifica	Identification/Tr	me	Modules Version System Info System Updates Library update About Synchro.
Sys IP Adr.: Resources: CPU (temp. °C/°F) / (usage): CRO Status: Dew point Status: Supervising Status: Readout: Readout: Recording: Alarm Transmission: Average Cycle Time: Remote Connection: Last Connection:	tem Status 10.10 Ram= 41 °C Not A Not A Not A Not A Not A Active 13/07/	0.82.201 98% Hd=2% / 106 °F (4%) ctive ctive ctive Active Active Active 2011 09:33 zago	_	N	Alarms Aonitoring activity is s Alarms status not av	stopped ailable	

4. Following window will popup please click on Yes **without** selecting the checkbox



5. Please wait while XWEB elaborates the latest version installed. In case XWEB is already up to date the following window will popup. Otherwise follow instructions on screen and repeat the update procedure until the XWEB is fully updated.



6. Restart acquisition (Configuration \rightarrow Start Acquisition)

B. Update Firmware with XWEB connected to a PC

- 1. Login into XWB with an administrator account to access operations here below
- 2. Stop acquisition



3. Select "Information→System Updates"

dixzĽ		dixel	dixel			
Configuration Supervis	ing Devices	Data Alarms	Printing	Tools	Information	
System Access User Name Zago Change Status Locked Permissions Administrator Logout		Name: DEMO System 5000 V20 Description: S.Admin Dixell:non mod	Identification/Time Name: DEMO System 5000 V2009 Description: S.Admin Dixell:non modificare config			
System IP Adr.: Resources: CPU (temp. °C/°F) / (usage): CRO Status: Dew point Status: Supervising Status: Readout: Readout: Readout: Readout: Alarm Transmission: Average Cycle Time: Remote Connection: Last Connection: Last Connection:	Status 10.100.82.201 Ram=98% Hd=2 41 °C / 106 °F (4%) Not Active Active Active	%	Alarms Monitoring activity is : Alarms status not av	stopped ailable		

4. Following window will popup please check "Upload file for upgrade" and click Yes button



5. Following window will popup asking you to browse your PC. Select your update file



6. Please wait XWEB will start elaborating the file you have pointed. In case the system is already updated the following window will popup

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Configuration Sup	ervising	Devices	Data	Alarms	Printing	Tools	Information
Configuration Sup Sy: Sy: User Name Zago Zago Cha Permissions Log Administrator Log Sy: IP Adr.: Resources: CPU (temp. °C/°F) / (usage): CRO Status: Dew point Status: Supervising Status: Readout: Recording: Alarm Transmission: Average Cycle Time: Remote Connection: Last Connection: Last Connection:	ervising stem Access inge with a constant inge with a constant inge	Devices B5000 update - Mo: p://10.100.82.201/Ir	In the second se	Alarms	Printing Identification/Tir	Dped	Time: 9:47:41 Synchro.

7. Otherwise, if your XWEB needs to be updated the following window will popup. Please confirm to continue



8. Please wait until the update is applied



9. A window indicating the success of the update procedure will popup. In case your XWEB has not been fully updated your system needs to restart and you need to apply the update procedure again. While reeboting your connection may be lost for a few minutes.

dixzl	
Total Progress: Messaggio The system going down for reboot. Please wait. QK CHOSE	
	_
Total Progress: 100% Installation succesfully ended! 100% Operation finished!	
Close	

10. To verify the installation of the updates please check "Information → Modules Version"

Tools	Information		
	Modules Version		
/Hora	System Info		
	System Updates		
	Library update		
	About		

