EXOR WEB HMI

Quick Start Guide

Edition 1.0

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1. Initial setup

Quick start guide for the EXOR HMIs: power-on, login, network discovery, web browser configuration, and loading the configured webpage on startup.

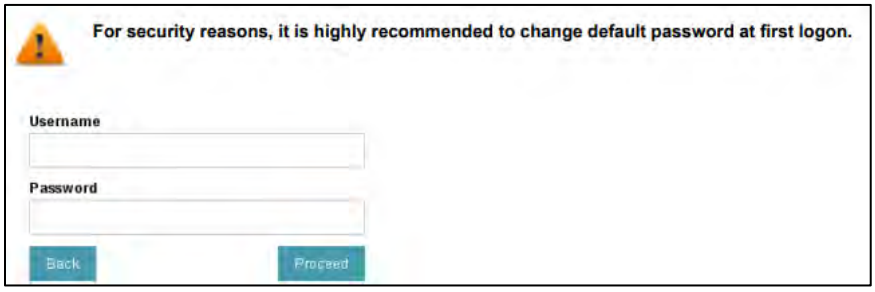
1.1 Power on the HMI

1. Supply **24V DC** power to the EXOR HMI.
2. Connect an **Ethernet cable** to **eth0** on the HMI.
3. Wait for the device to boot up.

> **NOTE**: The following steps can be completed directly on the EXOR HMI or through a browser on a connected PC. Using an external browser is recommended for easier navigation.

2. Login

On first startup the browser shows the System Settings page. Login is required to access System Settings. Username and password are the same as for the HMI device and can be changed from System Settings. A password change is prompted on first login for security purposes.

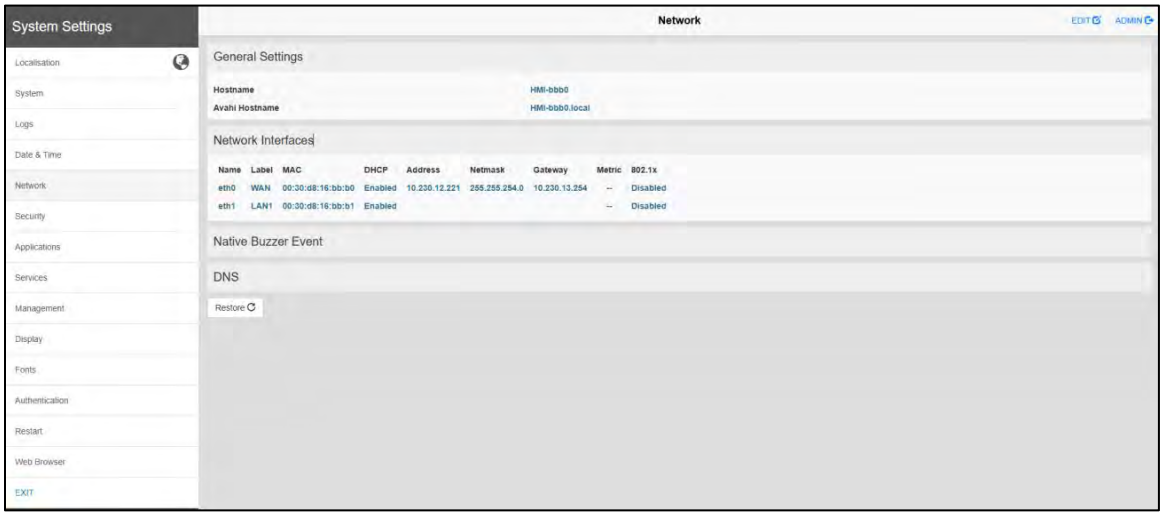


3. Remote access

After logging in, find the HMI IP address so the device can be reached from a PC browser on the same network.

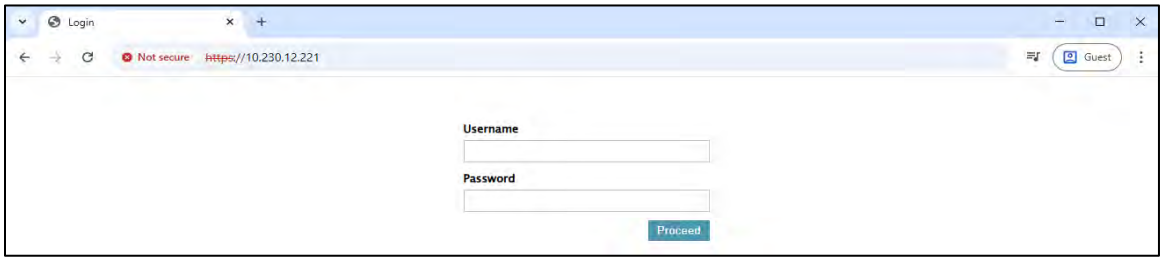
3.1 Find the IP address

1. Navigate to the **Network** tab.
2. Expand **Network Interfaces** to view connection details.
3. Note the **IP address** of the device. This is used for remote browser access.



