

STANDARD OPERATING PROCEDURE

m-PIMA Analyzer Setup

FTP-only result transmission to Analyzer Interface

Prepared for	System
Laboratory operators and IT support	Analyzer Interface v1.0.89

1. Prerequisites

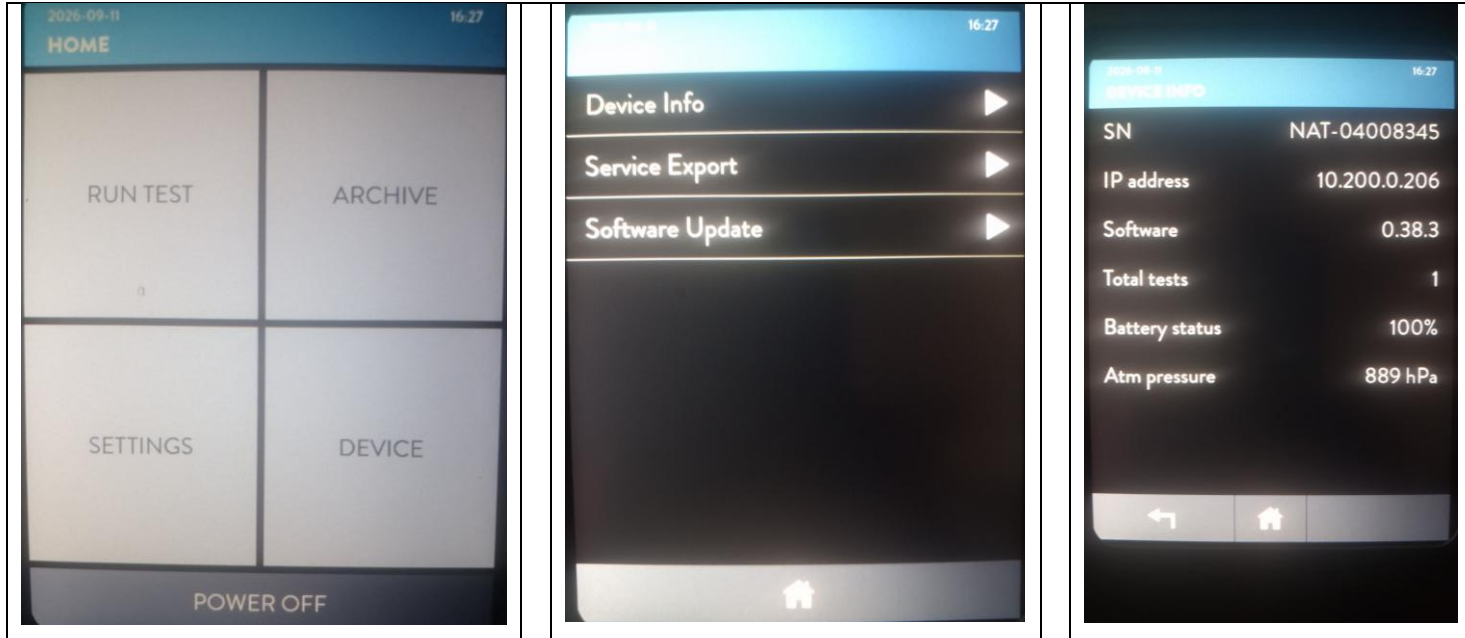
- Analyzer Interface v1.0.89 or later installer.
- Windows administrator rights for installation and service setup.
- m-PIMA device model and serial number.
- m-PIMA and computer connected to the same LAN and able to reach each other.
- A stable computer IPv4 address; use a DHCP reservation or static address where possible.
- Windows firewall/network rules permitting TCP port 21 and passive FTP TCP ports 50000-50100.
- A USB drive or approved transfer method for importing the generated XML into the m-PIMA, if required by the device workflow.

Important: If the computer IP address changes after the XML is imported, the m-PIMA will continue sending to the old address. Generate and import a new connection file after any IP-address change.

2. Procedure

2.1 Install and start Analyzer Interface

1. Ensure the m-Pima Abbott analyzer is on the hospital network.



2. Ensure it has an IP Address.

3. Import Settings in Analyzer

On the analyzer:

In The Analyzer insert the Flash disk with the generated connection File (m-PIMA_CONNECT.xml)

