CVE-2022-29518

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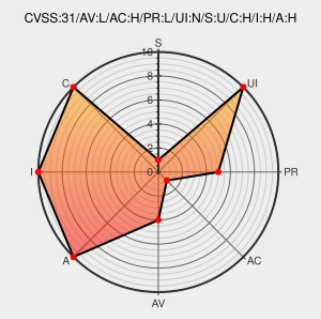

Certain versions of Gc-a22w-cw from Koyoele contain the following vulnerability:

Screen Creator Advance2, HMI GC-A2 series, and Real time remote monitoring and control tool Screen Creator Advance2 versions prior to Ver.0.1.1.3 Build01, HMI GC-A2 series(GC-A22W-CW, GC-A24W-C(W), GC-A26W-C(W), GC-A24, GC-A24-M, GC-A25, GC-A26, and GC-A26-J2), and Real time remote monitoring and control tool(Remote GC) allows a local attacker to bypass authentication due to the improper check for the Remote control setting's account names. This may allow attacker who can access the HMI from Real time remote monitoring and control tool may perform arbitrary operations on the HMI. As a result, the information stored in the HMI may be disclosed, deleted or altered, and/or the equipment may be illegally operated via the HMI.

CVE-2022-29518 has been assigned by vultures@jpcert.or.jp to track the vulnerability - currently rated as HIGH severity.

Affected Vendor/Software: **KOYO ELECTRONICS INDUSTRIES CO., LTD.** - **Screen Creator Advance2, HMI GC-A2 series, and Real time remote monitoring and control tool** version **Screen Creator Advance2 versions prior to Ver.0.1.1.3 Build01, HMI GC-A2 series(GC-A22W-CW, GC-A24W-C(W), GC-A26W-C(W), GC-A24, GC-A24-M, GC-A25, GC-A26, and GC-A26-J2), and Real time remote monitoring and control tool(Remote GC)**

CVSS3 Score: 7 - HIGH

Attack Vector	Attack Complexity	Privileges Required	User Interaction
LOCAL	HIGH	LOW	NONE
Scope	**Confidentiality Impact**	**Integrity Impact**	**Availability Impact**
UNCHANGED	HIGH	HIGH	HIGH

CVSS2 Score: 5.9 - MEDIUM

Access Vector	Access Complexity	Authentication
LOCAL	MEDIUM	NONE

Confidentiality Impact	Integrity Impact	Availability Impact
PARTIAL	PARTIAL	COMPLETE

CVE References

Description	Tags	Link
[Update notice] Screen Creator Advance 2 software of GC-A2 Series | KOYO ELECTRONICS INDUSTRIES CO., LTD.	www.koyoele.co.jp text/html	MISC www.koyoele.co.jp/en/topics/202205095016/
JVN#50337155: KOYO Electronics Screen Creator Advance2 vulnerable to authentication bypass	jvn.jp text/xml	MISC jvn.jp/en/jp/JVN50337155/index.html

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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	Koyoele	Gc-a22w-cw	-	All	All	All
Operating System	Koyoele	Gc-a22w-cw Firmware	-	All	All	All
Hardware	Koyoele	Gc-a24	-	All	All	All
Hardware	Koyoele	Gc-a24-m	-	All	All	All
Operating System	Koyoele	Gc-a24-m Firmware	-	All	All	All
Hardware	Koyoele	Gc-a24w-cw	-	All	All	All
Operating System	Koyoele	Gc-a24w-cw Firmware	-	All	All	All
Operating System	Koyoele	Gc-a24 Firmware	-	All	All	All
Hardware	Koyoele	Gc-a25	-	All	All	All
Operating System	Koyoele	Gc-a25 Firmware	-	All	All	All
Hardware	Koyoele	Gc-a26	-	All	All	All
Hardware	Koyoele	Gc-a26-j2	-	All	All	All
Operating System	Koyoele	Gc-a26-j2 Firmware	-	All	All	All
Hardware	Koyoele	Gc-a26w-cw	-	All	All	All
Operating System	Koyoele	Gc-a26w-cw Firmware	-	All	All	All

Operating System	Koyoele	Gc-a26 Firmware	-	All	All	All
Application	Koyoele	Remote Gc	-	All	All	All
Application	Koyoele	Screen Creator Advance 2	All	All	All	All
Application	Koyoele	Screen Creator Advance 2	0.1.1.3	-	All	All

cpe:2.3:h:koyoele:gc-a22w-cw:-:*:*:*:*:*:*:*:

cpe:2.3:o:koyoele:gc-a22w-cw_firmware:-:*:*:*:*:*:*:*:

cpe:2.3:h:koyoele:gc-a24:-:*:*:*:*:*:*:*:

cpe:2.3:h:koyoele:gc-a24-m:-:*:*:*:*:*:*:*:

cpe:2.3:o:koyoele:gc-a24-m_firmware:-:*:*:*:*:*:*:*:

cpe:2.3:h:koyoele:gc-a24w-c\(w\):-:*:*:*:*:*:*:*:

cpe:2.3:o:koyoele:gc-a24w-c\(w\)_firmware:-:*:*:*:*:*:*:*:

cpe:2.3:o:koyoele:gc-a24_firmware:-:*:*:*:*:*:*:*:

cpe:2.3:h:koyoele:gc-a25:-:*:*:*:*:*:*:*:

cpe:2.3:o:koyoele:gc-a25_firmware:-:*:*:*:*:*:*:*:

cpe:2.3:h:koyoele:gc-a26:-:*:*:*:*:*:*:*:

cpe:2.3:h:koyoele:gc-a26-j2:-:*:*:*:*:*:*:*:

cpe:2.3:o:koyoele:gc-a26-j2_firmware:-:*:*:*:*:*:*:*:

cpe:2.3:h:koyoele:gc-a26w-c\(w\):-:*:*:*:*:*:*:*:

cpe:2.3:o:koyoele:gc-a26w-c\(w\)_firmware:-:*:*:*:*:*:*:*:

cpe:2.3:o:koyoele:gc-a26_firmware:-:*:*:*:*:*:*:*:

cpe:2.3:a:koyoele:remote_gc:-:*:*:*:*:*:*:*:

cpe:2.3:a:koyoele:screen_creator_advance_2:*:*:*:*:*:*:*:*:

cpe:2.3:a:koyoele:screen_creator_advance_2:0.1.1.3:-:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
@CVEreport	CVE-2022-29518 : Screen Creator Advance2, HMI GC-A2 series, and Real time remote monitoring and control tool Screen… twitter.com/i/web/status/1…	2022-05-18 14:12:36
/r/netcve	CVE-2022-29518	2022-05-18

14:39:19

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