LSA-960930: Vulnerability reported by Zero Day Initiative

- Publication Date: 2023-11-14
- Last Update: 2023-11-14
- Current Version: 1.0
- CVSS v3.1 Base Score: 7.8

Summary

Simon Janz (@esj4y), working with Trend Micro Zero Day Initiative (ZDI), discovered and disclosed one vulnerability pertaining to Luxion software products:

- ZDI-CAN-22139

More information at: https://www.zerodayinitiative.com/advisories/published/

Luxion has mitigated for the vulnerability in version 2023.3.

Affected Products and Remediation

- KeyShot
  - Affected versions: All versions before 2023.3
  - Remediation: Upgrade to version 2023.3 or later
- KeyShot Viewer
  - Affected versions: All versions before 2023.3
  - Remediation: Upgrade to version 2023.3 or later

Product Description

KeyShot is a photo-realistic real-time rendering program with a scene structure that can be setup and manipulated for rendering. It allows import of various CAD formats into its scene structure.

KeyShot Viewer is a read-only version of KeyShot in which scenes can only be viewed and rendered, but not manipulated or exported.

Vulnerability Classification

Classification of the vulnerability has been done by using CVSS 3.1 (https://www.first.org/cvss/) with additional CWE classification (https://cwe.mitre.org/).

- Vulnerability ZDI-CAN-22139
  - Opening of malicious KeyShot project files (.ksp, .bip) could cause memory corruption and potentially remote code execution.
  - CVE-2023-22139
  - CVSS v3.1 base score: 7.8
  - CWE-20: Improper Input Validation

Acknowledgments

Luxion thanks the following parties for their efforts:

- Zero Day Initiative for coordinated disclosure
Additional Information

Further details about Luxion CSIRT and advisories can be found at: https://www.keyshot.com/csirt/

History Data

v1.0 (2023-11-14): Publication date

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