

CMS MOBILE 4 SETUP GUIDE

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1. HARDWARE AND SOFTWARE REQUIREMENTS

Please read the requirements and notes carefully before proceeding with configuration of CMS MOBILE 4 as this document contains important information.

NetStation / NetStation Enterprise						
MINIMUM SYSTEM REQUIREMENTS						
OPERATING SYSTEM	Windows 10 64-bit, Windows Server 2016 / 2019					
MOTHERBOARD	Intel chipset based (ASUS,Gigabyte, Intel)					
PROCESSOR	6th generation Intel Core CPU					
MEMORY	(without VCA) 8 GB / (with VCA) 16 GB					
VIDEO CARD (without VCA or LPR)	motherboard with built in video output					
VIDEO CARD (with VCA)	NVIDIA GTX1650 Super					
NETSTATION VERSION	3.4.5.109 and above					

NetStation / NetStation Enterprise with CMS HUB connection							
MINIMUM SYSTEM REQUIREMENTS							
OPERATING SYSTEM	Windows 10 64-bit, Windows Server 2016 / 2019						
MOTHERBOARD	Intel chipset based (ASUS,Gigabyte, Intel)						
PROCESSOR	6th generation Intel Core CPU						
MEMORY	(without VCA) 8 GB / (with VCA) 16 GB						
VIDEO CARD (without VCA or LPR)	motherboard with built in video output						
VIDEO CARD (with VCA)	NVIDIA GTX1650 Super						
NETSTATION VERSION	3.4.5.112 and above						
CMS HUB VERSION	3.4.5.112 and above						

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MOBILE DEVICE OS				
MINIMUM SYSTEM REQUIREMENTS				
iOS	15.0 and above			
ANDROID	8.0 and above			

IMPORTANT NOTE: Configuration of HTTP server requires the user to exclude the connection port from any firewall software and also forward it on the router. Default HTTP server port is 8080. Failing to do so will not allow CMS MOBILE 4 client to connect to Your NetStation or CMS HUB software.



2. NETSTATION SOFTWARE CONFIGURATION

IMPORTANT NOTE: CMS MOBILE 4 does not overwrite the previous application. They can work together on one mobile device.

IMPORTANT NOTE: Before uninstalling old CMS MOBILE software please ensure You EXPORTED the address book from it, otherwise it will/might be lost without a way to retrieve it back. Export procedure is explain in section EXPORTING ADDRESS BOOK FROM PREVIOUS APP

Unlike CMS 4 and previous CMS mobile software, CMS MOBILE 4 requires HTTP server to be turned on and port forwarded in order for it to connect. HTTP server can be enabled either from NetStation software, or remotely from CMS 4 if You are logged in as administrator.

a) from NetStation application settings

STEP 1. Stop service and launch "Application settings"





STEP 2. Login with administrator account and go to CONFIGURATION -> ADVANCED -> HTTP SERVER



STEP 3. Enable Mobile/HTTP server option and configure connection port accordingly to Your network requirements

II H	ttp server		\times
			^
	Network confi	iguration	
	Mobile/HTTP s	erver enabled*	
	Server port :	8090	
	Bind to interface :		
		HTTPS protocol (Installed SSL certificate is required)	
		SSL certificate	
		Enable CMS4 Web-based dient	
		Listening on port 8090	



b) from CMS 4 application

STEP 1. L	aunch	CMS 4	and	select	Your	connection	profile
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1			

STEP 2. Go to CONFIGURATION tab, enter administrator mode and select Your server from left side dropdown list

	Live Playback Config	guration
🔲 CMS Client 🗸		
	Information	
🔲 CMS Client		
CMS HUB		
ALNET MACIEJ TEST		
General settings		
🛓 Joysticks & controllers	Detailed	
📾 Keyboard shortcuts		
🔝 VCA overlay		
🔂 Local archive		
Quick archive preview		
Virtual outputs	Additional information	
Video backup		



STEP 3. Select Mobile / HTTP server from the menu and enable it. Remember to configure connection port accordingly to Your network requirements

		Live	Playback	Configuration	LPR Live	LPR	Reports	VCA	E-maps		ß	ß
ALNET MACIEJ TEST 🔹												
5 problem(s) detected!	Network configuration											
General settings												
🔄 System logs	Mobile/HTTP s	X Mobile /HTTP server enabled*										
Q DVR events												
Ø Virtual outputs	Server port :											
🔜 Hardware info												
🕥 System time	Bind to interface :											
Recording blockade	HTTPS protocol (Installed SSL certificate is required)											
Video backup		SSL certificate										
👤 User list	Enable CMS4 Web-based dient											
② Task scheduler												
Additional information				Listening on port 8090								
Database settings												
Database backup												
System database												
Network settings	WAN address	(optional)										
📩 CMS HUB												
DVR list												
Nobile / HTTP server	WAN address*:	10, 162, 24, 116							Auto ch	eck WAN a	adress	
Video server for CMS4	WAN port:											
Additional video server for CMS4		WAN port is the s	ame as Server port									
🗘 Mobile push notifications		* WAN address is your	Internet address/	lomain. Using this address	you can connect to	this HTTP s	erver from Inter	net. It can b	e different from	this comp	uter IP	
NO RTSP server		address. This setting w	vil be used when se	nding notification e-mails w	ith external links to	video clips.	. Leave this field:	s empty whe	en you don't use	notificatio	n e-mails.	
SMTP configuration												
SSL certificates												
🔯 Two step authentication												
Additional modules												



3. CONFIGURING CMS HUB SOFTWARE

Enabling HTTP server on CMS HUB is identical as in NetStation.

