

Unitronics Cybersecurity Advisory 2024-001: Improper Authentication

Publication Date:	MARCH 18 th 2024
Update Date:	MARCH 4 th 2024
Version:	1.0
CVE	CVE-2024-27767

Summary

An attacker can bypass the UniSteam™ authentication mechanism.

Appearance

Component	Product	Affected product version
UniStream	All Products	UniLogic < 1.35.227

Description

An attacker can bypass the UniStream™ authentication over the Ethernet network.

Mitigation

1. **Update to UniLogic version 1.35.227 or later.**
2. Verify that PLCs are not directly accessible from the Internet. Only allow access through specifically defined addresses or use VPN or ZTNA to access the devices.
3. Apply long complex passwords to devices. Change the default installed password.
4. Subscribe to UniCloud providing 2FA to allow access to devices, particularly for admin access.
5. Regularly check and update devices with the latest security updates.

Solution

Please update UniLogic to the latest version from the following [link](#).

References

- I. <https://www.cisa.gov/sites/default/files/2023-12/aa23-335a-irgc-affiliated-cyber-actors-exploit-plcs-in-multiple-sectors-1.pdf>
- II. https://downloads.unitronicsplc.com/Sites/plc/Unilogic/UniLogic_1.35.227_January_2024.pdf
- III. https://www.unitronicsplc.com/cyber_security_unistream/
- IV. <https://downloads.unitronicsplc.com/Sites/plc/support-tools-and-applications/Cyber-security-UniStream.pdf>

Version History

Version	Date	Comments
1.0	MARCH 4th 2024	Publication