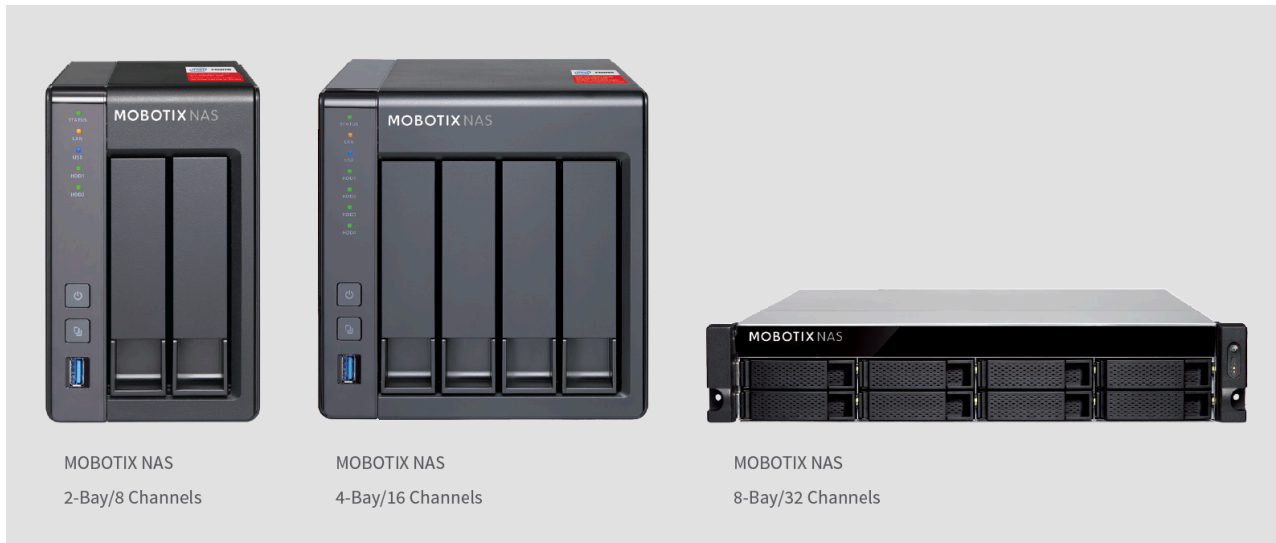


Quick Guide – MOBOTIX NAS & Device Finder

Basic Configuration & Maintenance for MOBOTIX NAS Systems



This document describes using Device Finder for the following MOBOTIX NAS models

Product Name	Item Number	Product Label
MOBOTIX NAS 2-Bay/8 Channels	Mx-S-NAS2a-8	251-G
MOBOTIX NAS 4-Bay/16 Channels	Mx-S-NAS4A-16	451-G
MOBOTIX NAS 8-Bay/32 Channels	Mx-S-NAS8A-32	873U-G

Operating system requirements for Device Finder

- Windows: 7, 8, 8.1 and 10
- Apple Mac: macOS High Sierra (10.13), macOS Sierra (10.12), OS X El Capitan (10.11), OS X Yosemite (10.10)

IMPORTANT: We recommend updating all system components to the latest software releases. Please download the latest releases of MxMC, MOBOTIX NAS, MOBOTIX MOVE, and MOBOTIX IoT cameras from the MOBOTIX website www.mobotix.com:

- Support > Download Center > Software Downloads

Video Tutorials are available from the MOBOTIX website www.mobotix.com:

- Support > Download Center > Documentation > Video Tutorials

The **MOBOTIX NAS HDD Compatibility List** is available from the MOBOTIX website www.mobotix.com:

- Support > Download Center > Documentation > White Lists

The **Device Finder** is an application for Apple and Windows computers that allows quick and easy configuration of all MOBOTIX NAS devices on a network. It also provides for easy updates of the NAS operating system (QTS).

Main Features

- Find devices in the same network.
- Access NAS web interface.
- Mount NAS shares in Windows Explorer or Mac Finder.
- Provide detailed status overview of all NAS devices.
- Configure NAS devices (server name, date & time, access privileges, and network settings).
- Update NAS firmware (operating system).

