

# AMS Initial configuration: screenshot-based guide

**en** Application note

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# 1 Initial configuration

## 1.1 Disclaimer

This simple screenshot-based guide is primarily for familiarization purposes. It uses only default settings. For the specialized settings required by production systems, consult the main installation guide for the product.

## **1.2** Configuring an entrance

1. When AMS is installed, three shortcuts appear on the desktop.



- 2. Open the *AMS* shortcut and log in with the default username and password, which are both *Administrator*.
- 3. The system prompts you to change the default password.
- **IMPORTANT**: Make careful note of the new password!

#### 4. The AMS main menu opens.

Access Management System: Main menu [Administrator] (Demo mode expires: 11/29/2021 05:16:11 PM)
 File Edit Data Help

	Personnel data	
	Visitors	
Ľ,	Guard Tours	
<b>_</b> ].	Tour monitoring	
-	System data	
6	Reports	
¢	Configuration	

5. In the AMS main menu, click **Configuration** > **Device Data**.

The device editor window opens over the AMS main window, and a popup window prompts you to enter a Device communication password.

DMS*	DMS-Server Threat level manage	ment	
	<u>Name :</u> Description:	DMS DMS Server	
	Division:	Comeon V	
	Device communication		
		A password is required to secure the communication with the AMCs through DTLS. This device-communication password has to be set for the access control system in the device editor, if the password for the AMC has been set using the IPConfig tool, then the password in the device editor must match that password.	
		Password:	Show
		Confirm password:	
		Password strength: The password is very weak, consider using a stronger one	
		OK Cancel	

- 6. Enter a new DCP (Device Communication Password) to secure the communication with the AMCs. Use the password strength indicator, because this password is crucial to the security of the entire system.
- **IMPORTANT**: Make careful note of the new password!

7. Click the + box to the left of the **DMS** icon, to unfold the hierarchy.

Name :       DMS         Description:       DMS-Server         Division:       Common         Device communication       Configured on this device	Name : DMS Description: DMS-Server
Description: DMS-Server	Description: DMS-Server
Division: Common V	
Division: Common ~	
Device communication Configured on this device	Division: Courses
Device communication Conngured on this device	Device exemption Configuration
	Device communication Configured on this device

- 8. Right-click **MAC** and select **New object** from the context menu.
  - The popup window **Define access controller** appears.

MAC Global access settings System state and threat level
Name : MAC Description: MAC1
Device communication password: Inherited from DMS
Active:
Load devices: ☑ IP address: 127 0 0 1 Define access controller ×
Time zone: (6MT+01:00) - Amsterdam, Berlin, AMC 4-R4, Access Modular Controller 4 RS 485 V
AES-Key for SimonsVoss gateways:
Access sequence check: OK Cancel
Division: Common
Instance: 1

9. Select from the drop-down menu in the popup window the type of AMC that you wish to connect, and click **OK**.

Tabs appear in the main window for configuring the AMC door controller.

	AMC 4-R4 Inputs Outputs Terminals
<b>□ a</b> MAC <b>□ a MAC 4-R4-1*</b>	Name : AMC 4-R4-1 Description: AMC
	Communication to host
	Controller interface Interface type: TLS V
	IP address / host name: Port number: 10001
	Device communication Inherited from DMS
	Bootloader: LCMV0062.RUN
	Program:
	Power supply supervision:
	Division:

- 10. Enter the name of your AMC and its IP address or hostname as per your infrastructure plan.
- If the AMC is physically connected to the network, select the Communication to host check box.
- Otherwise leave the check box clear until the AMC is fully configured in software and hardware.