3.2 Connect from a PC

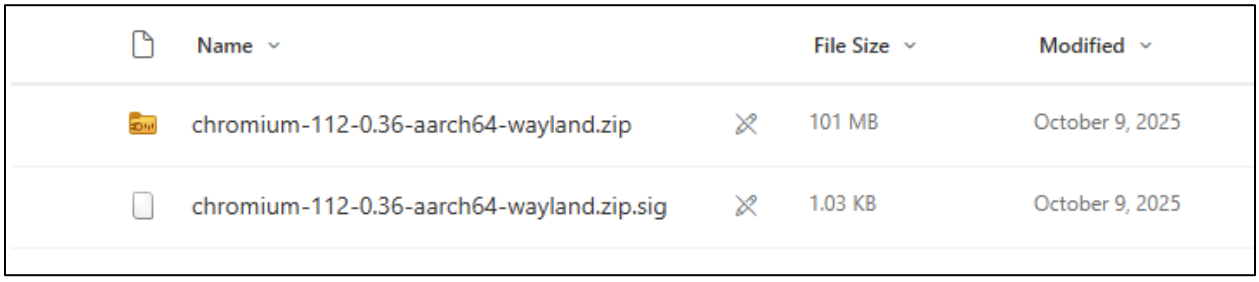
1. On the PC, open a browser.
2. Enter the HMI's IP address in the address bar.
3. Confirm the PC and the HMI are on the **same subnet**.
4. The HMI interface should now load in the browser.



4. Install Chromium

1. Download the EXOR Chromium install from the support site – Chromium Install | EXOR https://support.deltacontrols.com/Peripherals/exor

2. Download the Chromium folder to your local storage.
3. Once downloaded, extract the folder so that it has the structure, as pictured below.

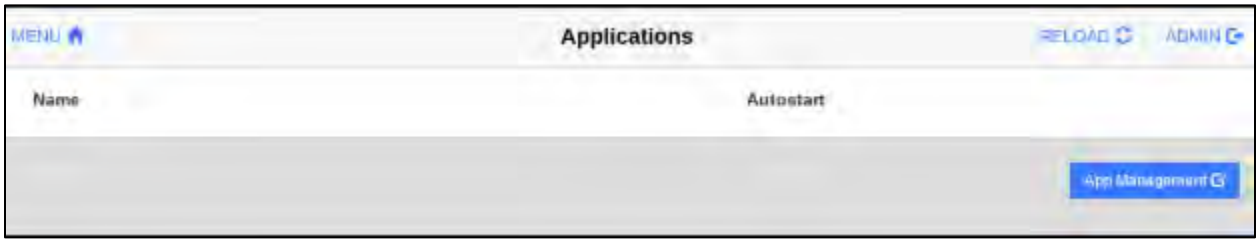


4. Chromium can be installed on the EXOR HMI using one of two methods:

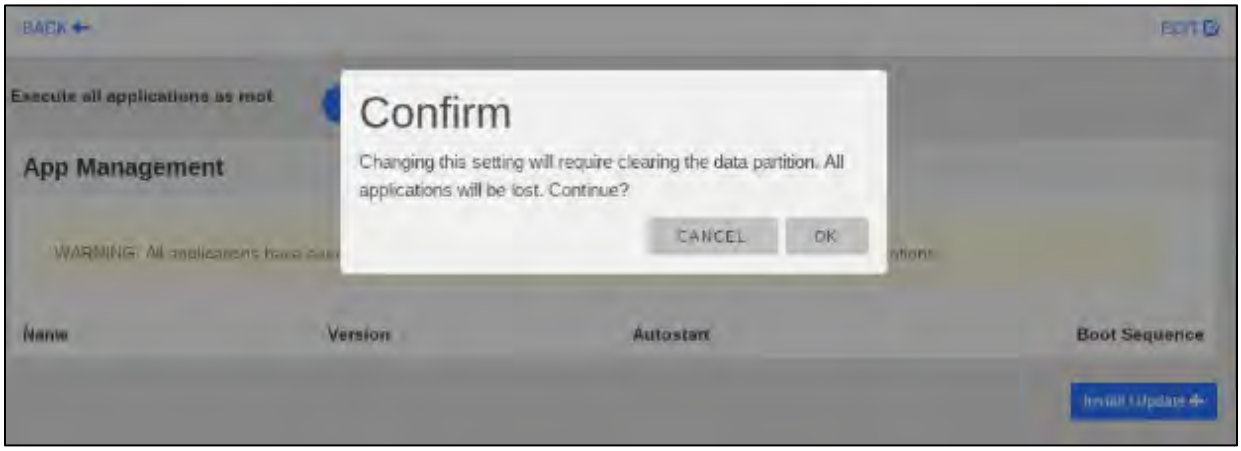
- **USB Installation:** Copy the Delta Chromium package to a USB drive, insert the drive into the EXOR HMI, and follow the on-screen prompts to install Chromium.

