B&R

CYBER SECURITY ADVISORY

PVI
Insertion of Sensitive Information into Logfile
CVE ID: CVE-2026-0936

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Purpose

B&R has a rigorous internal cyber security continuous improvement process which involves regular testing with industry leading tools and periodic assessments to identify potential product issues. Occasionally an issue is determined to be a design or coding flaw with implications that may impact product cyber security.

When a potential product vulnerability is identified or reported, B&R immediately initiates our vulnerability handling process. This entails validating if the issue is in fact a product issue, identifying root causes, determining what related products may be impacted, developing a remediation, and notifying end users and governmental organizations.

The resulting Cyber Security Advisory intends to notify customers of the vulnerability and provide details on which products are impacted, how to mitigate the vulnerability or explain workarounds that minimize the potential risk as much as possible. The release of a Cyber Security Advisory should not be misconstrued as an affirmation or indication of an active threat or ongoing campaign targeting the products mentioned here. If B&R is aware of any specific threats, it will be clearly mentioned in the communication.

The publication of this Cyber Security Advisory is an example of B&R's commitment to the user community in support of this critical topic. Responsible disclosure is an important element in the chain of trust we work to maintain with our many customers. The release of an Advisory provides timely information which is essential to help ensure our customers are fully informed.

Affected products

PVI <6.5.0

Vulnerability IDs

CVE-2026-0936

Summary

An update is available that resolves a vulnerability in the product versions listed above.

An attacker who successfully exploited this vulnerability could read sensitive information in the logging data of the PVI client application. Logging is deactivated by default in all PVI client versions.

Recommended immediate actions

The problem is corrected in the following product versions:

PVI 6.5.0

Please note that PVI is included in the Automation Studio installation package and shares the same version number as the corresponding Automation Studio release.

B&R recommends that customers apply the update at earliest convenience.

The process to install updates is described in the user manual. The step to identify the installed product version is described in the user manual.

Vulnerability severity and details

A vulnerability has been identified in the logging component of the product versions listed above. This vulnerability is limited to the logging system of the PVI client application and does not impact the server component. An authenticated local attacker with access to the client system could analyze stored PVI client application log files to extract sensitive information, such as credentials that are processed by the client during normal operation. The logging function is disabled by default and must be explicitly enabled by the user

The severity assessment has been performed by using the FIRST Common Vulnerability Scoring System (CVSS)[1] for both v3.1[2] and v4.0[3].

The indicated Common Weakness Enumerations (CWE) have been selected from the MITRE CWE list[4].

CVE-2026-0936 Insertion of sensitive Information into PVI Logfile

An Insertion of Sensitive Information into Log File vulnerability in B&R PVI client versions prior to 6.5 may be abused by an authenticated local attacker to gather credential information which is processed by the PVI client application. The logging function of the PVI client application is disabled by default and must be explicitly enabled by the user.

CVSS

CVSS v3.1 Base Score: 5.0
CVSS v3.1 Temporal Score: 4.4
CVSS v3.1 Vector: CVSS:3.1/AV:L/AC:L/PR:L/UI:R/S:U/C:H/I:N/A:N/E:U/RL:O/RC:C

CVSS v4.0 Score   5.1
CVSS v4.0 Vector: CVSS:4.0/AV:L/AC:L/AT:N/PR:L/UI:P/VC:H/VI:N/VA:N/SC:H/SI:H/SA:H

CWE
CWE-532: Insertion of Sensitive Information into Log

CVE
NVD Summary Link: https://nvd.nist.gov/vuln/detail/CVE-2026-0936

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[1] Common Vulnerability Scoring System (CVSS), Forum of Incident Response and Security Teams, Inc., https://www.first.org/cvss/.

[2] For the CVSS v3.1 scoring only the CVSS Base Score and the Temporal Score (if information is available) are considered in this advisory. The CVSS Environmental Score, which can affect the vulnerability severity, is not provided in this advisory since it reflects the potential impact of a vulnerability within the end-user organizations' computing environment; end-user organizations are therefore recommended to analyze their situation and specify the Environmental Score.

[3] For the CVSS v4.0 scoring only the CVSS Base Metrics and the CVSS Supplemental Metrics (if information is available) are considered in this advisory. The CVSS Environmental and Threat Metrics, which can affect the vulnerability severity, are not provided in this advisory since they reflect the potential impact of a vulnerability within the end-user organizations' computing environment and over time depending on the vulnerability exploit maturity. Therefore, end-user organizations are recommended to analyze their situation and specify the Environmental and Threat Metrics.

[4] Common Weakness Enumeration (CWE), The MITRE Corporation, https://cwe.mitre.org/.

Mitigating factors

This vulnerability is limited to the PVI client side application logging and does not impact any security related logging of the PVI server component. Logging is not enabled by default for PVI client applications. Activate logging on the client system only when it is required for troubleshooting, debugging or analysis. Ensure that all client side logging information is securely deleted after it is no longer needed.

When enabling logging in PVI client applications, the storage path for the log files must be specified. Make sure that only the respective user has access to the directories where the logging information is stored.

Refer to section "General security recommendations" for further advise on how to keep your system secure.

Frequently asked questions

When this security advisory was issued, had this vulnerability been publicly disclosed?

No, B&R discovered the vulnerabilities through its own security analysis

When this security advisory was issued, had B&R received any reports that this vulnerability was being exploited?

No, B&R had not received any information indicating that this vulnerability had been exploited when this security advisory was originally issued.

General security recommendations

For any installation of software-related B&R products we strongly recommend the following (non-exhaustive) list of cyber security practices:

– Isolate special purpose networks (e.g. for automation systems) and remote devices behind firewalls and separate them from any general-purpose network (e.g. office or home networks).

– Install physical controls so no unauthorized personnel can access your devices, components, peripheral equipment, and networks.

– Never connect programming software or computers containing programing software to any network other than the network for the devices that it is intended for.

– Scan all data imported into your environment before use to detect potential malware infections.

– Minimize network exposure for all applications and endpoints to ensure that they are not accessible from the Internet unless they are designed for such exposure and the intended use requires such.

– Ensure all nodes are always up to date in terms of installed software, operating system, and firmware patches as well as anti-virus and firewall.

– When remote access is required, use secure methods, such as Virtual Private Networks (VPNs). Recognize that VPNs may have vulnerabilities and should be updated to the most current version available. Also, understand that VPNs are only as secure as the connected devices.

More information on recommended practices can be found in the following documents:

Support

For additional instructions and support please contact your local B&R service organization. For contact information, see https://www.br-automation.com/en/about-us/locations/.

Information about ABB's cyber security program and capabilities can be found at www.abb.com/cyber-security.

Version history

Rev. Ind.	Page (p) Chapter (c)	Change description	Version. date
1.0	all	Initial version	2026-01-29