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		AMC 4-R4 Inputs Outputs Terminals
	C Neu*	
		Name : AMC Neu
		Description: AMC
		✓
		Communication to host
		Controller interface
		Interface type: TLS
		IP address / host name: xxxx
		Port number: 10001
		Bootloader: LCMV0062.RUN
		Program
		Power suppry supervision:
		No LAC accounting:
		Distance -
ight-clic	k the AMC and s	Division: Common
ight-clic DevEdit - [Sy le Edit View	k the AMC and s stem configuration] / Windows ?	select New object > New entrance.
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ight-clic DevEdit - [Sy le Edit View + ×  s ⊲ ∎ DMS - a MAC	k the AMC and s stem configuration] / Windows ? Main Report Report New object Delete object Manage reader parameter Set device communicatio Change reader types Copy Paste	Division: Common select New object > New entrance. AMC 4-R4 Inputs Outputs Terminals New entrance Ctrl+N Del New extension board Ctrl+E rface type: ILS P address / host name: xxxx Port number: 10001 Device communication Inherited from DMS
ight-clic DevEdit - [Sy le Edit View → I = 0MS	k the AMC and s stem configuration] / Windows ? Manage reader parameter Set device communication Change reader types Copy Paste	Division: Common select New object > New entrance. AMC 4-R4 Inputs Outputs Terminals New entrance Ctrl+N Del New extension board Ctrl+E rface type: ILS por host communication Inherited from DMS Bootloader: LCMV0062 RUN
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ight-clic DevEdit - [Sy le Edit View ■ DMS ■ MAC □ = MAC	k the AMC and stem configuration] / Windows ? > 제 "변   이 아 이 유 문 New object Delete object Manage reader parameter Set device communicatic Change reader types Copy Paste	Division: Common  Select New object > New entrance.   AMC 4-R4 Inputs Outputs Terminals  New entrance Ctrl+N  Del New extension board Ctrl+E  rface type: TLS  rface type: TLS  Port number: 10001  Device communication Inherited from DMS  Boottoader: LCMV062:RUN  Frogram: Power supply supervision: No LAC accounting:

12. The **New entrance** dialog appears. Select an entrance model from the drop-down list. The various door models are described in the manual or online help **AMS configuration and operation**.

From their respective drop-down lists, select the first inbound and outbound reader types

that you plan to connect to your AMC.

File Edit View Windows ?	8 0.0	
a Pinds a	AMC 4-R4 Inputs Outputs Terminals           Name :         AMC Neu           Description:         AMC	
	Communication to host      New entrance       Controller interface     Interface type:       Interface type:     TLS       Options     Entrance model:       IP address / host name:     xxxx       Port number:     10001       Device communication Inherer     Max. number outputs/authorizations:	×
	Bootloader:     LCW/       Program:     LCW/       Power supply supervision:     1st inbound reader:       No LCA eccounting:     1st outbound reader (optional):       Division:     Comm         2nd inbound reader (optional):     no reader defined : :	> > >

13. The device tree displays the door model and subordinate door and readers.

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DMS	OSDP Options Door control Verifications Additional settings Offline Locking System Cards
Door model	Name: Exit Reader
- Door-1	Description: DSDP
Exit Reader	
	~
	Division: Common
	Type: OSDP : OSDP Reader : OSDP 🗸
	Activate encryption:
	Enhanced parameterization: No extended parameters V
	Door model 01a
	Common door with ontry and evit reader
	Common odor with entry and exit reader
	Exit

14. Accept the defaults or enter names for your door model, door and readers, plus a description (optional).

- 15. Click  $\square$  (diskette icon) to save the configuration.
- 16. Close the device editor window. You return to the main menu.

## 1.3 Defining card types

1. In the main menu, click Configuration > Options > Card definition.

Access Management System: Main menu [Administrator] (Demo mode expires: 11/29/2021 05:16:11 PM)



 In the Card definition dialog, select the card types that your system requires from the list Available card types. Use the arrow keys to move the desired type or types to the Active card types list.



## **1.4 Configuring an enrollment reader**

- 1. Select main menu > Configuration > Options > Card reader
  - Access Management System: Card reader [Administrator] (Demo mode expires: 11/25/2021 07:05:22 PM)



- Select the correct workstation and click the green + icon in the Workstations pane. Select the type of enrollment reader that you have, or select reader type "Dialog" as the default basic reader.
- 3. Click (diskette icon) to save the configuration.