Finder Pro 2.6.0

Finder^{PRO} 🔍

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Login Network Drives Configuration Details Bookmark the device

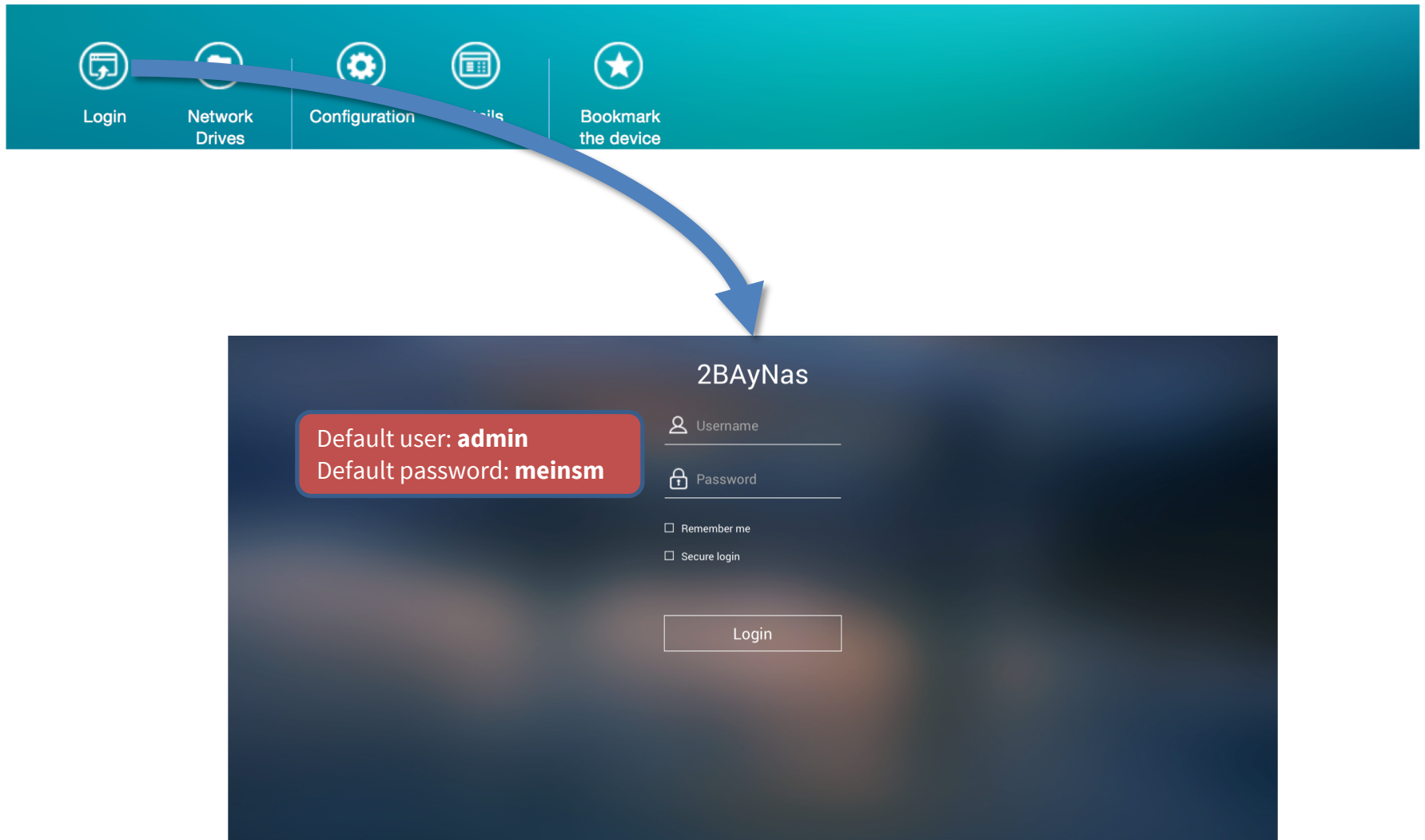
Bookmark	Name	IP Address	Type	Server Type	Version	MAC Address	Status
	2BAyNas	10.100.100.100		NAS-251+-G	4.3.4.0807mx	24-5E-BE-22-5A-D7	

