LANTRONIX

PRODUCT CHANGE NOTICE

Dear Valued Lantronix Customer,

This is to inform you that a change will be made to the following products.

Change Type

Software

Products Affected

Part Number	Description	Old Revision	New Revision
EMG851000S	EMG8500 EDGE MANAGEMENT GATEWAY, RS232 SERIAL 4-PORT	C12	D12
EMG851010S	EMG8500 EDGE MANAGEMENT GATEWAY, RS232 SERIAL 4-PORT, LTE CELLULAR	C12	D12
EMG851020S	EMG8500 EDGE MANAGEMENT GATEWAY, RS232 SERIAL 4-PORT, LTE APAC CELLULAR	C12	D12
EMG851100S	SKU, EDGE MANAGEMENT GATEWAY, RJ45 SERIAL 8-PORT (2 x 4 PORT FRU), EMG8500	A11	B11
EMG851110S	EMG8500 EDGE MANAGEMENT GATEWAY, RS232 SERIAL 8-PORT, LTE CELLULAR	C12	D12
EMG851120S	EMG8500 EDGE MANAGEMENT GATEWAY, RS232 SERIAL 8-PORT, LTE APAC CELLULAR	C12	D12
EMG851210S	EMG8500 EDGE MANAGEMENT GATEWAY, RS232 SERIAL 4-PORT, USB 4-PORT, LTE CELLULAR	C12	D12
EMG852000S	EMG8500 EDGE MANAGEMENT GATEWAY, USB 4-PORT	C12	D12
EMG852010S	EMG8500 EDGE MANAGEMENT GATEWAY, USB 4-PORT, LTE CELLULAR	C12	D12
EMG852020S	EMG8500 EDGE MANAGEMENT GATEWAY, USB 4-PORT, LTE APAC CELLULAR	C12	D12

Lantronix is pleased to announce the release of new and improved EMG8500 firmware 8.6.0.0R24.

Description and Extent of Change

- Port Forwarding / SSH Tunnel
  - A "connect forward" feature has been added to forward incoming Eth1 or Eth2 ports to another IP address and port.
  - This allows for tunneling connections through the EMG to another destination.
- Banner Length
  - The length of a banners has been increased from 1024 characters to 1350 characters.
- ConsoleFlow Cellular Modem Status

- If a cellular modem is installed, ConsoleFlow now provides the link state and IP address of the cellular modem.
- ConsoleFlow Configuration Editor
  - Support for a GUI based configuration editor of EMG configuration parameters is now supported in ConsoleFlow.
  - NOTE: the client in this firmware will only work with ConsoleFlow version 4.0 and later.
- Web Server HTTP Disabled; HSTS Security added to Web Server
  - Previously the web server listened on port 80 for HTTP requests and forwarded all requests to HTTPS / port 443. Port 80 has been disabled.
  - The "Strict-Transport-Security" HSTS HTTP header has been implemented in the web server.
  - The duration is for 2 years, with preload enabled.
  - For more information, see RFC 6797 and https://hstspreload.org.

Reason for Change
New features and expanded capabilities

For EMG8500 customers that would like to take advantage of the above new capabilities, the firmware and associated release notes are now available for download from our website:
https://www.lantronix.com/products/lantronix-emg/#tab-docs-downloads

More information about EMG8500 Edge Management Gateway is available on our website:
https://www.lantronix.com/products/lantronix-emg/

Effect of Change on Fit, Form, or Function
Functional changes only as noted above.

Effective Date of Change
This change will go into effect for the listed products built from May 06, 2021 onwards.

If you have any questions, please contact your sales representative or Lantronix Technical Support at (800) 422-7044 or (949) 453-7198.