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How to update the firmware via the web interface (HTTP)

- 2018-02-23 - Classic Switches

This howto describes the HTTP firmware update on Hirschmann Platform devices RS20/30/40, RSR20/30, MS20/30, PowerMICE, MACH100/1000/4000 and Octopus.

### Open the web interface

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	Automation and Longitud	(b) HIRSCHMANN
Java		Power MICE The other Market AT IT: The other series The other s

Open your web browser and type the ip address of the switch into the address field of the browser.

Confirm with 'return'

When java has correctly started, a login screen shows up.

Login

Besic Settings     Orden     System     Setwork     Setwork     Der Configuration	O System		(f) HIRSCHM	IANN
- Power over Ethernet	Alarm Start Time			_
Restart	Alarm Reason			
<ul> <li>Security</li> <li>Time</li> </ul>	System Data		Device View	
Switching     GosPriority	Name	PowerMICE-4D6SCA.		
Geting	Location	Hischmann PowerINCE		
Redundancy     Disgnostics	Contact	Hirschmann Automation and Control GmbH	اهاهاهاهاها	
Advanced     Help	Basic Module	M54120-L3P HW:1.26		
	V Nedla Mcdule 1	MINE-ATX/SEP (MINE-ATX/SEP) HW-1.00	MI Power- M2 M3 M4 M5	
	Vedia Module 2	MM22-TITITITISAHH (MM22-TITITITISAHH) HW:1.00	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
	Vedia Module 3	MM2-4TX1 (MM2-4TX1) HW:1.04		
	V Media Module 4	MM2-4TX1 (MM2-4TX1) HW:1.04	∋ <b>∭</b> ∋∰≣∋∰≣∋∰	
	V Media Module 5	MM2-4TX1 (MM2-4TX1) HW:1.04	4週 4週 4週 4週 4週	
	Media Module 6			
	Media Module 7			
	Power Supply 1/2	present / failed		
	Uptime	15 day(s), 20:26:04		
	Temperature (*C)	L 0 52 T 70		
		Set Reload		😡 Help
	Reloading Data in 85 s. ok			8.8

To be able to upload new firmware, you need to log in with admin rights.

The default values are:

Login: admin

Password: **private** 

After succeful login the system overview screen is shown.

# Change to the Software dialog

System	Software	(b) HIRSCHMANN
Port Configuration	Version	
Power over Ethernet	Stored Version L3P-07.1.01 2012-02-22 23:29	
Restart	Running Version L3P-07.1.01 2012-02-22 23:29	
©-🤍 Time	Backup Version L3P-07.1.00 2011-12-19 14:48	Restore
Switching     Gos/Priority	titp Software Update	
Routing	URL thp://192.168.1.100/product/product.bin	Update
E-Disgnostics	HTTP Software Update	2
Advanced     Help	File	Update
	Reload	😣 Heb

- 1. Select "Basic Settings" "Software" in the menu tree on the left hand.
- 2. Click on the "..." button in the "HTTP Software Update" section.

### Browse and select firmware file

🛃 Open			x
Look jn:	🍌 v07.1.01	- 🦻 📁 🖽 -	
Recent Items Desktop Wy Documents Computer	<ul> <li>m100geLi</li> <li>m100L2P.</li> <li>m1000geli</li> <li>m1000geli</li> <li>m4002L2i</li> <li>m4002L3i</li> <li>m4002xgli</li> <li>m4002xgli</li> <li>m4002xgli</li> <li>m4002xgli</li> <li>m4002xgli</li> <li>m4002xgli</li> <li>m4002xgli</li> <li>m4002xgli</li> <li>m4002xgli</li> <li>miceL2E.it</li> </ul>	P.bin omL2E.bin eL2P.bin omL2P.bin eL3P.bin orL2P.bin P.bin pmL2P.bin BE.bin pmL3E.bin gL2P.bin rsL2E.bin gL3E.bin rsL2P.bin gL3P.bin rsL2P.bin bin	
	File name:	pmL3P.bin Ope	n
Network	Files of type:	Image - Cano	cel

- 1. Search and select the correct firmware file in the file selection window.
- 2. Click "**Open**" to close the file selection window.

## Start update

Basic Settings     System     System     Stational	🖟 Software	
Port Configuration     Power over Eliternet     Power over Elitern	Version         Stored Version         L3P-07.0.05.2012-04-13.21-20           Running Version         L3P-07.0.05.2012-04-13.21-20           Backup Version         L3P-07.0.05.2012-04-13.21-20           Backup Version         L3P-07.1.01.2012-02-22.23:29           Iffly Software Update         URL           URL         http://f12.160.1.103.lproduct.lproduct.lbn           MTTP Software Update         URL           Pite Dt/v07.1.01:pmL3P.bm         Software Update	Restore Updae 2
	Retord	😡 Hati

- 1. The file path is automatically added to the File field.
- 2. Start the update process by clicking the "**Update**" button.

## **File Transfer**

Bysten Bysten Hetwork	a Software	RSCHMANN
Perr Configuration Perver und Ethernet Configuration Perver und Ethernet Configuration Perstant Security Configuration Perstant Security Perstant	Version Street Version ISP-07.1.91 2912-02-22 20:29 Running Version ISP-07.1.91 2912-02-22 20:29 Deckup Vers	Petter
	Retrost	@ neu

- 1. During the file transfer, the window is greyed out, and a "Please Wait" popup message is shown.
- 2. Wait until a "Update completed successfully" message appears.

Confirm with "**OK**"

**Compare Software versions** 

System     System     Software	迈 Software	(h) HIRSCHMANN
	D Software           Version           Stored Version           Stored Version           LSP-07.1.01 2012-02-22 23:29           Ranning Version           LSP-07.1.01 2012-02-22 23:29           Itbp Software Update           URL           URL           URL           Participation           ITTP Software Update           URL           Itbp J012:103.1:00/product/product.ton	Restore Update Update

- 1. Click "Reload" and compare the "Stored- and Running Version".
- 2. The update firmware version is shown in the "Stored Version"

### Activate the new firmware



To activate the new uploaded firmware a "Cold Start" needs to be performed.

Go to "Basic Settings" - "Restart" and click on "Cold Start".

#### **Confirm Reboot**

Restart	
?	Cold start? Delay (hh:mm:ss) 00:00:00
	OK Cancel

Click "OK" to reboot the device immediately.

### Switch reboots



While the switch reboots the web browser session is interrupted. Reload the web interface after the switch completely booted up. Depending on the used hardware this can take up to 2 minutes.

### **Check Software versions**

Basic Setings System Pert Configuration For Configuration For Configuration For Configuration For Configuration For Security For Security For Configuration For Research For Security For Configuration For Research For Security For Configuration For Research For Security For For Security For Security For For Security For Securit	3 Software	(h) HIRSCHMANN
	Software Version Stared Version L3P-07.1.01.2012-02-22.23.29 Running Version L3P-07.1.01.2012-02-22.23.29 Becoup Version L3P-07.1.01.2012-02-22.23.29 Utp Software Update URL Itp_VFR2.160.1.109/product/product.bin HTTP Software Update File	Restore Ubdate
		Rebad 🕑 Heb

Check again the "Stored- and Running Version" in the "Software" menu.

Both should show the latest firmware version.