

Product Security Advisory

November 19, 2020

JCI-PSA-2020-10 v1

CVE-2020-9049

ICSA-20-324-01



Overview

Johnson Controls has confirmed a JSON Web Token (JWT) vulnerability with specified versions of American Dynamics victor Web Client and Software House C-CURE Web Client.

Impact

The vulnerability could allow an unauthenticated attacker on the network to create and sign their own JSON Web Token and use it to execute an HTTP API Method without the need for valid authentication/authorization. Under certain circumstances, this could be used by an attacker to impact system availability by conducting a Denial of Service attack.

Affected Versions

- All versions of American Dynamics victor Web Client up to and including v5.6
- All versions of Software House C-CURE Web Client up to and including v2.90
 - **Note:** This does not affect the new web-based C-CURE 9000 client that was introduced in C-CURE 9000 v2.90

Mitigation

While it is always advisable to maintain your product installation at the latest release, a number of options exist for remediation of this particular issue. See below for details.

victor Web Client

- victor Web Client v5.6 and earlier – upgrade to v5.6 SP1 (victor Unified Client v5.6 SP1)

Registered users can obtain the software update by downloading the update found here:

<https://www.americandynamics.net/support/SoftwareDownloads.aspx>.

C-CURE Web Client

C-CURE Web v2.60 and earlier – upgrade to a minimum of v2.70 and install the relevant update below.

- C-CURE Web v2.70 – install the update **WebClient_c2.70_5.2_Update02**
- C-CURE Web v2.80 – install the update **WebClient_c2.80_v5.4.1_Update04**
- C-CURE Web v2.90 – install the update **CCureWeb_2.90_Update01**

Registered users can obtain the software update by downloading the update found here:

<https://swhouse.com/Support/SoftwareDownloads.aspx>.

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Resources

Cyber Solutions Website - <https://www.johnsoncontrols.com/cyber-solutions/security-advisories>

CVE-2020-9049 - [NIST National Vulnerability Database \(NVD\)](#) and [MITRE CVE® List](#)

ICSA-20-324-01 - [CISA ICS-CERT Advisories](#)