

Vulnerability of Log4j

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Valid from: **January 20, 2022**
Applies to: **burster SW & FW**
Reporter: OM, MT

Manufacturer:
burster
präzisionsmesstechnik gmbh & co kg
Talstraße 1 - 5 Postfach 1432
D-76593 Gernsbach D-76593 Gernsbach
Germany Germany

Tel.: (+49) 07224 645-0
Fax.: (+49) 07224 645-88
E-Mail: info@burster.com
www.burster.com

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General information

Log4Shell, also known as CVE-2021-44228 is a security vulnerability in Log4j. Log4j is a library for logging events and errors in Java applications. The implementations before 2013 are not affected because the vulnerability exists “first” since 2013. In simple terms, a hacker can send a special string to a server that uses Log4j as a logging tool and force that server to load a malicious java object from a hacker’s server to execute potentially harmful actions on the affected server. You can find more information on:

<https://logging.apache.org/log4j/2.x/security.html>

Statement of Log4j by burster

Embedded devices:

Burster embedded devices are not based on Java technology in general and neither use Log4j nor Apache Server partially. Therefore, the burster embedded devices are **not affected**.

PC Software:

| PC Program | Usage of Log4j | Affects |
|---------------------------------------|----------------|--------------|
| DigiControl | no usage | not affected |
| DigiVision | no usage | not affected |
| 2316-P001 | no usage | not affected |
| DigiCal | no usage | not affected |
| Cable Measurement | no usage | not affected |
| FMControl | no usage | not affected |
| 9221-P001 | no usage | not affected |
| Burster Instrument Drivers (X86, X64) | no usage | not affected |
| Serial Console | no usage | not affected |
| TCP-IP Tool | no usage | not affected |
| Remote Control Tool | no usage | not affected |
| UDP Console | no usage | not affected |
| DigiTEDS | no usage | not affected |