

Upgrade guide for Lexium Cobot Controllers facing the Modbus issue

Issue identified on Lexium Cobot Controllers

The Modbus server does not respond on Lexium Cobot Controller (SV: 27.0) with Controller Firmware v2.7.0.73. As a result, any attempt by a user to establish a connection to the Modbus server is rejected.

Affected Lexium Cobot Controllers

- LXMRL00C2000
- LXMRL03C1000
- LXMRL07C1000
- LXMRL12C1000

Upgrade process

Step	Action
1	Download the upgrade package SE_MODBUS_FIX_LXMRLxxCx000_202605 from the Lexium Cobot page on the Schneider Electric website . NOTE: The original file names must remain unchanged.
2	Connect the Lexium Cobot .
3	Ensure that <ul style="list-style-type: none">- the Controller Firmware v2.7.0.73 is installed on the Lexium Cobot Controller.- the Lexium Cobot Arm is disabled and powered off.
4	In Settings > System Setting > Version Upgrade , click the Select Upgrade File box.
5	Select the upgrade package SE_MODBUS_FIX_LXMRLxxCx000_202605.tar.gz and click Confirm . Result: The upgrade package is selected.
6	Click the Select verification File box.
7	Select the signature file SE_MODBUS_FIX_LXMRLxxCx000_202605.tar.gz.sig of the upgrade package and click Confirm . Result: The signature file of upgrade package is selected.
8	Click Start Upgrade . Result: The upgrade package is being uploaded and processed.
9	Wait until the Lexium Cobot Controller is automatically power cycled.

10	<p>After the power cycle is completed connect the Lexium Cobot.</p> <p>Result: The upgrade package is processed.</p>
11	<p>Go to Home Screen > Top Menu > Log to verify the result of the upgrade process.</p> <p>Result: The Log information is displayed.</p>
12	<p>Verify the Log information.</p> <p>In case the upgrade package is successfully applied on the Lexium Cobot Controller the message “Patch installation successful.” is shown in the Log information.</p> <p>In case the upgrade package was already successfully applied on the Lexium Cobot Controller the message “Patch already installed.” is shown in the Log information.</p> <p>In case the Lexium Cobot Controller is not affected by this issue the message “Patch not applicable. Installation skipped.” is shown in the Log information.</p>