

Document ID AAGS-HOSP-SA-2022-002	Revision 1	Date 2022-03-22	Document category Security Advisory
Confidentiality level Public	Status Approved		Page (of) 1 (3)

AAGS-HOSP-SA-2022-002 – Insufficient entropy

Hospitality

TLP:WHITE

Disclosure is not limited.

Overview

A vulnerability has been discovered in Visionline related to insufficient entropy. The severity is high.

Advisory Status

Investigation Done

While our product investigation is done, we will continue to monitor the threat environment and update this advisory if this situation changes. Our security teams are actively monitoring our environments and updating our defense-in-depth tools.

AFFECTED PRODUCTS

PRODUCT NAME	VERSIONS
Visionline	Prior to 1.27.0

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Vulnerability Description

A vulnerability has been discovered in Visionline related to insufficient entropy. A key generation algorithm in the Visionline server is causing an encryption key to be created with insufficient entropy, which reduces the strength of the key.

IMPACT

Provided detailed knowledge, time, equipment, and access to the system, it may result in a malicious actor being able to brute force the key generation.

SEVERITY

The CVSSv3.1 score for this vulnerability is:

CVSS 7.1 (HIGH)

CVSS:3.1/AV:P/AC:H/PR:N/UI:N/S:C/C:H/I:H/A:H/E:F/RL:O/RC:C

REMEDIATION

ASSA ABLOY Global Solutions has released a new version of Visionline, which addresses the reported issue. We highly recommend that customers upgrade to Visionline 1.27.0 or later and follow the procedures specified in the upgrade manual for 1.27 (Available on the Service Portal).

We provide mitigation instructions to reduce risks through our support channels before upgrading to Visionline 1.27.0 or later.

Customers who wish to upgrade are recommended to contact their local ASSA ABLOY Global Solutions Office listed in the *Contact Information* section below.

CREDIT

Discovered by Timo Hirvonen & Tomi Tuominen from WithSecure

Contact Information

If you have additional questions, don't hesitate to get in touch with us:

- Technical questions for customers with SLA or Service Portal account
Please raise a case or start a chat session.
 - <https://my.assaabloyglobalsolutions.com/assaabloy>
- Technical questions for customers without SLA or Service Portal account
Global Helpdesk: +1 214-833-0797

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- Security Advisories updates and security information
We continuously update our Hospitality Security Resources Center with the latest information related to security concerning our products and services.
 - <https://www.assaabloyglobalsolutions.com/en/industries/hospitality/product-security>

REFERENCES

ASSA ABLOY Global Solutions Hospitality adheres to a responsible disclosure policy published on our Product Security Center.

The Security Advisories severity level is a self-calculated CVSS score that follows the vulnerability metrics standard.

- <https://www.assaabloyglobalsolutions.com/en/industries/hospitality/product-security>
- <https://www.first.org/cvss/calculator/3.1>

REVISION HISTORY

Revision	Date	Description
1. 1	2022-03-22	The initial publication of the advisory

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