## **1.5** Configuring persons with cards and authorizations

1. Go to the main menu.

Access Management System: Main menu [Administrator] (Demo mode expires: 11/29/2021 05:16:11 PM) File Edit Data Help



2. Go to System data > Authorizations.

entrances and	then click	to save it				
Access Management S	stem: Authorizations [Adm	inistrator] (Demo mo	• de expires: 11/29/2021 05	:16:11 PM)		
File Edit Data Help						_
		≪ ≣α ►	▶ < ? □	Division:	Common	<b>_</b>
« Main menu	Authorization name	Reception		MAC: MAC	: MAC-1 : Common	•
Authorizations	Description			1000		
Access profiles	Inactivity limit	:		Attention: Authoriza     being unused for th	tion will be withdrawn af e specified period	ter
Areas	Entranco		and Barline Lab America inte			
Reset areas	Name		Erom	usion detection   PegaSys	In	Dut Divisio
unknown	Door model	Entry and exit reader	Outside of the system	Reception		Comn
Random screening						
PegaSys Configuration						
OSS-SO						
R Person classes						
Person security profiles						
<b>9</b> Calendar						
Authorization profiles						
T for panels						
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	Assign all entrances	Remove all entrances				
	Withdraw	Assig	n all Remove	all		
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Cards Princ badges Cards Pinc color Blacking Blacki	Contact, No: Contact, No: Control, State: Cont	ergines: 11/25/2021 07:05:22 H	PM)  Prist name: Tom  First name: Tom  Date of birth:  Gender: Title:  Card control   Elevator data   Estra Info  Carly: Hatoonality:	Signature   Fingerprints		Administer
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5. Enter the last and first name of the person who should be allowed to pass through the door, and select the "Employee" person class.

	to save
Access Management Sy	stem: Cards [Administrator] (Demo mode expires: 11/25/2021 07:05:22 PM)
File Edit Data Help	C Common
« Main menu	Last name: Breuer First name: Tom Administered globally
Persons	Birth name: Personnel no.: Date of birth:
Companies	Person class: Employee v Gender: v
Print badges	Company: Title:
Lards	Cardino.: Peador.
PIN code	Card no. Application type PegaSys Lock(s) Card validity Collecting date Card code data
Blocking	Dialog (Wiegand) Dialog (Bosch)
Blacklist	Delete card
Group of persons	Authorizations Other data   PegaSys   SmartIntego   OSS-SO   Alert card   Intrusion
Group authorizations	Access profile:
Areas	Assigned access authorization         Available access authorizations         Filter:         0 / 0           Name         MAC         Time model         Valid from         Vz         Name         MAC         Time model         Division
Change division	
PegaSys Stoppage card	

#### 6. Go to the **Cards** menu.

The card for the previously selected person appears in the main dialog pane. Click the arrow next to **Record card** and select the correct card reader.

		< ? Division:	Common		
« Main menu	Last name: Breuer		First name: Tom		Administered globally
Persons	Birth name: Personnel no.:	D	ate of birth:		
Companies	Person class: Employee	v	Gender:	v	
Print badges	Company: Car license no.:	¥	Title:		
Cards	Card no.:		Reader +		
PIN code	Card no. Application type PegaSys	Lock(s) Card validity Collec	Recording badge ID	<u>×</u>	Record card
Blocking			Usage type: Card no.:	Personal card	Change card
Blacklist			Version: Facility code:	000001	Delete card
Group of persons	Authorizations Other data PegaSys SmartInteg	OSS-SO Alert card Intrusion	Country code: Card technology:	00 Mifare Desfire	
Group authorizations	Access profile:		Card data type: Number of bits:	BOSCH encoding gned	
Areas	Assigned access authorization			Cancel	0/0
Change division	Hume Inde	Time model valid from	vc mane	inne i	Dination
PegaSys Stoppage card			<		
			<<		

 Click **Record card** and enter a card number and the other data provided by your card supplier. For Bosch MIFARE coded cards, enter MIFARE DESfire or MIFARE Classic, with 63 bit. For BOSCH cards, the Facility code is printed on the packaging and the card number is printed on the card.

		≣⊲, ► ►	< ?	Divisi	on: Common	<b>•</b>				
ain menu	Last name:	Breuer		í i	First name: 1	om			Administered gk	obally
	Birth name:			1						
ins	Personnel no.:				Date of birth:					
anies	Person class:	Employee	w.		Gender:		*			
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list									Delete card	
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8. To assign the new authorization to the person, use the arrow buttons to move authorizations from the list **Available access authorizations** to the list **Assigned access authorization**.