NAS Name

NAS IP Address

NAS Model

Firmware release (QTS)



Device Finder – Mount Share (Apple)

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Login Administrator [2BAyNas]

Administrator Name : admin

Administrator Password :

Default user: **admin**
Default password: **meinsm**

OK

Mount Network Drives

Mount [2BAyNas]

Select IP Address 10.100.100.100

Select protocol SMB/CIFS

☐ Add mounted folders to "Favorites" in Finder

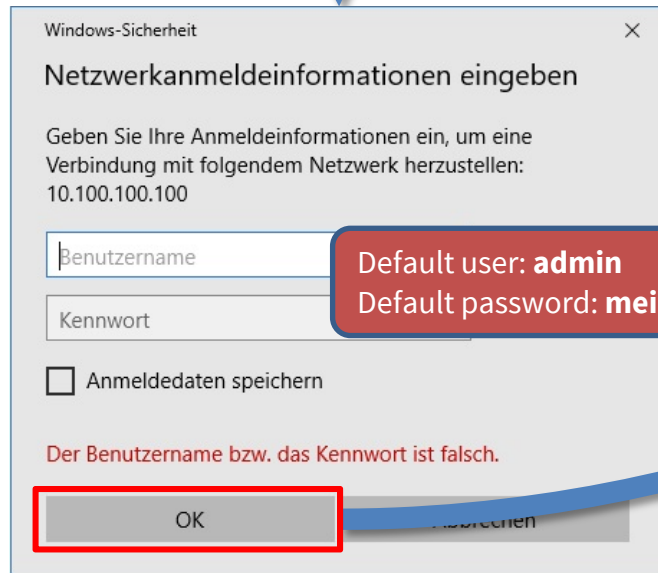
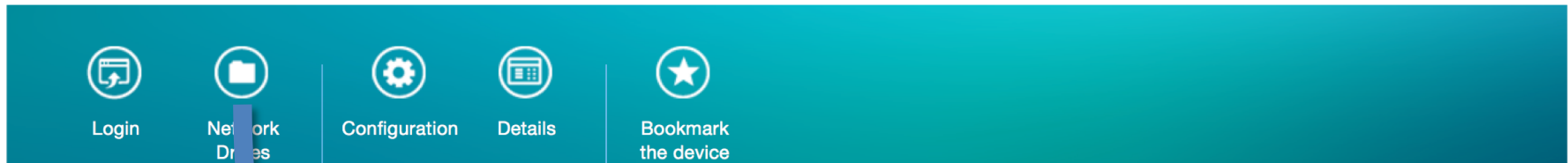
Cancel OK

Select the volumes you want to mount on "10.100.100.100":

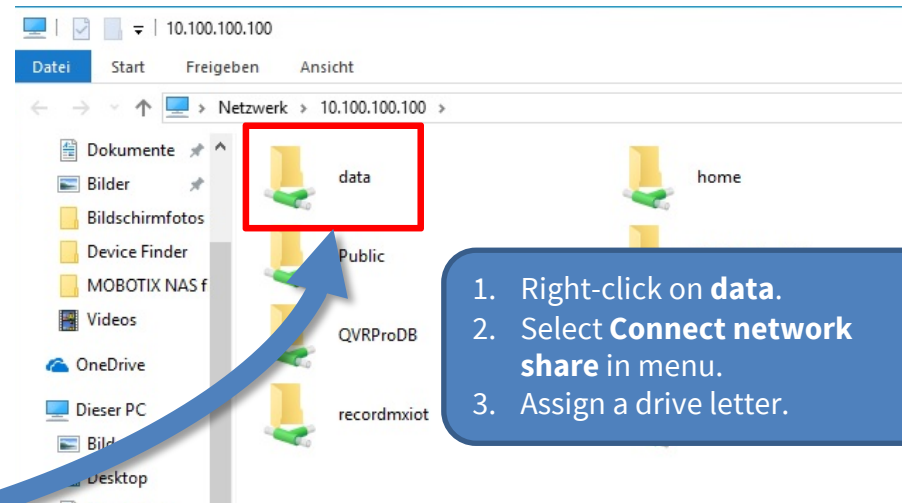
- data
- home
- homes
- Public
- QVRProAppData
- QVRProAutoSnap
- QVRProDB

