



VDB-307376 · CVE-2025-4272 · GCVE-100-307376

# MECHREVO CONTROL CONSOLE 1.0.2.70 GCUSERVICE CSCAPI.DLL UNCONTROLLED SEARCH PATH

A vulnerability was found in Mechrevo Control Console 1.0.2.70. It has been rated as critical. Affected by this issue is some unknown processing in the library *C:\Program Files\OEM\MECHREVO Control Center\UniwillService\MyControlCenter\csCAPI.dll* of the component *GCUserService*. The manipulation with an unknown input leads to a uncontrolled search path vulnerability. Using CWE to declare the problem leads to CWE-427. The product uses a fixed or controlled search path to find resources, but one or more locations in that path can be under the control of unintended actors. Impacted is confidentiality, integrity, and availability.

The advisory is shared for download at [yuque.com](https://yuque.com). This vulnerability is handled as CVE-2025-4272. The exploitation is known to be difficult. The attack needs to be approached locally. Technical details as well as a public exploit are known. The MITRE ATT&CK project declares the attack technique as T1574.

The exploit is available at [drive.google.com](https://drive.google.com). It is declared as proof-of-concept.

There is no information about possible countermeasures known. It may be suggested to replace the affected object with an alternative product.

## Product

### Vendor

- Mechrevo

### Name

- Control Console

### Version

- 1.0.2.70

## CPE 2.3

- 

## CPE 2.2

- 

# CVSSv4

VulDB Vector: 

VulDB Reliability: 

# CVSSv3

VulDB Meta Base Score: 7.0

VulDB Meta Temp Score: 6.4

VulDB Base Score: 7.0

VulDB Temp Score: 6.4

VulDB Vector: 

VulDB Reliability: 

# CVSSv2

CVSSv2	CVSSv3	CVSSv4	CVSSv2	CVSSv3	CVSSv4
7.0	7.0	7.0	7.0	7.0	7.0
6.4	6.4	6.4	6.4	6.4	6.4
7.0	7.0	7.0	7.0	7.0	7.0
6.4	6.4	6.4	6.4	6.4	6.4

VulDB Base Score: 

VulDB Temp Score: 

VulDB Reliability: 

# Exploiting

**Class:** Uncontrolled search path

**CWE:** CWE-427 / CWE-426

**CAPEC:** 

**ATT&CK:** 

**Local:** Yes

**Remote:** No

**Availability:** 

**Access:** Public

**Status:** Proof-of-Concept

**Download:** 

**Price Prediction:** 

**Current Price Estimation:** 

## Threat Intelligence

Interest: 🔍  
Active Actors: 🔍  
Active APT Groups: 🔍

## Countermeasures

Recommended: no mitigation known  
Status: 🔍

0-Day Time: 🕒

## Timeline

05/04/2025		Advisory disclosed
05/04/2025	+0 days	VulDB entry created
05/05/2025	+1 days	VulDB entry last update

## Sources

Advisory: yuque.com  
Status: Not defined

CVE: CVE-2025-4272 (🕒)  
GCVE (CVE): GCVE-0-2025-4272  
GCVE (VulDB): GCVE-100-307376  
scip Labs: <https://www.scip.ch/en/?labs.20161013>

## Entry

Created: 05/04/2025 08:33 PM  
Updated: 05/05/2025 12:56 PM  
Changes: 05/04/2025 08:33 PM (55), 05/05/2025 12:56 PM (1)  
Complete: 🔍  
Submitter: Ba1\_Ma0  
Cache ID: 5:470:101

## Submit

Accepted

- [Submit #563468: MECHREVO Control Console 1.0.2.70 Elevation Of Privilege \(by Ba1\\_Ma0\)](#)

## Discussion

No comments yet. Languages: en.

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