

## **SSA-699404: Observable Response Discrepancy in Mendix Forgot Password Module**

Publication Date: 2023-04-11  
Last Update: 2023-04-11  
Current Version: V1.0  
CVSS v3.1 Base Score: 5.3

### **SUMMARY**

The Mendix Forgot Password module contains an observable response discrepancy issue that could allow an attacker to retrieve sensitive information.

Siemens has released updates for the affected products and recommends to update to the latest versions.

### **AFFECTED PRODUCTS AND SOLUTION**

<b>Affected Product and Versions</b>	<b>Remediation</b>
Mendix Forgot Password (Mendix 7 compatible): All versions < V3.7.1	Update to V3.7.1 or later version <a href="https://marketplace.mendix.com/link/component/1296">https://marketplace.mendix.com/link/component/1296</a>
Mendix Forgot Password (Mendix 8 compatible): All versions < V4.1.1	Update to V4.1.1 or later version <a href="https://marketplace.mendix.com/link/component/1296">https://marketplace.mendix.com/link/component/1296</a>
Mendix Forgot Password (Mendix 9 compatible): All versions < V5.1.1	Update to V5.1.1 or later version <a href="https://marketplace.mendix.com/link/component/1296">https://marketplace.mendix.com/link/component/1296</a>

### **WORKAROUNDS AND MITIGATIONS**

Product-specific remediations or mitigations can be found in the section [Affected Products and Solution](#). Please follow the [General Security Recommendations](#).

### **GENERAL SECURITY RECOMMENDATIONS**

As a general security measure, Siemens strongly recommends to protect network access to devices with appropriate mechanisms. In order to operate the devices in a protected IT environment, Siemens recommends to configure the environment according to Siemens' operational guidelines for Industrial Security (Download: <https://www.siemens.com/cert/operational-guidelines-industrial-security>), and to follow the recommendations in the product manuals.

Additional information on Industrial Security by Siemens can be found at: <https://www.siemens.com/industrialsecurity>

## **PRODUCT DESCRIPTION**

Mendix Forgot Password module allows your users to sign-up for your application or reset their own password without administrator involvement.

## **VULNERABILITY CLASSIFICATION**

The vulnerability classification has been performed by using the CVSS scoring system in version 3.1 (CVSS v3.1) (<https://www.first.org/cvss/>). The CVSS environmental score is specific to the customer's environment and will impact the overall CVSS score. The environmental score should therefore be individually defined by the customer to accomplish final scoring.

An additional classification has been performed using the CWE classification, a community-developed list of common software security weaknesses. This serves as a common language and as a baseline for weakness identification, mitigation, and prevention efforts. A detailed list of CWE classes can be found at: <https://cwe.mitre.org/>.

### **Vulnerability CVE-2023-27464**

The affected versions of the module contain an observable response discrepancy issue that could allow an attacker to retrieve sensitive information.

CVSS v3.1 Base Score	5.3
CVSS Vector	<a href="#">CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:L/I:N/A:N/E:P/RL:O/RC:C</a>
CWE	CWE-204: Observable Response Discrepancy

## **ADDITIONAL INFORMATION**

For further inquiries on security vulnerabilities in Siemens products and solutions, please contact the Siemens ProductCERT:

<https://www.siemens.com/cert/advisories>

## **HISTORY DATA**

V1.0 (2023-04-11): Publication Date

## **TERMS OF USE**

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