- **Remote Installation:** Connect to the EXOR HMI remotely as described in Section 3, “Remote access”, then browse and select the extracted Chromium package stored on your computer to begin the installation.

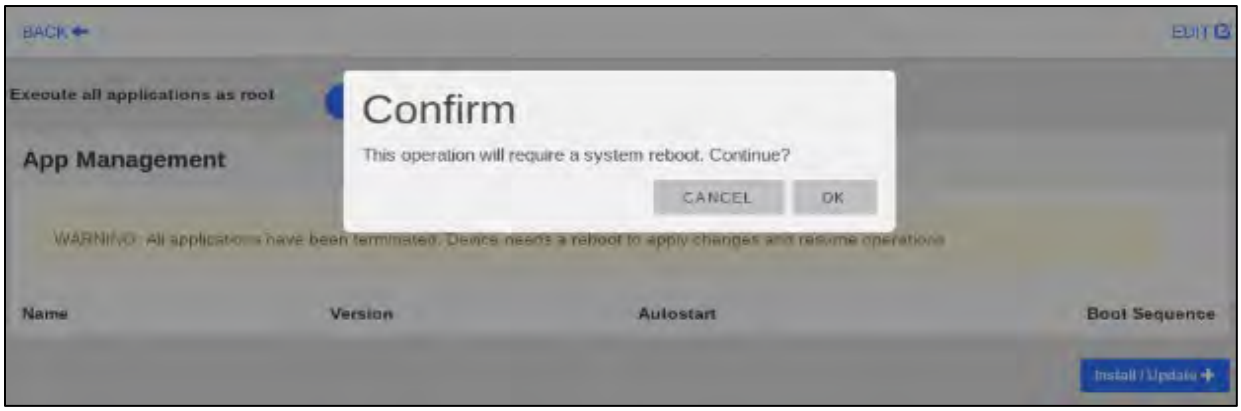
5. Power on the HMI and log into settings.
6. Select Applications from the System settings menu.
7. Select App Management -> Enable execute all applications as root.



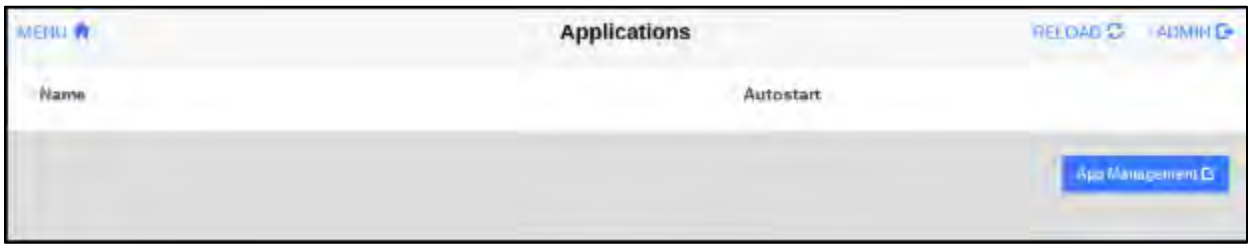
8. A pop-up will ask to clear the data on the panel. Select **OK**.



