



Sierra Wireless Technical Bulletin: Malware Threat

Products: AirLink® Gateways running ALEOS 4.5.2 or older

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The Sierra Wireless security team has discovered a new malware threat targeting gateways running ALEOS 4.5.2 or older that are directly reachable from the public internet and not on a private network. We take such threats seriously and are actively working with law enforcement, network operators and affected customers to conclusively determine the source of the malware and assist in remediation of affected gateways.

To date, we have only received reports of LS300, GX400 and GX440 gateways being affected. However, we advise all customers running ALEOS 4.5.2 or older on any devices to immediately follow the recommended actions below.

Furthermore, in some deployments compromised gateways will no longer be able to boot and will display a solid green power LED. Customers observing this behavior are advised to contact their authorized AirLink reseller and/or their Sierra Wireless sales or technical representative for assistance. Alternatively, customers can contact Sierra Wireless technical support at <https://www.sierrawireless.com/company/contact-us/>

Recommended Actions

To reduce your exposure to online security threats, Sierra Wireless recommends that all customers immediately perform the following three actions:

1. Ensure that strong, unique passwords are used for both the user and viewer accounts on the gateway:
 - a. In ACEmanager or ALMS, navigate to **Admin > Change Password**
 - b. Set a strong, unique password for both the **user** and **viewer** accounts.



2. Disable remote access to ACEmanager if it is not required:
 - a. In ACEmanager or ALMS, navigate to **Services > ACEmanager**
 - b. Set **ACEmanager Access – OTA** to **OFF**
3. Ensure you are running to most recent available firmware for your gateway. The following table details the most current firmware for all AirLink® Products:

Product	Most recent firmware version
LS300	4.4.4.p05
GX400	4.4.4.p05
GX/ES440	4.4.4.p05
GX/ES450	4.8.1
RV50	4.8.1
MP70	4.8.1

Configuration changes and firmware updates can be performed on individual gateways using ACEmanager or on multiple gateways at the same time using AirLink Management Service (ALMS). ALMS is free for customers with up to 15 gateways. For more information please visit <http://airvantage.net>.

Further Information

For further information and technical support, please contact your authorized AirLink reseller or Sierra Wireless representative. To contact Sierra Wireless, please visit <https://www.sierrawireless.com/company/contact-us/>