Technology for Life

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Our reference
PSA-26-295-2

Vulnerability and Incident Reporting
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Dräger Product Security Advisory PSA-26-295-2

REGARD 7000 OPC UA Server Security Vulnerabilities (Update 1)

Legal Notice

This Product Security Advisory is based on all our findings that we had at the time of publication. However, the facts of the case are being reviewed on an ongoing basis and it is possible that this may result in changed assessments or that assessments contained in this advisory may turn out to be incorrect. We also reserve the right to change or revoke any recommendations. In addition, differences may result from the circumstances of the individual case on site. This information is naturally not available to us and has not been taken into account. Dräger can therefore accept no responsibility that the information presented here is conclusive or comprehensively correct for you. Therefore, please check carefully to what extent deviations can arise for your individual case. If necessary, you will be informed about new findings through following advisories.

1. Publication Date

2026-10-27

2. Overview

On 2026-10-21 the PHP project published two critical vulnerabilities (CVE-2026-109618 and CVE-2026-109619) that can allow unauthenticated remote code execution. These vulnerabilities do not refer specifically to any Dräger product. Dräger has completed its investigation and has determined that the REGARD 7000 OPC UA Server is affected. No further Dräger products were found to be affected. When the product is used as intended, the REGARD system is not at risk; nevertheless, Dräger is making a software update available and recommends installing it.

Irrespective of the outcome, the following applies: as explicitly stated in the security-related information of the instructions for use, “the OPC UA server has not been tested or approved for use in public networks”.

The REGARD 7000 is intended and approved exclusively for use in specially protected network environments. The reported vulnerabilities do not change this assessment.

The full text of this advisory can be accessed through https://draeger.com/security.

3. Affected Products

The Dräger REGARD 7000 OPC UA Server is affected by the vulnerabilities described below. No further Dräger products are affected.

4. How to verify if the product is affected

The investigation has been completed and confirmed that the REGARD 7000 OPC UA Server is affected. A software update is being made available; Dräger recommends installing it.

5. Vulnerability Description

The following vulnerabilities were published by the PHP project on 2026-10-21 for the PHP runtime. They are not specific to any Dräger product; the REGARD 7000 OPC UA Server has been confirmed to be affected.

CVE-2026-109618 — RCE via OOM corruption

CVE-2026-109619 — RCE via stale global state

6. Impact

Successful exploitation could, depending on the configuration, allow an attacker to execute arbitrary code in the context of the affected process without prior authentication. When the REGARD 7000 OPC UA Server is operated as intended within an adequately protected network environment, the system is not at risk.

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7. Severity

Upstream (PHP project) classification:
Critical — unauthenticated remote code execution for both vulnerabilities:

CVSS 4.0 Score: 9.2 Critical

CVSS:4.0/AV:N/AC:H/AT:P/PR:N/UI:N/VC:H/VI:H/VA:H/SC:N/SI:N/SA:N

8. Remediation

The REGARD 7000 OPC UA Server is intended and approved exclusively for use in specially protected network environments. For intended operation within such an adequately protected network environment, Dräger currently sees no acute need for action; from Dräger's point of view, there is nothing to prevent continued operation in adequately protected networks.

Customers who have improperly connected the devices to a public network are advised to permanently take the affected devices out of service and to contact Dräger.

Dräger has completed its investigation. When the REGARD 7000 OPC UA Server is operated as intended within an adequately protected network environment, the system is not at risk. Nevertheless, Dräger provides a software update and recommends installing it. The update package will be made available at https://www.draeger.com/en_uk/Software-Download once the validation activities are done. The update is carried out as described in chapter 2.6 of the instructions for use.

9. Credit

The underlying vulnerabilities were proactively published by the PHP project.

10. Contact Information

If you have any further questions related to the impact of the vulnerabilities, please contact your designated regional marketing manager. For reporting incidents and potential vulnerabilities in our devices, please refer to https://draeger.com/security to contact the Product Security team directly.

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