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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 London	(b) HIRSCHMANN
Java Java		Power MICE Fotoset Mathae #1100 Trape of the image of t

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 System System System Software Det Configuration	O System		F) н	RSC	HMANN
Power over Ethernet	Alarm Start Time	-				
Load/Save	0	•				
E-g Security	Alarm Reason					
Time	System Data		Device View	_		
CoS/Priority	Name	PowerMICE-4D63CA				
Routing	Location	Hirschmann PowerMCE				
B Disgnostics	Contact	Hirschmann Automation and Control GmbH				
Advanced Help	Basic Module	M54128-L3P HW-1.26				
	Vedia Module 1	MIM4-4TX/SFP (MM4-4TX/SFP) HW-1.00				
	Vedia Module 2	MM22-TITITISAHH (MM22-TITITISAHH) HW:1.00	MI Pow SARS	ак. M2 РУ	MC) M4	vs and
	Media Module 3	MM2-4TX1 (MM2-4TX1) HW:1.04	2	2 2 2		2 20
	V Media Module 4	MM2-4TX1 (MM2-4TX1) HW:1.04	ə 🎆	3 🕮 -		ə 🎆 c
	V Media Module 5	1002-4TX1 (MM2-4TX1) HW:1.04	4 🎯	4 🎆 -	4團 4團	4 200
	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. of					

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

Basic Settings System Stetwork	Software	(h) 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	
B- Time	Backup Version L3P-07.1.00 2011-12-19 14:48	Restore
Switching GoS/Priority	tifp Software Update	
Reuting Redundancy	URL tftp://192.168.1.100/product/product.bin	Update
E Disgnostics	HTTP Software Update	2
Advanced Bog Help	File	Update
	Reload	S 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 My Documents Computer	 m100geL2 m100L2P. m1000gel m1000gel m4002L2i m4002L3i m4002L3i<	2P.bin miceL2P.bin P.bin omL2E.bin eL2P.bin omL2P.bin eL3P.bin orL2P.bin p.bin pmL2P.bin eLbin pmL3E.bin pL2P.bin rsL2E.bin L3E.bin rsL2P.bin bin bin	
	File name:	pmL3P.bin Open	
Network	Files of type:	Image Cance	

- 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 State Settings Settings	🖟 Software	
Port Configuration Power over Eliternet Secrity Power over Eliternet Secrity Power over Eliternet Power over Eliterne	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-07.1.01.2012-02-22.23:29 Iffly Seffware Update URL URL thp://f12.168.1.103/product/product/bin HTTP Software Update URL Pic Dtw07.1.0TupmL3P.am Seffware Version	Restore Update 2
	Rebod	Q Hep

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

File Transfer

Basic Sectore Bystem Hetwork	a Software	SCHMANN
Port Configuration Prove und Etherme Configuration Restart South South Protection Restart South Restart Restar	Version Bhred Version LIP-07.1.01 2012-02-22 20:29 Running Version LIP-07.1.01 2012-02-22 20:29 Deckup Version LIP-07.1.02 2011-12:101 14-46 Phb Software Update URL (http://flc.165.1.103pmducdjarobal bei MYTP Software Update File (C.GatesriProduite/Petifismshuf7.1.010pmLIP bis Teene wat	Restorm
	Retiread	Q 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 System Schwark Schware	迈 Software	(h) HIRSCHMANN
 Network Statum Port Configuration Power over Ethemat CasSiane Restart Statum Statum Restart <	Software Version Stered Version LSP-07.1.01 2012-02-22 23:29 Running Version LSP-07.0.05 2012-04-15 21:20 Backup Version LSP-07.1.01 2012-02-22 23:29 Ttp Software Update URL URL Iftp XI102:108.1.100iproduction INTTP Settware Update File	Restore 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 Settings System System Software	3 Software	(h) HIRSCHMANN
Security Security	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 Ubdate Ubdate
		Rebad 🕑 Heb

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

Both should show the latest firmware version.