



# CVE-2021-32996

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## Summary

<b>CVE</b>	CVE-2021-32996
<b>State</b>	PUBLIC
<b>Assigner</b>	ics-cert@hq.dhs.gov
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2022-01-10 14:10:00 UTC
<b>Updated</b>	2022-01-13 20:44:00 UTC
<b>Description</b>	The FANUC R-30iA and R-30iB series controllers are vulnerable to integer coercion errors, which cause the device to crash

## Risk And Classification

**Problem Types:** CWE-681

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware	Fanuc	R-30ia	-	All	All	All
Operating System	Fanuc	R-30ia Firmware	7.20	All	All	All
Operating System	Fanuc	R-30ia Firmware	7.30	All	All	All
Operating System	Fanuc	R-30ia Firmware	7.40	All	All	All
Operating System	Fanuc	R-30ia Firmware	7.43	All	All	All
Operating System	Fanuc	R-30ia Firmware	7.50	All	All	All
Operating System	Fanuc	R-30ia Firmware	7.63	All	All	All
Operating System	Fanuc	R-30ia Firmware	7.70	All	All	All
Hardware	Fanuc	R-30ia Mate	-	All	All	All
Operating System	Fanuc	R-30ia Mate Firmware	7.20	All	All	All
Operating System	Fanuc	R-30ia Mate Firmware	7.30	All	All	All
Operating System	Fanuc	R-30ia Mate Firmware	7.40	All	All	All
Operating System	Fanuc	R-30ia Mate Firmware	7.43	All	All	All
Operating System	Fanuc	R-30ia Mate Firmware	7.50	All	All	All
Operating System	Fanuc	R-30ia Mate Firmware	7.63	All	All	All
Operating System	Fanuc	R-30ia Mate Firmware	7.70	All	All	All
Hardware	Fanuc	R-30ib	-	All	All	All

Hardware	Fanuc	R-30ib Compact	-	All	All	All
Operating System	Fanuc	R-30ib Compact Firmware	8.10	All	All	All
Operating System	Fanuc	R-30ib Compact Firmware	8.13	All	All	All
Operating System	Fanuc	R-30ib Compact Firmware	8.20	All	All	All
Operating System	Fanuc	R-30ib Compact Firmware	8.23	All	All	All
Operating System	Fanuc	R-30ib Compact Firmware	8.26	All	All	All
Operating System	Fanuc	R-30ib Compact Firmware	8.30	All	All	All
Operating System	Fanuc	R-30ib Compact Firmware	8.33	All	All	All
Operating System	Fanuc	R-30ib Compact Firmware	8.36	All	All	All
Hardware	Fanuc	R-30ib Compact Plus	-	All	All	All
Operating System	Fanuc	R-30ib Compact Plus Firmware	9.10	All	All	All
Operating System	Fanuc	R-30ib Compact Plus Firmware	9.13	All	All	All
Operating System	Fanuc	R-30ib Compact Plus Firmware	9.16	All	All	All
Operating System	Fanuc	R-30ib Compact Plus Firmware	9.30	All	All	All
Operating System	Fanuc	R-30ib Compact Plus Firmware	9.36	All	All	All
Operating System	Fanuc	R-30ib Compact Plus Firmware	9.40	All	All	All
Operating System	Fanuc	R-30ib Firmware	8.10	All	All	All
Operating System	Fanuc	R-30ib Firmware	8.13	All	All	All
Operating System	Fanuc	R-30ib Firmware	8.20	All	All	All
Operating System	Fanuc	R-30ib Firmware	8.23	All	All	All
Operating System	Fanuc	R-30ib Firmware	8.26	All	All	All
Operating System	Fanuc	R-30ib Firmware	8.30	All	All	All
Operating System	Fanuc	R-30ib Firmware	8.33	All	All	All
Operating System	Fanuc	R-30ib Firmware	8.36	All	All	All
Hardware	Fanuc	R-30ib Mate	-	All	All	All
Operating System	Fanuc	R-30ib Mate Firmware	8.10	All	All	All
Operating System	Fanuc	R-30ib Mate Firmware	8.13	All	All	All
Operating System	Fanuc	R-30ib Mate Firmware	8.20	All	All	All
Operating System	Fanuc	R-30ib Mate Firmware	8.23	All	All	All
Operating System	Fanuc	R-30ib Mate Firmware	8.26	All	All	All
Operating System	Fanuc	R-30ib Mate Firmware	8.30	All	All	All
Operating System	Fanuc	R-30ib Mate Firmware	8.33	All	All	All
Operating System	Fanuc	R-30ib Mate Firmware	8.36	All	All	All
Hardware	Fanuc	R-30ib Mate Plus	-	All	All	All
Operating System	Fanuc	R-30ib Mate Plus Firmware	9.10	All	All	All

Operating System	Fanuc	R-30ib Mate Plus Firmware	9.13	All	All	All
Operating System	Fanuc	R-30ib Mate Plus Firmware	9.16	All	All	All
Operating System	Fanuc	R-30ib Mate Plus Firmware	9.30	All	All	All
Operating System	Fanuc	R-30ib Mate Plus Firmware	9.36	All	All	All
Operating System	Fanuc	R-30ib Mate Plus Firmware	9.40	All	All	All
Hardware	Fanuc	R-30ib Mini Plus	-	All	All	All
Operating System	Fanuc	R-30ib Mini Plus Firmware	9.10	All	All	All
Operating System	Fanuc	R-30ib Mini Plus Firmware	9.13	All	All	All
Operating System	Fanuc	R-30ib Mini Plus Firmware	9.16	All	All	All
Operating System	Fanuc	R-30ib Mini Plus Firmware	9.30	All	All	All
Operating System	Fanuc	R-30ib Mini Plus Firmware	9.36	All	All	All
Operating System	Fanuc	R-30ib Mini Plus Firmware	9.40	All	All	All
Hardware	Fanuc	R-30ib Plus	-	All	All	All
Operating System	Fanuc	R-30ib Plus Firmware	9.10	All	All	All
Operating System	Fanuc	R-30ib Plus Firmware	9.13	All	All	All
Operating System	Fanuc	R-30ib Plus Firmware	9.16	All	All	All
Operating System	Fanuc	R-30ib Plus Firmware	9.30	All	All	All
Operating System	Fanuc	R-30ib Plus Firmware	9.36	All	All	All
Operating System	Fanuc	R-30ib Plus Firmware	9.40	All	All	All

## References

Reference	Source	Link	Tags
FANUC Robot Controllers   CISA	MISC	<a href="http://www.cisa.gov">www.cisa.gov</a>	
CVE Program record	CVE.ORG	<a href="http://www.cve.org">www.cve.org</a>	canonical
NVD vulnerability detail	NVD	<a href="http://nvd.nist.gov">nvd.nist.gov</a>	canonical, analysis

No vendor comments have been submitted for this CVE.

There are currently no legacy QID mappings associated with this CVE.

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