



# CVE-2018-5461

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF !\[\]\(e3f8612927870f2e0f9f5989e6dd3064\_img.jpg\)](#)

## Summary

<b>CVE</b>	CVE-2018-5461
<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>	2018-03-06 21:29:00 UTC
<b>Updated</b>	2019-10-09 23:41:00 UTC
<b>Description</b>	An Inadequate Encryption Strength issue was discovered in Belden Hirschmann RS, RSR, RSB, MACH100, MACH1000, M

## Risk And Classification

### Problem Types: CWE-326

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware	<a href="#">Belden</a>	<a href="#">Hirschmann M1-8mm-sc</a>	-	All	All	All
Hardware	<a href="#">Belden</a>	<a href="#">Hirschmann M1-8mm-sc</a>	-	All	All	All
Hardware	<a href="#">Belden</a>	<a href="#">Hirschmann M1-8sfp</a>	-	All	All	All
Hardware	<a href="#">Belden</a>	<a href="#">Hirschmann M1-8sfp</a>	-	All	All	All
Hardware	<a href="#">Belden</a>	<a href="#">Hirschmann M1-8sm-sc</a>	-	All	All	All
Hardware	<a href="#">Belden</a>	<a href="#">Hirschmann M1-8sm-sc</a>	-	All	All	All
Hardware	<a href="#">Belden</a>	<a href="#">Hirschmann M1-8tp-rj45</a>	-	All	All	All
Hardware	<a href="#">Belden</a>	<a href="#">Hirschmann M1-8tp-rj45</a>	-	All	All	All
Hardware	<a href="#">Belden</a>	<a href="#">Hirschmann Mach102-24tp-f</a>	-	All	All	All
Hardware	<a href="#">Belden</a>	<a href="#">Hirschmann Mach102-24tp-f</a>	-	All	All	All
Hardware	<a href="#">Belden</a>	<a href="#">Hirschmann Mach102-24tp-fr</a>	-	All	All	All
Hardware	<a href="#">Belden</a>	<a href="#">Hirschmann Mach102-24tp-fr</a>	-	All	All	All
Hardware	<a href="#">Belden</a>	<a href="#">Hirschmann Mach102-8tp</a>	-	All	All	All
Hardware	<a href="#">Belden</a>	<a href="#">Hirschmann Mach102-8tp</a>	-	All	All	All
Hardware	<a href="#">Belden</a>	<a href="#">Hirschmann Mach102-8tp-f</a>	-	All	All	All
Hardware	<a href="#">Belden</a>	<a href="#">Hirschmann Mach102-8tp-f</a>	-	All	All	All
Hardware	<a href="#">Belden</a>	<a href="#">Hirschmann Mach102-8tp-fr</a>	-	All	All	All