11. You will notice the updates that have been installed

XWEB 5000 Modules information - Mo	zilla Firefox		
10.100.82.201//Information/Module	s.php?rnd=0.8174612434665584		5
dix 2L			
	XWEB 5000 Version: 00	4.007.011.012	
Module function	Module information	Revision date	Last Update
General service	XJSTAT V4.0.0	Jan 13 2010	13 01 2010
Scheduler	XJMAIN V4.0.0	Jan 13 2010	13 01 2010
Acquisition	XJACQ V4.0.0	Jul 5 2011	06 07 2011
Istorical management	XJSTR V4.0.0	Jan 13 2010	13 01 2010
Alarm management	XJALM V4.0.0	Mar 2 2010	05 03 2010
Notification management	XJSERV V4.0.0	Jul 5 2011	06 07 2011
Scheduler management	XJAUT V4.0.0	Nov 29 2011	12 12 2011
Supervising management	XJSPV V4.0.0	Oct 18 2011	12 12 2011
Device search	XJDIXELL V4.0.0	Nov 16 2009	05 03 2010
rpm	release	install date	build date
patch	v 4 0 3 i386	Eri Oct 29 09:35:48	Thu Apr 15 15:35:46
newhw	v 0.0.1 i386	Fri Mar 13 09:39:20	Fri Mar 13 09:38:09
patch	v 4.0.4.i386	Fri Oct 29 09:45:25	Fri Jun 11 10:40:23
patch	v 4.0.4L.i386	Fri Oct 29 09:45:27	Mon Oct 25 11:51:48
patch	v 4.0.6ssh.i386	Mon Dec 12 11:19:13	Tue Nov 29 09:02:12
patch	v 4.0.0.i386	Wed Jan 13 16:23:07	Wed Jan 13 16:04:28
patch	v 4.0.1.i386	Fri Mar 5	Mon Feb 15 09:42:02
patch	v 4.0.2.i386	Fri Mar 5	Tue Mar 2
patch	v 4.0.b1.i386	Fri Mar 5	Tue Nov 17 10:04:12
patch	v 4.0.5.i386	Wed Jul 6	Wed Nov 10 16:15:07
patch	v 4.0.6.i386	Wed Jul 6	Tue Jul 5
patch	v 4.0.6b.i386	Tue Nov 8	Tue Oct 18 14:08:09

12. Restart acquisition

	Configuration	Super
	System	
	Categories	System
	Scheduler	
	Alarms	locked
	Devices	
	Permissions	
	Device Find	
	Start Acquisition	te
	Stop Acquisition	0.82.201
	Reboot	-08% Hd-
~		

C. Update Firmware with XWEB and a USB key

- 1. From mouse/keyboard connected to XWEB please login with an administrator account to access to operations that follow
- 2. Stop Acquisition



3. Select "Information→System Updates"

Configuration Supervisin	ng Devices	Data	Alarme			
			Alaritis	Printing	Tools	Information
System Access User Name Zago Change Status Locked Permissions Administrator Logout		Name: DEMO S Descripti S.Admin	Identification/Time Name: DEMO System 5000 V2009 Description: S.Admin Dixell:non modificare config			
Permissions Administrator Logout System Status IP Adr.: 10.100.82.201 Resources: Ram=98% Hd=2% CPU (temp. °C/*F) / (usage): 41 °C / 106 °F (4%) CRO Status: Not Active Dew point Status: Not Active Supervising Status: Not Active Readout: Not Active Recording: Not Active Alarm Transmission: Not Active Average Cycle Time:			N	Alarms Ionitoring activity is s Alarms status not ava	stopped ailable	

4. Insert into XWEB the USB key you have previously preparated dezipping the file you downloaded from the Dixell website like the figure below. Warning: pay attention to paths. "xwebupdate" must be placed into USB key root folder

Organize 🔹 Share with 🔹 🛛	Burn New folder			
Favorites	Name	Date modified	Туре	Size
	dixell_public.asc	30/01/2008 00:00	ASC File	2 KI
Libraries	preinstallf9.sh	04/11/2011 08:47	SH File	25 K
	XWEB2009-patch-4.0.0.i386.rpm	03/02/2010 00:00	RPM File	3.578 K
Sector Computer	XWEB2009-patch-4.0.1.i386.rpm	15/02/2010 00:00	RPM File	750 K
😂 OS (C:)	XWEB2009-patch-4.0.2.i386.rpm	02/03/2010 00:00	RPM File	285 K
🥪 Local Disk (D:)	XWEB2009-patch-4.0.3.i386.rpm	15/04/2010 00:00	RPM File	2.883 K
<pre> HP_RECOVERY (E:) </pre>	XWEB2009-patch-4.0.4.i386.rpm	30/06/2010 00:00	RPM File	198 K
🥪 USB DISK (L:)	XWEB2009-patch-4.0.4L.i386.rpm	25/10/2010 00:00	RPM File	836 K
📕 xwebupdate	XWEB2009-patch-4.0.5.i386.rpm	23/11/2010 00:00	RPM File	1.133 K
), 3000	XWEB2009-patch-4.0.6.i386.rpm	11/07/2011 09:52	RPM File	820 K
	XWEB2009-patch-4.0.6b.i386.rpm	03/11/2011 08:45	RPM File	125 K
	XWEB2009-patch-4.0.b1.i386.rpm	20/11/2009 00:00	RPM File	79 K

- 5. Wait a few seconds to make XWEb to recognize the USB key
- 6. Click on Information→System Updates. Following window will popup



7. Apply the update following instructions on screen. The update procedure may require a reboot. In that case please repeat the update

procedure until XWEB reports that "XWEB 5000 is already updated to the last available version!".

8. Restart acquisition