Click Settings -> Advanced Settings -> Connectivity -> Import Settings

4. Import Settings in Analyzer

Go to <http://10.200.254.234:7171/analyzer-interface>

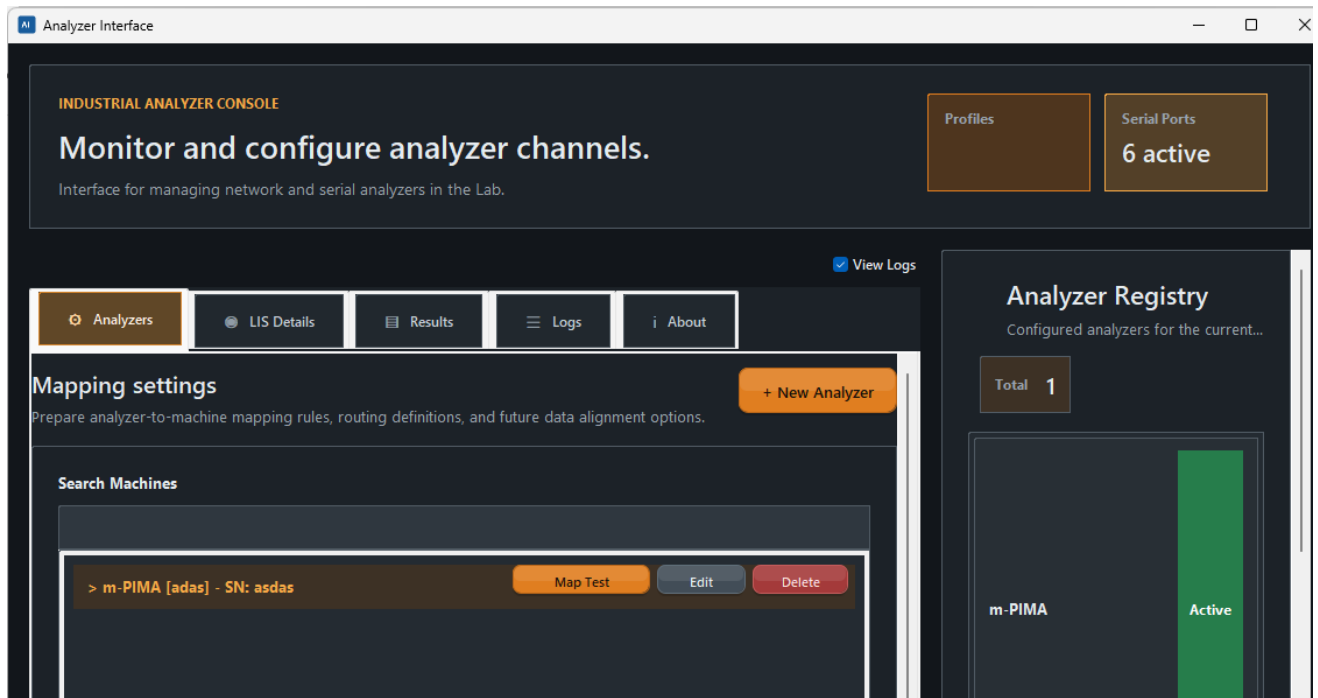
Download the latest version of the Analyzer Interface.

Ensure the computer where the Analyzer Interface is installed has a static PC.

1. Install as administrator. Right-click the Analyzer Interface installer and select Run as administrator. Complete the installation.

5 Create the m-PIMA analyzer and connection file

1. Open analyzer creation. Start Analyzer Interface and select + New Analyzer.



2. **Select the analyzer.** Choose m-PIMA. Enter the device model and Device Serial exactly as shown on the analyzer label.
3. **Create.** Select Create Analyzer and confirm the operation.
4. **Review the XML.** Analyzer Interface displays the m-PIMA connection-file preview. Confirm the FTP host is the computer LAN IPv4 address and proxy enabled is False.
5. **Save the file.** Select OK, choose an approved destination, and save m-PIMA_CONNECT.xml. Analyzer Interface also keeps its runtime copy.
6. **Complete analyzer creation.** The analyzer record is created only after the connection file is saved successfully. Cancelling the XML preview or save cancels analyzer creation.

6. Import the connection file into m-PIMA

1. **Transfer the XML.** Place m-PIMA_CONNECT.xml on media or in the import location supported by the m-PIMA.
2. **Open connectivity settings.** On the m-PIMA, open the administrator or connectivity configuration area according to the device operator manual.
3. **Import.** Select the connection-file import function and choose m-PIMA_CONNECT.xml.
4. **Apply and restart if requested.** Accept the imported settings. Restart the connectivity function or analyzer only when prompted by the device.
5. **Verify displayed settings.** Confirm proxy is disabled and the FTP host, user, password, and ALEREQ-EXPORT directory match Section 5.

6.5 Send and verify a test result

1. **Generate a controlled test.** Use an approved test or previously authorized result-export procedure. Avoid duplicating a patient result in the LIS.
2. **Send/export from m-PIMA.** Allow the analyzer's configured export workflow to transmit the file. Where the device firmware requires a manual Export action, perform it; Analyzer Interface cannot initiate an export that the device does not expose automatically.