Choose share, e.g., **data**

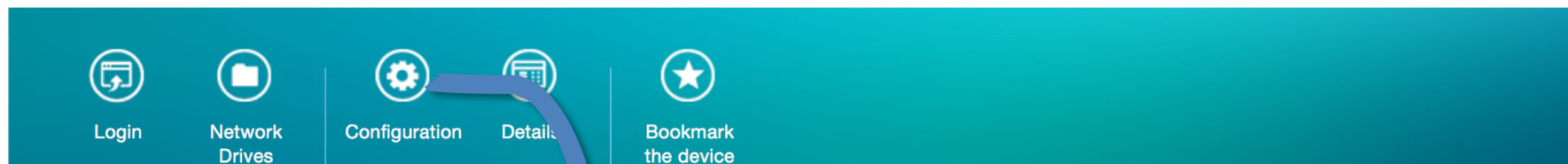
Cancel OK



Default user: **admin**
Default password: **meinsm**



1. Right-click on **data**.
2. Select **Connect network share** in menu.
3. Assign a drive letter.



2BAyNas Configuration

Server Name | **Date/Time** | Password | Codepage | Network Settings

Enter the date, time and time zone for this server.

Time Zone: (GMT+01:00) Amsterdam, Berlin, Bern, Rome, St... ▾

☒ Change the server's time and date:

Date: 2019-02-01

Time: 09:46:08

☐ Automatically synchronize with an internet time

Servers: 10.22.92.37

Tips

Enabling the internet time server will keep your server's time up to date while it is connected to the internet.

Cancel OK Apply

Automatic time synchronization is **highly recommended** for the **MOBOTIX NAS** and **all other components of the system**! This will prevent problems with playing back/exporting video.

Use NTP Server:

- Public NTP server (e.g., pool.ntp.org)
- MOBOTIX MX-GPS-Box (time signal from GPS satellites)



2BAyNas Configuration

Server Name | Date/Time | Password | Codepage | Network Settings

Change the administrator's password.

Password:

Verify Password:

☒ Use original password

Tips

If you select "Use original password", the administrator's password will not be changed.

Passwords are case-sensitive and must not exceed 64 characters. For better security, use a password that is over 6 characters long and uses a combination of letters and numbers.

Cancel OK Apply

Deactivate!

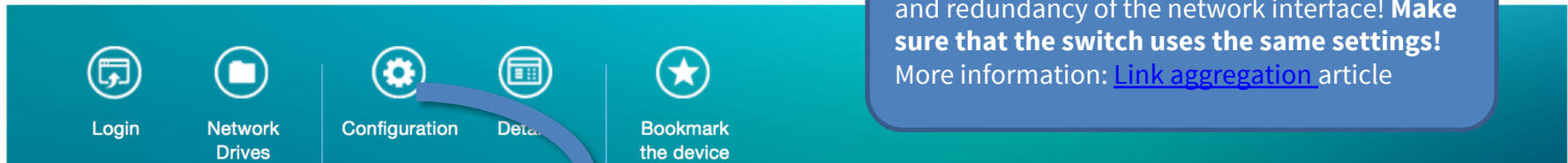
1. Enter new password.
2. Confirm new password.

NEVER use the default access privileges! Always make sure that you have changed the default passwords to strong passwords (numbers, lower/upper case letters, special characters)!

Device Finder – Basic Configuration (3)

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Use **Port Trunking** for improved performance and redundancy of the network interface! **Make sure that the switch uses the same settings!**
More information: [Link aggregation](#) article



2BAyNas Configuration

Server Name | Date/Time | Password | Code | **Network Settings**

Enter the IP address, subnet mask and default gateway for this server.