Hardware	Belden	Hirschmann Mach104-20tx-f-4poe	-	All	All	All
Hardware	Belden	Hirschmann Mach104-20tx-f-4poe	-	All	All	All
Hardware	Belden	Hirschmann Mach104-20tx-f-l3p	-	All	All	All
Hardware	Belden	Hirschmann Mach104-20tx-f-l3p	-	All	All	All
Hardware	Belden	Hirschmann Mach104-20tx-fr	-	All	All	All
Hardware	Belden	Hirschmann Mach104-20tx-fr	-	All	All	All
Hardware	Belden	Hirschmann Mach104-20tx-fr-l3p	-	All	All	All
Hardware	Belden	Hirschmann Mach104-20tx-fr-l3p	-	All	All	All
Hardware	Belden	Hirschmann Mach4002-24g 3x-l2p	-	All	All	All
Hardware	Belden	Hirschmann Mach4002-24g 3x-l3e	-	All	All	All
Hardware	Belden	Hirschmann Mach4002-24g 3x-l3p	-	All	All	All
Hardware	Belden	Hirschmann Mach4002-24g-l2p	-	All	All	All
Hardware	Belden	Hirschmann Mach4002-24g-l2p	-	All	All	All
Hardware	Belden	Hirschmann Mach4002-24g-l3e	-	All	All	All
Hardware	Belden	Hirschmann Mach4002-24g-l3e	-	All	All	All
Hardware	Belden	Hirschmann Mach4002-24g-l3p	-	All	All	All
Hardware	Belden	Hirschmann Mach4002-24g-l3p	-	All	All	All
Hardware	Belden	Hirschmann Mach4002-24g 3x-l2p	-	All	All	All
Hardware	Belden	Hirschmann Mach4002-24g 3x-l2p	-	All	All	All
Hardware	Belden	Hirschmann Mach4002-24g 3x-l3e	-	All	All	All
Hardware	Belden	Hirschmann Mach4002-24g 3x-l3e	-	All	All	All
Hardware	Belden	Hirschmann Mach4002-24g 3x-l3p	-	All	All	All
Hardware	Belden	Hirschmann Mach4002-24g 3x-l3p	-	All	All	All
Hardware	Belden	Hirschmann Mach4002-48g 3x-l2p	-	All	All	All
Hardware	Belden	Hirschmann Mach4002-48g 3x-l3e	-	All	All	All
Hardware	Belden	Hirschmann Mach4002-48g 3x-l3p	-	All	All	All
Hardware	Belden	Hirschmann Mach4002-48g-l2p	-	All	All	All
Hardware	Belden	Hirschmann Mach4002-48g-l2p	-	All	All	All
Hardware	Belden	Hirschmann Mach4002-48g-l3e	-	All	All	All
Hardware	Belden	Hirschmann Mach4002-48g-l3e	-	All	All	All
Hardware	Belden	Hirschmann Mach4002-48g-l3p	-	All	All	All
Hardware	Belden	Hirschmann Mach4002-48g-l3p	-	All	All	All
Hardware	Belden	Hirschmann Mach4002-48g 3x-l2p	-	All	All	All
Hardware	Belden	Hirschmann Mach4002-48g 3x-l2p	-	All	All	All
Hardware	Belden	Hirschmann Mach4002-48g 3x-l3e	-	All	All	All

Hardware	Belden	Hirschmann Mach4002-48g 3x-l3e	-	All	All	All
Hardware	Belden	Hirschmann Mach4002-48g 3x-l3p	-	All	All	All
Hardware	Belden	Hirschmann Mach4002-48g 3x-l3p	-	All	All	All
Hardware	Belden	Hirschmann Ms20-0800eccp	-	All	All	All
Hardware	Belden	Hirschmann Ms20-0800eccp	-	All	All	All
Hardware	Belden	Hirschmann Ms20-0800saae	-	All	All	All
Hardware	Belden	Hirschmann Ms20-0800saae	-	All	All	All
Hardware	Belden	Hirschmann Ms20-0800saap	-	All	All	All
Hardware	Belden	Hirschmann Ms20-0800saap	-	All	All	All
Hardware	Belden	Hirschmann Ms20-1600eccp	-	All	All	All
Hardware	Belden	Hirschmann Ms20-1600eccp	-	All	All	All
Hardware	Belden	Hirschmann Ms20-1600saae	-	All	All	All
Hardware	Belden	Hirschmann Ms20-1600saae	-	All	All	All
Hardware	Belden	Hirschmann Ms20-1600saap	-	All	All	All
Hardware	Belden	Hirschmann Ms20-1600saap	-	All	All	All
Hardware	Belden	Hirschmann Ms30-0802saae	-	All	All	All
Hardware	Belden	Hirschmann Ms30-0802saae	-	All	All	All
Hardware	Belden	Hirschmann Ms30-0802saap	-	All	All	All
Hardware	Belden	Hirschmann Ms30-0802saap	-	All	All	All
Hardware	Belden	Hirschmann Ms30-1602saae	-	All	All	All
Hardware	Belden	Hirschmann Ms30-1602saae	-	All	All	All
Hardware	Belden	Hirschmann Octopus 16m	-	All	All	All
Hardware	Belden	Hirschmann Octopus 16m	-	All	All	All
Hardware	Belden	Hirschmann Octopus 16m-8poe	-	All	All	All
Hardware	Belden	Hirschmann Octopus 16m-8poe	-	All	All	All
Hardware	Belden	Hirschmann Octopus 16m-train	-	All	All	All
Hardware	Belden	Hirschmann Octopus 16m-train	-	All	All	All
Hardware	Belden	Hirschmann Octopus 16m-train-bp	-	All	All	All
Hardware	Belden	Hirschmann Octopus 16m-train-bp	-	All	All	All
Hardware	Belden	Hirschmann Octopus 24m	-	All	All	All
Hardware	Belden	Hirschmann Octopus 24m	-	All	All	All
Hardware	Belden	Hirschmann Octopus 24m-8 Poe	-	All	All	All
Hardware	Belden	Hirschmann Octopus 24m-8 Poe	-	All	All	All
Hardware	Belden	Hirschmann Octopus 24m-train	-	All	All	All
Hardware	Belden	Hirschmann Octopus 24m-train	-	All	All	All
Hardware	Belden	Hirschmann Octopus 24m-train-bp	-	All	All	All