			< ?	Divis	sion: Common	<b>•</b>			
« Main menu	Last name:	Breuer			First name:	om			Administere
Persons	Birth name:				Data of highly [				
Companies	Person class:	Employee	-		Gender:	· ·			
	Company:				Title:				
Print badges	Car license no.:								
Cards	Card no.:	00000000001			Reader				
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	Card no. Applica	the legal							
Blocking	<ul> <li>✓ 00000000001 Persona</li> </ul>	al card			never	Details			Change card
Blocking	✓ 00000000001 Person	al card			never	Details			Change card
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Blocking Blacklist Group of persons	Authorizations Other data   F	egaSys   SmartInteg	0   055-50   Alert c	ard Intrusion	never	Details			Change card
Blackling Blacklist Group of Group	Carlo Re.   Appind     O0000000001   Person     Authorizations   Other data   F     Access profile:	egaSys   SmartInteg	0   055-50   Alert c	ard Intrusion	never	Details	Keep authorizations	ussigned	Change card Delete card
Blacklist Group of J persons Group J authorizations	Carlo Rc.         Applied           00000000001         Person           Authorizations         Other data           Access profile:         Assigned access authorizatio	egaSys SmartInteg	0   055-50   Alert c	ard   Intrusion	never	Details - Available access authorizz	☐ Keep authorizations ations Filter: [	assigned	Change card Delete card
Blocking F Blacklist Group of J persons Group authorizations • Areas	Authorizations Other data F Access profile:	egaSys   SmartInteg	0 OSS-SO Alert o	ard Intrusion	never Vz	Details Available access authorizz Name	Keep authorizations Filter: MAC	ssigned	Change card Delete card 2 / 3 Division
Blackling Group of persons authorizations • Areas	Authorizations   other data       Authorizations   other data       Access profile: [     Assigned access authorizatio     Iteme     Reception	egaSys   SmartInteg	0 OSS-SO   Alert c	ard Intrusion	never Vz	Details     Available access authorizz     Name     Reception Entrance     Benention Evit	Keep authorizations Keep	Time model	2/ 3 Delete card
Blocking Blacklist Group of Jersons Group authorizations • Areas Change division	Authorizations   other data   F     Access profile:      Assigned access authorizatio     Name     Reception	egaSys   SmartInteg	0 OSS-SO   Alert c	ard Intrusion	never Vz	Details Available access authorizz Name Reception Entrance Reception Ext	Keep authorizations Keep	Time model	2 / 3 Division Common
Blocking Blacklist Group of persons Group authorizations Areas Change division PeoaSvs	Authorizations   other data   P     Access profile:      Assigned access authorizatio     Name     Reception	n MAC	0 OSS-S0   Alert c	ard Intrusion	Never Ve	Available access authorizz     Name     Reception Exit     Reception Exit	Keep authorizations     Filter:     MAC     MAC     MAC	Time model	2/ 3 Delete card Delete card Control Common
Blocking Blacklist Group of persons Group authorizations Areas Change division PegaSys Stoppage and	Authorizations Other data       Authorizations Other data       Access profile:      Access authorization     Reception	egaSys   SmartInteg n MAC MAC	0   OSS-SO   Alert c	ard Intrusion	never Ve	Available access autorizz Name Reception Extrance	Keep authorizations           atons         Filter:           MAC           MAC	Time model	2/ 3 Delete card Delete card Delete card Devision Common
Blocking Blacklist Group of persons Group authorizations Areas Change division PegaSys Stoppage card	Authorizations   other data       Authorizations   other data       Access profile: [     Assigned access authorizatio     Iteme     Reception	egaSys   SmartInteg	0 OSS-S0 Alert c	ard Intrusion	Never Ve	Available access authorizz Maria Beception Extrance Reception Ext	Keep authorizations ations Filter: MAC MAC MAC	Time model	2/ 3 Delete card Delete card Delete card Common Common

9. The card is now authorized for use at defined entrances.

Bosch Access Systems GmbH

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