

SECURITY BULLETIN AVEVA-2026-002

Title

PI Data Archive: Denial Of Service

Rating

High

Published By

AVEVA Product Security Response Center

Overview

AVEVA Group Limited on behalf of itself and its subsidiaries (“AVEVA”) is releasing a security update to address vulnerabilities impacting:

- PI Data Archive as delivered by PI Server 2023, 2023 Patch 1, and 2024
- PI Data Archive as delivered by PI Server 2018 SP3 Patch 7 and all prior versions

Vulnerability Technical Details

1. Denial of Service

The vulnerability, if exploited, could allow an unauthenticated miscreant to remotely crash core PI services resulting in denial of service.

CWE-248: Uncaught Exception

CVSSv4.0: **8.7 High** | AV:N/AC:L/AT:N/PR:N/UI:N/VC:N/VI:N/VA:H/SC:N/SI:N/SA:N

CVE-2026-1507

Recommendations

AVEVA recommends that organizations evaluate the impact of these vulnerabilities based on their operational environment, architecture, and product implementation. Customers using affected product versions should apply security updates to mitigate the risk of exploit.

Security Updates

- (Recommended) All impacted versions of PI Data Archive can be fixed by upgrading to PI Server 2024 R2 or higher:

<https://softwaresupportsp.aveva.com/en-US/downloads/products/details/8c9b0e8c-eb68-481f-b420-c87a253a4172>

- (Alternative) PI Data Archive delivered by PI Server 2018 SP3 Patch 7 and prior can be fixed by upgrading to PI Server 2018 SP3 Patch 8 or higher.

<https://softwaresupportsp.aveva.com/en-US/downloads/products/details/79492560-7e4c-4800-8bd7-40cce61a17d2>

Defensive Measures and General Considerations

The following general defensive measures are recommended:

- Monitor liveness of services listed in your installation's "\PI\adm\pisrvstart.bat".
- Set the PI Data Archive Subsystem services to automatically restart
- PI Data Archive nodes should limit port 5450 inbound access to trusted workstations, users, and software

For a list of PI System firewall port requirements, see knowledge base article [KB99574 – PI System Firewall Port Requirements](#).

For a starting point on PI System security best practices, see knowledge base article [KB105321 – Eight best practices for securing your PI Server](#).

Acknowledgements

AVEVA would like to thank:

- **CISA** for coordination of advisories and generation of CVEs

The issues in this alert were self-discovered and self-reported in accordance with OSIsoft's [Ethical Disclosure Policy](#) to inform administrators of potential risks, so that they can take actions to minimize the effects of the vulnerability.

Support

For information on how to reach AVEVA support for your product, please refer to this link: [AVEVA Customer Support](#).

If you discover errors or omissions in this Security Notification, please report the finding to Support.

AVEVA Security Central

For the latest AVEVA security information and security updates, please visit [AVEVA Security Central](#).

U.S. Department of Commerce Industrial Control Systems Security Guide

For general information regarding how to secure Industrial Control Systems please reference the NIST Guide to Operational Technology (OT) Security, [NIST SP800-82r3](#).

NVD Common Vulnerability Scoring System (CVSS v4.0)

The U.S. Department of Homeland Security has adopted the Common Vulnerability Scoring System (CVSS v4.0) that provides an open framework for communicating the characteristics and impacts of IT vulnerabilities. CVSS v4.0 produces a numerical score as well as a textual representation of that score reflecting the severity of a vulnerability. Scores range from 0.0 (no impact) to a maximum of 10.0 (critical impact with minimal effort to exploit). For additional information please refer to the [CVSS v4.0 specifications](#).

Coordination with Authorities

Organizations observing suspected malicious activity should follow established internal procedures and report findings to applicable authorities for tracking and correlation against other incidents.

Disclaimer

THE INFORMATION PROVIDED HEREIN IS PROVIDED "AS-IS" AND WITHOUT WARRANTY OF ANY KIND. AVEVA AND ITS AFFILIATES, PARENT AND SUBSIDIARIES DISCLAIM ALL WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. NO ORAL OR WRITTEN INFORMATION OR ADVICE GIVEN BY AVEVA, ITS DEALERS, DISTRIBUTORS, AGENTS OR EMPLOYEES WILL CREATE A WARRANTY AND CUSTOMER MAY NOT RELY ON ANY SUCH INFORMATION OR ADVICE.

AVEVA DOES NOT WARRANT THAT THE SOFTWARE WILL MEET CUSTOMER'S REQUIREMENTS, THAT THE SOFTWARE WILL OPERATE IN COMBINATIONS OTHER THAN AS SPECIFIED IN AVEVA DOCUMENTATION OR THAT THE OPERATION OF THE SOFTWARE WILL BE UNINTERRUPTED OR ERROR-FREE.

IN NO EVENT WILL AVEVA OR ITS SUPPLIERS, DEALERS, DISTRIBUTORS, AGENTS OR EMPLOYEES BE LIABLE FOR ANY INDIRECT, INCIDENTAL, SPECIAL, PUNITIVE OR CONSEQUENTIAL DAMAGES, OR DAMAGES FOR LOSS OF PROFITS, REVENUE, DATA OR USE, INCURRED BY CUSTOMER OR ANY THIRD PARTY, WHETHER IN AN ACTION IN CONTRACT OR TORT, EVEN IF AVEVA HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. AVEVA LIABILITY FOR DAMAGES AND EXPENSES HEREUNDER OR RELATING HERETO (WHETHER IN AN ACTION IN CONTRACT, TORT OR OTHERWISE) WILL IN NO EVENT EXCEED THE AMOUNT OF ONE HUNDRED DOLLARS (\$100 USD).