Configuration of Network Interfaces

Settings

Default Gateway: Ethernet 1

Ethernet 1 | Ethernet 2

☐ Automatically obtain IP address settings via DHCP

☒ Use static IP address

Fixed IP Address: 10.100.100.100

Subnet Mask: 255.0.0.0

Default Gateway: 10.0.0.254

☐ Automatically obtain DNS server address: ☒ Use the following DNS server address:

Primary DNS Server: 10.1.1.120 Secondary DNS Server: 0.0.0.0

Tips

When using a fixed IP address, you must enter the correct DNS server settings otherwise the NTP and alert email function may not work.

Cancel OK Apply

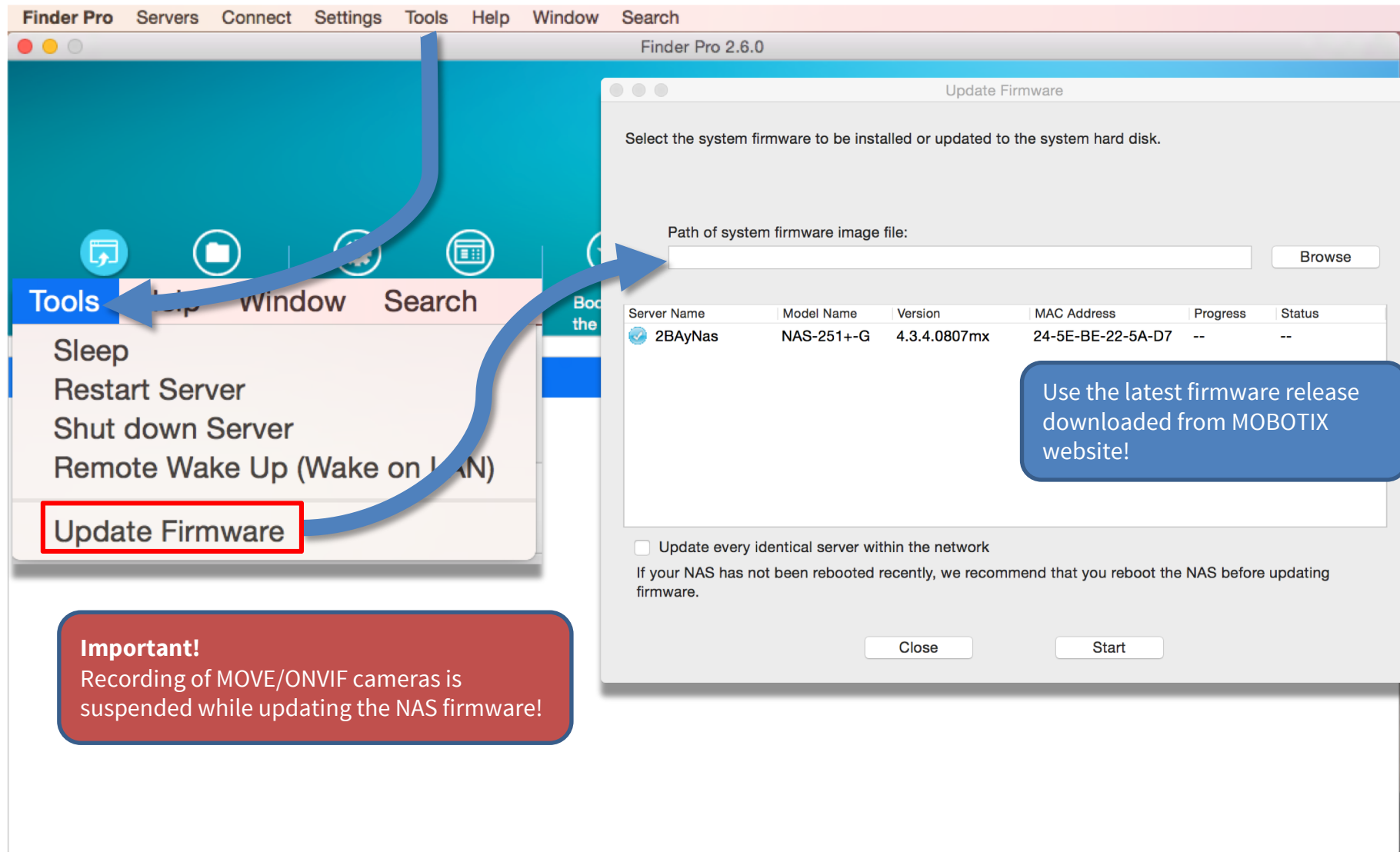
Configuration of Network Interfaces

Interface	Standalone	Trunking Group 1 Active Backup
Ethernet 1	☒	☐
Ethernet 2	☒	☐

