COPELAND

Marketing

Release Notes

Version 1.16.1 • October 2026

IMPORTANT NOTICE – API v.1 DEPRECATION

Starting from XWEB PRO versions released after July 2027, API v.1 will no longer be supported. API v.2 is already available across the entire XWEB PRO platform and offers improved security.
Users and integrators are strongly encouraged to migrate to API v.2 before that date.

Note

Please note that starting with version 1.15, the following passwords will no longer be accepted:

- Passwords that contain the username, hostname, system name, or “xweb”
- Passwords made up of a single repeated character (e.g., aaa)
- Passwords with more than four identical characters in a row (e.g., qh**ddddd**mx)

Users with accounts that fall into this category will be asked to update their password upon first login after updating XWEB to version 1.15. or higher

Release Notes FW version 1.16.1 for XWEB PRO series

Improvements

- Xeco2 and Compressor Guard logs now show whether each command was accepted or refused by the device, including the reason for failure, giving operators clearer visibility into automation behavior
- Overall system responsiveness of automation functions has been improved
- Backup restore now detects incompatible backups earlier, preventing failed restore attempts
- Translations updated across all supported languages: missing texts added, Ukrainian completed, and typos corrected

Bug Fixes

- Resolved random crashes in the data acquisition service
- Fixed a memory leak that could cause unexpected system resets
- Fixed incorrect out-of-range warnings for valid device parameter values
- Removed a false model mismatch error shown on the diagnostic page
- Several fixes to reports and statistics: HACCP error reporting, timestamp alignment on daylight saving change days, export ordering, and performance statistics display
- Point values are no longer returned from cache when data acquisition is off
- Automatic backup with no sections selected is now correctly rejected
- Fixed an issue causing e-mail notifications to stall on some network configurations
- Fixed API requests authenticated with Bearer tokens returning empty errors

Security

- Strengthened user authentication and account protection
- Stricter access controls based on user roles
- Improved validation of system configurations
- Safer handling of files, packages, and backups

Updates to XWEB PRO from version 1.3.0 and earlier

Manual update (using the *USB* and *Load* buttons) to version 1.16.1 is exclusively applicable to XWEB PRO version 1.3.0 and later. To manually update from versions prior to or equal to 1.2.1, it is necessary to first update XWEB PRO to version 1.3.0 and then to 1.16.1. In the event of an update via the internet (using the *Network* button), the procedure does not require any intermediate steps from the currently installed version to version 1.16.1

Recommendation

At Copeland, we prioritize the security and safety of our customers and their systems. To secure your device, we recommend regularly updating your system to the latest version to benefit from vulnerability fixes.
We want to emphasize the importance of implementing security best practices when using our devices to protect against potential security threats.
This version introduces improvements against potential security threats that may arise when XWEB is exposed to the internet. However, please adhere to all instructions and specifications included with the device manual, and follow security best practices, including but not limited to the following:

- Never exposing XWEB to the broader internet
- Configuring your firewall to restrict access to administrative protocols, like SSH
- Configuring your network to restrict inbound and outbound communications to and from the control system
- Ensuring default account passwords are updated and all passwords align with industry best practices
- Configuring and enabling HTTPS for web-based traffic but not exposing the controller's web interface to the broader internet