Hardware	Belden	Hirschmann Octopus 24m-train-bp	-	All	All	All
Hardware	Belden	Hirschmann Octopus 5tx Eec	-	All	All	All
Hardware	Belden	Hirschmann Octopus 5tx Eec	-	All	All	All
Hardware	Belden	Hirschmann Octopus 8m	-	All	All	All
Hardware	Belden	Hirschmann Octopus 8m	-	All	All	All
Hardware	Belden	Hirschmann Octopus 8m-6poe	-	All	All	All
Hardware	Belden	Hirschmann Octopus 8m-6poe	-	All	All	All
Hardware	Belden	Hirschmann Octopus 8m-8poe	-	All	All	All
Hardware	Belden	Hirschmann Octopus 8m-8poe	-	All	All	All
Hardware	Belden	Hirschmann Octopus 8m-train	-	All	All	All
Hardware	Belden	Hirschmann Octopus 8m-train	-	All	All	All
Hardware	Belden	Hirschmann Octopus 8m-train-bp	-	All	All	All
Hardware	Belden	Hirschmann Octopus 8m-train-bp	-	All	All	All
Hardware	Belden	Hirschmann Octopus 8tx-eec	-	All	All	All
Hardware	Belden	Hirschmann Octopus 8tx-eec	-	All	All	All
Hardware	Belden	Hirschmann Octopus 8tx Poe-eec	-	All	All	All
Hardware	Belden	Hirschmann Octopus 8tx Poe-eec	-	All	All	All
Hardware	Belden	Hirschmann Octopus Os20-000900t5t5tafbhh	-	All	All	All
Hardware	Belden	Hirschmann Octopus Os20-000900t5t5tafbhh	-	All	All	All
Hardware	Belden	Hirschmann Octopus Os20-000900t5t5tnebh	-	All	All	All
Hardware	Belden	Hirschmann Octopus Os20-000900t5t5tnebh	-	All	All	All
Hardware	Belden	Hirschmann Octopus Os20-0010001m1mtrephh	-	All	All	All
Hardware	Belden	Hirschmann Octopus Os20-0010001m1mtrephh	-	All	All	All
Hardware	Belden	Hirschmann Octopus Os20-0010001s1strephh	-	All	All	All
Hardware	Belden	Hirschmann Octopus Os20-0010001s1strephh	-	All	All	All
Hardware	Belden	Hirschmann Octopus Os20-0010004m4mtrephh	-	All	All	All
Hardware	Belden	Hirschmann Octopus Os20-0010004m4mtrephh	-	All	All	All
Hardware	Belden	Hirschmann Octopus Os20-0010004s4strephh	-	All	All	All
Hardware	Belden	Hirschmann Octopus Os20-0010004s4strephh	-	All	All	All
Hardware	Belden	Hirschmann Octopus Os20-001000t5t5tafuhb	-	All	All	All
Hardware	Belden	Hirschmann Octopus Os20-001000t5t5tafuhb	-	All	All	All
Hardware	Belden	Hirschmann Octopus Os20-001000t5t5tneuhb	-	All	All	All
Hardware	Belden	Hirschmann Octopus Os20-001000t5t5tneuhb	-	All	All	All
Hardware	Belden	Hirschmann Octopus Os24-080900t5t5tffbhh	-	All	All	All
Hardware	Belden	Hirschmann Octopus Os24-080900t5t5tffbhh	-	All	All	All