STEP 1. Launch CMS HUB configuration



STEP 2. Select Mobile / HTTP server from the menu and enable it. Remember to configure connection port accordingly to Your network requirements

Application settings	
📩 CMS HUB 👻	
System	Notwork configuration
🔄 System logs	
 System information 	
General settings	Mobile/HTTP server enabled*
🔎 Virtual outputs	
📎 System time	Server port : 9065
L User accounts	Bind to interface :
Local password protection	HTTPS protocol (Installed SSI, certificate is required.)
Video backup	
🖉 Task scheduler	Ex SSL certificate
Database settings	Enable CMS4 Web-based client
Database backup	Listening on part 9065
🌄 System database	water mig wit por kawa
Network settings	
DVR list	
Network server for DVR events	
Additional server for DVR events	WAN address (optional)
Network server for CMS4 clients	
Nobile / HTTP server	
RTSP server	WAN address*:
SMTP configuration	WAN port:
SSL certificates	WAN port is the same as Server port
Two step authentication	[™] WAN address is your Internet address/domain. Using this address you can connect to this HTTP server from Internet. It can be differ address this out the used where a the address of the address the address the to take a the address the out the used of the set of the address the set of the address of the address the address the address the address the out the used of the set of the address the set of the address the address the address the address the address the address the out the set of the address the set of the address the addres

NOTE: This can be also enabled remotely from CMS 4 side, same way as it is for NetStation. Instead of a specific server simply choose CMS HUB.



4. EXPORTING ADDRESS BOOK FROM PREVIOUS APP

It is important to export the address book before uninstalling the old generation of CMS MOBILE app. This way the user will not have to retype everything but will just need to adjust port configuration if it differs from the default values.



a) ANDROID device

After launching the application, press "Export list" (1), and then choose where You want the list to be saved and file name(2). The entire list of connections will be saved.



b) iOS device

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Date 14	<u>(i)</u> 4	\bigcirc								
1.000	(i)5	\bigcirc								
1000	(i)6	\bigcirc								
1000	<u>(</u>]7	\bigcirc								
1	<u>(</u>)8	\bigcirc								
1000	(j)9	\bigcirc			X					
New	0	1								
Connect	t CMS HUB Settings	Export list Import list	Back							
			•							
			🔝 < iCloud Dri	ve	untitled folder 😔		 9	88	Move	
			Q Search							
					-					
					Folder is Empty					
				2						
				2						
			address_list					a	0 Tags	
						_				

After launching the application, press "Export list" (1), and then after naming the file, it will be saved automatically to iCloud Drive (2). The entire list of connections will be saved.



5. IMPORTING ADDRESS BOOK IN CMS MOBILE 4

Importing the address book allows you to transfer the current list of servers to a new device or switch from a previous version of the CMS MOBILE application. If you already have some servers in the list, they will not be deleted. If the imported list contains a server already present (same login address and password), it will be skipped when adding.



a) ANDROID device

To import the address book, create a new profile (if not already done) with the button "Add new profile (1), go to the DVR list (2), from the menu button select "Import DVR list" (3) and select the file to import (4).



b) iOS device



To import the address book, create a new profile (if not already done) with the button "Add new profile (1), go to the DVR list (2), from the menu button select "Import DVR list" (3) and select the file to import (4).



6. ADDING SERVER / CMS HUB



a) connecting to NetStation

Start by pressing the "Add New Profile" at the bottom of the screen (1), then go to DVR list (2) and the "Add a new DVR" button (3). The last step is to enter the access credentials of the server we want to connect to (4). Optionally, we can enable PUSH notifications here.

NOTE: If You already have a profile created, You do not need to add a new one. Just edit it by pressing the **b** button, select "edit" and add another server starting from point (2). Note that after adding even one server, the button will turn from orange to gray.



b) connecting to CMS HUB



Add a new profile with the button at the bottom of the screen (1), select the option to connect to the HUB (2) and then enter CMS HUB address, port, login and password of the user (3)

The list of servers and camera access permissions will be downloaded automatically.

NOTE: If the profile is already created, You do not need to add a new one. Just edit it by pressing the button, select "edit" and continue the configuration from point (2). If there were servers already added to the list, activating the connection with CMS HUB will replace this list with the one from CMS HUB. After deactivating HUB connection, the old list will be restored.