Cancel OK

Trunking Group 1

- ✓ Active Backup
- Balance-tlb
- Balance-alb
- Balance-rr
- Balance XOR
- Broadcast
- IEEE 802.3ad dynamic



Finder Pro 2.6.0

Tools

- Sleep
- Restart Server
- Shut down Server
- Remote Wake Up (Wake on LAN)
- Update Firmware**

Update Firmware

Select the system firmware to be installed or updated to the system hard disk.

Path of system firmware image file:

Server Name	Model Name	Version	MAC Address	Progress	Status
2BAyNas	NAS-251+-G	4.3.4.0807mx	24-5E-BE-22-5A-D7	--	--

☐ Update every identical server within the network

If your NAS has not been rebooted recently, we recommend that you reboot the NAS before updating firmware.

Use the latest firmware release downloaded from MOBOTIX website!

Important!
Recording of MOVE/ONVIF cameras is suspended while updating the NAS firmware!

The image shows the Finder Pro application window and an open SMTP Server Settings dialog box. The Finder Pro window has a menu bar with 'Finder Pro', 'Servers', 'Connect', 'Settings', 'Tools', 'Help', 'Window', and 'Search'. Below the menu bar is a toolbar with icons for 'Login', 'Network Drives', 'Configuration', 'Details', and 'Bookmark the device'. A table below the toolbar shows a bookmark named '2BAyM...' with IP address '10.100.100.100'. A blue arrow points from the 'Settings' menu item to a dropdown menu that includes 'Server Configuration' and 'SMTP Settings' (which is highlighted with a red box). Another blue arrow points from the 'SMTP Settings' option to the SMTP Server Settings dialog box.

The SMTP Server Settings dialog box is titled 'SMTP Server Settings' and contains the following fields and options:

- Select an email account:** Custom (dropdown)
- SMTP server:** mail (text field)
- Port number:** 0 (text field)
- Email:** (text field)
- Username:** (text field)
- Password:** (text field)
- Secure connection:** None (dropdown)
- Alert Notification**
 - When the following system events occur:
 - ☐ Warning
 - ☐ Error
 - Send a notification to
 - E-mail address 1: (text field)
 - E-mail address 2: (text field)
 - Send a test E-mail (button)

At the bottom of the dialog box are 'OK' and 'Cancel' buttons.

The screenshot shows the 'Finder Pro' application menu and the 'Preferences' window. The 'Finder Pro' menu is open, showing options like 'Preferences...', 'Services', 'Hide Finder Pro', 'Hide Others', 'Show All', and 'Quit Finder Pro'. The 'Preferences' window is open to the 'General' tab. A red box highlights the 'Start Finder Pro on system startup' checkbox, which is currently unchecked. A blue callout box with an arrow pointing to this checkbox contains the text: 'Disable automatic Device Finder launch upon system start, if so desired.' Other settings in the 'General' tab include 'Search Time' set to '10 seconds', 'Action of double click on an online device' set to 'Open in Web Browser', 'Action of double click on an offline device' set to 'Open in Web Browser', and 'Remind me if unconfigured devices are found' set to 'Always ask me'.

Finder Pro Servers

- Preferences...
- Services
- Hide Finder Pro
- Hide Others
- Show All
- Quit Finder Pro

Preferences

General Thunderbolt USB QuickAccess

☐ Start Finder Pro on system startup

Search Time: 10 seconds

Action of double click on an online device: Open in Web Browser

Action of double click on an offline device: Open in Web Browser

Remind me if unconfigured devices are found: Always ask me

Disable automatic Device Finder launch upon system start, if so desired.

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