Drägerwerk AG & Co.KGaA, 23542 Lübeck

Our reference
-

Vulnerability and Incident Reporting
product-security@draeger.com

Dräger Product Security Advisory PSA-21-267-01

Dräger Protector Software Security Vulnerabilities

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

2021-09-24

2 Overview

Security Vulnerabilities have been identified in the Dräger Protector Software. The vulnerabilities can lead to an escalation of privilege at the host system where Protector Software is running.

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

3 Affected Products

The following Dräger devices are affected by these vulnerabilities:

- Protector Software prior to software version 6.4.2

4 How to verify if the product is affected

The software version is displayed during startup on the login dialog.

5 Vulnerability Description

A local privilege escalation vulnerability exists in the file system permissions of Protector Software. Depending on the vector chosen, an attacker can either replace binary or loaded modules to execute code with NT SYSTEM privilege.

6 Impact

An attacker can execute code with NT SYSTEM privilege.

7 Severity

CVSS 3.1 Score

Base Score:	8.2
Severity:	High
Vector:	CVSS:3.1/AV:L/AC:L/PR:N/UI:R/S:C/C:N/I:H/A:H

8 Remediation

The software has been patched to mitigate the vulnerability. Customers are urged to install the fixed versions as soon as possible:

- Dräger Protector Software version 6.4.2 or higher

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for Drägerwerk AG & Co. KGaA
and Drägerwerk Verwaltungs AG:
Stefan Lauer
Executive Board:
Stefan Dräger (chairman)
Rainer Klug
Gert-Hartwig Lescow
Dr. Reiner Piske
Anton Schrofner

9 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://static.draeger.com/security to contact the Product Security team directly.

10 Credit

Dräger would like to thank the Mario Ceballos for finding and reporting these vulnerabilities to us!

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11 Revision History

VERSION	DATE	COMMENTS
1.0	2021-09-24	Initial Advisory

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