



## Lantronix Security Advisory

December 15<sup>th</sup> 2017

Dear Valued Customer

For more than 27 years, Lantronix has been a leader in providing secure and robust connectivity solutions for millions of devices worldwide. We take the issue of security very seriously, which is why we are providing you this letter today.

The recent news related to KRACK vulnerabilities for Wi-Fi products have brought additional focus on security for IoT devices. Not only do they highlight the need for staying up-to-date with the latest firmware and software releases, but also to adopt a secure by design methodology throughout the product lifecycle.

While it may be impossible to achieve 100% protection against all possible threats, there are several established best practices that can neutralize the threat vectors and reduce the possibility of unauthorized access to these devices. Whether you are using one of our Serial-to-Wi-Fi or Serial-to-Ethernet Device Servers or other products, we strongly recommend that you follow best practices for enhancing the security of your Lantronix connected machines as they are deployed in the field, which includes:

1. Always enabling password protection where offered and changing any default passwords
2. Always using the strongest passwords possible  
In the case of Lantronix products based on the CoBos operating system, this means using the 16-byte enhanced password only.
3. Shutting down any unused services/ports
4. Placing the products behind a firewall whenever possible
5. Using data encryption where possible
6. Keeping your products up-to-date with to the latest firmware to capture the latest updates and security patches
7. Paying attention to end-of-life (EOL) notices that may affect your products as they could affect software patches including those related to security updates.

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Instructions for the proper installation and maintenance of Lantronix solutions can be found in our product user guides, website or by contacting our technical support team. We believe that the best approach to ensuring the security of any device is following recommended installation guidelines and regularly updating firmware.

To quickly determine if you are using the most up-to-date firmware in your devices, please visit [https://www.lantronix.com/support/latest\\_release\\_by\\_product.html](https://www.lantronix.com/support/latest_release_by_product.html)

Should you have any questions, please feel free to contact our tech support at 800-422-7044 (US) or 949-453-7198.