9. Press OK again to reboot.

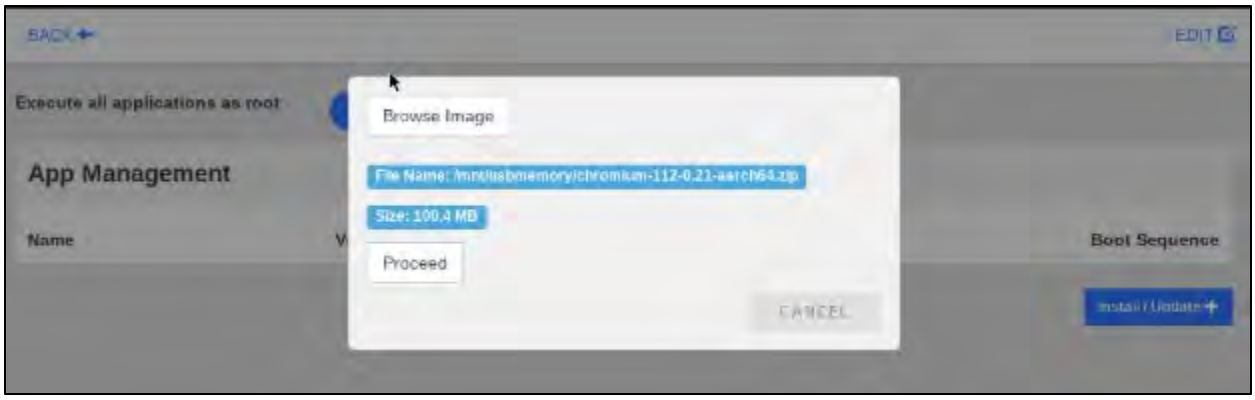


10. Once the reboot has completed, navigate back to the **Applications** tab.
11. Select App Management.



12. Select **Install/Update** → Browse Image.

13. Navigate to the extracted folder and select “chromium-112-0.36-aarch64-wayland.zip”



14. Select **Proceed**.
15. The system finishes installing and reboots.

5. Web browser configuration

Configure the HMI to automatically display a chosen webpage on startup.

5.1 Set the homepage

1. Scroll to the **Web Browser** tab near the bottom of the System Settings menu.
2. Click **Edit** at the top-right corner to enable editing.
3. Under **On Startup**, select **Open Homepage**. The Homepage URL field appears.
4. Enter the **target URL** (the webpage the HMI will display).
5. Enable **Allow links to load on a new tab**. (Required)
6. Enable **Enable history navigation gesture** (recommended, not required).
7. Click **Save** at the top of the screen to apply.

The HMI will now load the specified webpage automatically on startup.

6. Load the configured webpage

After completing the configuration, the graphics can be loaded remotely or directly on the EXOR HMI screen.

6.1 Remotely (via restart)

1. Navigate to the **Restart** tab in System Settings.
2. Click **Main OS**.
3. Confirm by selecting **OK**. The system restarts and loads the configured graphics on startup.

6.2 Directly on the EXOR HMI

If on the Settings page, click **Admin** at the top-right corner.

If logged out of the Settings page, click **Load Homepage** at the top-right corner to launch the configured webpage.

6.3 Returning to System Settings

System Settings can be recalled using the settings button in the address bar if the toolbar is enabled.

If the toolbar is hidden, press and hold the top-left edge of the display for a few seconds to recall System Settings.

7. Web browser options reference

Reference for each property on the Web Browser settings page.

Property	Description
On Startup	Defines what the device displays when started.
Homepage	URL of the home page to load.
Alternative homepage	URL of an alternative home page (see Section 7.1).
Fallback page	Secondary home page that loads when the primary fails. URL must include the protocol.
Enable toolbar	Show or hide the toolbar.
Allow downloading files	Enable or disable file downloads. Files are stored in /mnt/data/storage/chromium/home/Downloads.
Enable history navigation gesture	The swipe gesture can be used to move back and forth between pages.
Options press-and-hold time (s)	How long to press the top-left edge to view the toolbar.
Allow Tabs to load on new page	Opens links in a new tab.
Certificates	Open the web browser certificates manager. Available only on local settings.
Certificate preferences	Clear all whitelisted sites. Can also be done in Chromium from the toolbar.
Use system virtual keyboard	When disabled, the system virtual keyboard is not shown. Keys can be entered from a physical keyboard or from virtual keyboards defined on the active web page.
Enable form autofill	If enabled, previously entered data is suggested when entering data.

Property	Description
Enable password management	When enabled, the browser will ask to save entered passwords and offer them on subsequent logins. Takes effect after the next panel restart.
Change UserAgent	Overrides the default browser user agent.

7.1 Alternative homepage behavior

If Alternative homepage is enabled and a URL is specified, the browser behaves as follows.

7.1.1 Startup

1. The browser makes 4 attempts to load the main homepage.
2. If all 4 attempts fail, the browser makes 4 attempts to load the alternative homepage.
3. If all attempts fail, the fallback page (if enabled) or the options page loads.

7.1.2 Runtime monitoring

1. When pointing to the homepage or alternative homepage domain, a HEAD request is sent every 20 seconds to the full URL specified in the settings.
2. If a HEAD request fails, two more attempts are made 5 seconds apart.
3. If 3 consecutive HEAD requests fail, the browser tries to load the other homepage.
4. If 4 attempts to load the page fail, the options page loads. If the page loads, monitoring resumes on the new URL.

8. Graphics optimization

Follow our Best Practices KBA for optimizing graphics to have the best experience with the EXOR HMIs. With the incoming embedded eSKETCH release a detailed deployment guide will be available for further refinement of drawings on the platform.

Graphics Best Practices KBA

https://support.deltacontrols.com/support/kbase/kba3459/

Document Revision History

Edition	Date Published	Author	Change Description
1.0	July 2026	Application Engineering	First release for EXOR HMI Web quick start.