



# CVE-2022-2474

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## CVE-2022-2474

[Source: Mitre](#)

[Source: NIST](#)

[CVE.ORG](#)

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CVSS:31/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H



Certain versions of [Haas Controller](#) from [Haascnc](#) contain the following vulnerability:

Authentication is currently unsupported in Haas Controller version 100.20.000.1110 when using the “Ethernet Q Commands” service, which allows any user on the same network segment as the controller (even while connected remotely) to access the service and write unauthorized macros to the device.

CVE-2022-2474 has been assigned by [ics-cert@hq.dhs.gov](#) to track the vulnerability - currently rated as **HIGH** severity.

Affected Vendor/Software: [Haas](#) - **Haas CNC Controller** version = **100.20.000.1110**

CVSS3 Score: **8 - HIGH**

| Attack Vector    | Attack Complexity      | Privileges Required | User Interaction    |
|------------------|------------------------|---------------------|---------------------|
| ADJACENT_NETWORK | LOW                    | LOW                 | NONE                |
| Scope            | Confidentiality Impact | Integrity Impact    | Availability Impact |
| UNCHANGED        | HIGH                   | HIGH                | HIGH                |

## CVE References

| Description            | Tags                                                      | Link                                                                   |
|------------------------|-----------------------------------------------------------|------------------------------------------------------------------------|
| Haas Controller   CISA | <a href="#">www.cisa.gov</a><br><a href="#">text/html</a> | <a href="#">MISC www.cisa.gov/uscert/ics/advisories/icsa-22-298-01</a> |

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There are currently no QIDs associated with this CVE

## Known Affected Configurations (CPE V2.3)

| Type                                                                                       | Vendor                  | Product                                  | Version         | Update | Edition | Language |
|--------------------------------------------------------------------------------------------|-------------------------|------------------------------------------|-----------------|--------|---------|----------|
| Hardware  | <a href="#">Haascnc</a> | <a href="#">Haas Controller</a>          | -               | All    | All     | All      |
| Operating System                                                                           | <a href="#">Haascnc</a> | <a href="#">Haas Controller Firmware</a> | 100.20.000.1110 | All    | All     | All      |
| cpe:2.3:h:haascnc:haas_controller:-:*****:.*:                                              |                         |                                          |                 |        |         |          |
| cpe:2.3:o:haascnc:haas_controller_firmware:100.20.000.1110:*****:.*:                       |                         |                                          |                 |        |         |          |

## Discovery Credit

Marco Balduzzi of Trend Micro and Francesco Sortino from Celada Spa reported this vulnerability.

## Social Mentions

| Source                                                                                       | Title                                                                                                                                                                | Posted (UTC)        |
|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|
|  @CVEreport  | CVE-2022-2474 : Authentication is currently unsupported in Haas Controller version 100.20.000.1110 when using the "... <a href="#">twitter.com/i/web/status/1...</a> | 2022-10-28 18:01:12 |
|  /r/netcve | <a href="#">CVE-2022-2474</a>                                                                                                                                        | 2022-10-28 18:38:09 |

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