



Scan2x Security Advisory

ID: S2X-SA-2025-001

Date: May 15, 2025

Executive Summary

Critical security vulnerabilities have been identified in a third-party Scan2x bundled dependency (Erlang/OTP). Successful exploitation could allow remote code execution, denial of service, or unauthorised data access. All customers must upgrade to Scan2x v3.0.2.1 immediately.

Affected Versions

- Scan2x v3.0.0 through v3.0.2.1
- Bundled components:
 - Erlang/OTP 27.1 (`otp_win64_27.1.exe`)

Vulnerability Details

Component	CVE-ID	Severity	Description
Erlang/OTP	CVE-2025-32433	Critical	SSH protocol RCE before authentication
	CVE-2025-46712	High	Weak key-exchange handshake

Impact

Exploitation of the identified Erlang/OTP vulnerabilities can lead to:

Remote Code Execution (CVE-2025-32433): Unauthenticated attackers may execute arbitrary code on the Scan2x host via the SSH server, resulting in system compromise.

Handshake Manipulation (CVE-2025-46712): A man-in-the-middle could inject or alter messages during the SSH key-exchange, leading to session hijacking, credential interception, or traffic tampering.

Recommended Action

For On-Premise implementations, and all Windows versions of Scan2x:

1. Download and install Scan2x v3.0.2.1, by clicking the Check for Updates button at bottom left of the Scan2x Windows admin console.
2. Reboot any Scan2x servers to complete the upgrade.
3. Verify in the “About” dialog that version reads 3.0.2.1

For Cloud versions

Our hosted Scan2x service is not affected by these vulnerabilities. No further action is required on your part—your environment is protected.

Workarounds

If you cannot upgrade immediately:

- Block port 22/TCP

Disclosure Timeline

Date	Description
16-04-2025	Vulnerability announced on NVD
09-05-2025	Avantech notified of potential exposure
15-05-2025	Clients with affected versions identified, v3.0.2.1 released for update
15-05-2025	Security advisory published

Contact & Support

If you have questions or need assistance, please contact Scan2x Support:

- Email: support@avantech.com.mt
- Phone: +356 21488800
- Support Portal: <https://tasks.avantech.com.mt/>

Revision History

15-05-2025: Initial publication