



REAL Matters advisories are published to communicate cybersecurity threats and risks within the Operational Technology (OT) environment and where Critical Infrastructure vulnerabilities are identified. The purpose of this newsletter is to inform, propose suggested approaches to mitigate the risk as well as provide feedback on how Mangan Cybersecurity is approaching the issue(s) addressed.

Advisory Information

At A Glance

Issue Date: August 9, 2023

Summary: Rockwell ThinManager/ThinServer Vulnerability

Systems Impacted: All OT/ICS Environments

Importance: High

Details

On July 20th, 2023, Rockwell Automation revealed a Path Traversal exploit in both their ThinManager and ThinServer software. This vulnerability (CVE-2023-2913) allows remote adversaries to perform directory traversal attacks with low attack complexity. The vulnerability is caused by an input validation error when processing directory traversal sequences and will allow a remote attacker to send specially designed HTTP requests to gain access to and read arbitrary files on the system. Attackers could potentially execute a path that contains manipulating variables.

Actions and/or Recommendations

- Determine if CVE-2023-2913 impacts your current systems.
 - *Ensure projects moving forward are managing this CVE.*
- Engage Mangan Cybersecurity for assistance with impacted systems.
- Update to the corrected Rockwell software versions: 13.0.3 and 13.1.1 or later.
- Develop a monitoring strategy to identify undesired access or activity on the OT/ICS Network.

Mangan Cybersecurity has well established templates and techniques to assist with the above suggestions expeditiously and effectively.

About Mangan Inc.

Mangan Inc. is a nationally-recognized Specialty Engineering, Automation, and Integration company, providing a full-range of services to the Oil & Gas, Refining, Pipeline, Chemicals, and Life Sciences Industries. Established in Long Beach, California in 1990, Mangan's multiple office locations include sites in California, Georgia, New Hampshire, North Carolina, Texas, and Louisiana. Mangan's 350+ employee-owners bring expertise, innovation, and safety as their core mission to some of the largest companies in the world.