Hardware	Belden	Hirschmann Octopus Os24-080900t5t5tnebh	-	All	All	All
Hardware	Belden	Hirschmann Octopus Os24-080900t5t5tnebh	-	All	All	All
Hardware	Belden	Hirschmann Octopus Os24-081000t5t5tffuhb	-	All	All	All
Hardware	Belden	Hirschmann Octopus Os24-081000t5t5tffuhb	-	All	All	All
Hardware	Belden	Hirschmann Octopus Os24-081000t5t5tneuhb	-	All	All	All
Hardware	Belden	Hirschmann Octopus Os24-081000t5t5tneuhb	-	All	All	All
Hardware	Belden	Hirschmann Octopus Os30	-	All	All	All
Hardware	Belden	Hirschmann Octopus Os30	-	All	All	All
Hardware	Belden	Hirschmann Octopus Os30-0008021a1atrephh	-	All	All	All
Hardware	Belden	Hirschmann Octopus Os30-0008021a1atrephh	-	All	All	All
Hardware	Belden	Hirschmann Octopus Os30-0008021b1btrep	-	All	All	All
Hardware	Belden	Hirschmann Octopus Os30-0008021b1btrep	-	All	All	All
Hardware	Belden	Hirschmann Octopus Os30-0008024a4atrephh	-	All	All	All
Hardware	Belden	Hirschmann Octopus Os30-0008024a4atrephh	-	All	All	All
Hardware	Belden	Hirschmann Octopus Os30-0008024b4btrep	-	All	All	All
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Hardware	Belden	Hirschmann Octopus Os32-080802o6o6tpephh	-	All	All	All
Hardware	Belden	Hirschmann Octopus Os32-080802o6o6tpephh	-	All	All	All
Hardware	Belden	Hirschmann Octopus Os32-080802t6t6tpephh	-	All	All	All
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Hardware	Belden	Hirschmann Octopus Os34	-	All	All	All
Hardware	Belden	Hirschmann Octopus Os34	-	All	All	All
Hardware	Belden	Hirschmann Octopus Os3x-xx16xxx	-	All	All	All
Hardware	Belden	Hirschmann Octopus Os3x-xx16xxx	-	All	All	All
Hardware	Belden	Hirschmann Octopus Os3x-xx24xxx	-	All	All	All
Hardware	Belden	Hirschmann Octopus Os3x-xx24xxx	-	All	All	All
Hardware	Belden	Hirschmann Rs20-0900mmm2tdau	-	All	All	All
Hardware	Belden	Hirschmann Rs20-0900mmm2tdau	-	All	All	All
Hardware	Belden	Hirschmann Rs20-0900nnm4tdau	-	All	All	All
Hardware	Belden	Hirschmann Rs20-0900nnm4tdau	-	All	All	All
Hardware	Belden	Hirschmann Rs20-0900vmm2tdau	-	All	All	All
Hardware	Belden	Hirschmann Rs20-0900vmm2tdau	-	All	All	All





Hardware	Belden	Hirschmann Rsb20-0900vvm2taab	-	All	All	All
Hardware	Belden	Hirschmann Rsb20-0900vvm2taab	-	All	All	All
Hardware	Belden	Hirschmann Rsb20-0900vvm2taabe	-	All	All	All
Hardware	Belden	Hirschmann Rsb20-0900vvm2taab	-	All	All	All
Hardware	Belden	Hirschmann Rsb20-0900zzz6saab	-	All	All	All
Hardware	Belden	Hirschmann Rsb20-0900zzz6saab	-	All	All	All
Hardware	Belden	Hirschmann Rsb20-0900zzz6saabe	-	All	All	All
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Hardware	Belden	Hirschmann Rsb20-0900zzz6taab	-	All	All	All
Hardware	Belden	Hirschmann Rsb20-0900zzz6taab	-	All	All	All
Hardware	Belden	Hirschmann Rsb20-0900zzz6taabe	-	All	All	All
Hardware	Belden	Hirschmann Rsb20-0900zzz6taabe	-	All	All	All
Hardware	Belden	Hirschmann Rsr20	-	All	All	All
Hardware	Belden	Hirschmann Rsr20	-	All	All	All
Hardware	Belden	Hirschmann Rsr30	-	All	All	All
Hardware	Belden	Hirschmann Rsr30	-	All	All	All

## References

Reference	Source	Link	Tags
Hirschmann Automation and Control GmbH Classic Platform Switches   CISA	MISC	<a href="https://ics-cert.us-cert.gov">ics-cert.us-cert.gov</a>	Mitigation, Third Party
Multiple Belden Products Multiple Security Vulnerabilities	BID	<a href="https://www.securityfocus.com">www.securityfocus.com</a>	Third Party Advisory, \
CVE Program record	CVE.ORG	<a href="https://www.cve.org">www.cve.org</a>	canonical
NVD vulnerability detail	NVD	<a href="https://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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