



Unsigned upgrade package

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF](#)

Summary

CVE	CVE-2025-47904
State	PUBLISHED
Assigner	Microchip
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-02-24 16:24:06 UTC
Updated	2026-03-31 11:16:13 UTC
Description	Download of Code Without Integrity Check vulnerability in Microchip Time Provider 4100 allows Malicious Manual Software

Risk And Classification

Primary CVSS: v4.0 5.7 MEDIUM from dc3f6da9-85b5-4a73-84a2-2ec90b40fca5

CVSS:4.0/AV:L/AC:H/AT:P/PR:H/UI:N/VC:L/VI:H/VA:L/SC:L/SI:L/SA:L/E:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MAT:X/MPR:X/MUI:X/MVC:X/MVI:X/MVA:X/MSX/MSI:X/MSA:X/S:X/AU:X/R:X/V:X/RE:X/U:X

EPSS: 0.000040000 probability, percentile 0.001950000 (date 2026-04-01)

Problem Types: CWE-494 | CWE-494 CWE-494 Download of Code Without Integrity Check

Version	Source	Type	Score	Severity	Vector
4.0	dc3f6da9-85b5-4a73-84a2-2ec90b40fca5	Secondary	5.7	MEDIUM	CVSS:4.0/AV:L/AC:H/AT:P/PR:H/UI:N/VC:L/VI:H/VA:L/SC:L/SI:L/SA:L/E:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MAT:X/MPR:X/MUI:X/MVC:X/MVI:X/MVA:X/MSX/MSI:X/MSA:X/S:X/AU:X/R:X/V:X/RE:X/U:X
4.0	CNA	CVSS	5.7	MEDIUM	CVSS:4.0/AV:L/AC:H/AT:P/PR:H/UI:N/VC:L/VI:H/VA:L/SC:L/SI:L/SA:L/E:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MAT:X/MPR:X/MUI:X/MVC:X/MVI:X/MVA:X/MSX/MSI:X/MSA:X/S:X/AU:X/R:X/V:X/RE:X/U:X
3.1	nvd@nist.gov	Primary	4.1	MEDIUM	CVSS:3.1/AV:L/AC:H/PR:H/UI:N/S:U/C:N/I:H/A:N

CVSS v4.0 Breakdown

Attack Vector

Local

Attack Complexity

High

Attack Requirements

Present

Privileges Required

High

User Interaction

None

Confidentiality

Confidentiality

Low

Integrity

High

Availability

Low

Sub Conf.

Low

Sub Integrity

Low

Sub Availability

Low

CVSS:4.0/AV:L/AC:H/AT:P/PR:H/UI:N/VC:L/VI:H/VA:L/SC:L/SI:L/SA:L/E:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MAT:X/MPR:X/MUI:X/MVC:X/MVI:X/MVA:X/MSG:X/MSI:X/MSA:X/S:X/AU:X/R:X/V:X/RE:X/U:X

CVSS v3.1 Breakdown

Attack Vector

Local

Attack Complexity

High

Privileges Required

High

User Interaction

None

Scope

Unchanged

Confidentiality

None

Integrity

High

Availability

None

CVSS:3.1/AV:L/AC:H/PR:H/UI:N/S:U/C:N/I:H/A:N

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware	Microchip	Timeprovider 4100	-	All	All	All
Operating System	Microchip	Timeprovider 4100 Firmware	All	All	All	All

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Microchip	Time Provider 4100	affected 2.5 version	Not specified

References

Reference	Source	Link
www.gruppotim.it/en/footer/TIM-red-team.html	dc3f6da9-85b5-4a73-84a2-2ec90b40fca5	www.gruppotim.it/en/footer/TIM-red-team.html
www.microchip.com/en-us/solutions/technologies/embedded-security/how-to-report-a-vulnerability	dc3f6da9-85b5-4a73-84a2-2ec90b40fca5	www.microchip.com/en-us/solutions/technologies/embedded-security/how-to-report-a-vulnerability
CVE Program record	CVE.ORG	www.cve.org
NVD vulnerability detail	NVD	nvd.nist.gov

Vendor Comments And Credit

Discovery Credit

CNA: Dario Emilio Bertani (en)

CNA: Raffaele Bova (en)

CNA: Andrea Sindoni (en)

CNA: Simone Bossi (en)

CNA: Antonio Carriero (en)

CNA: Marco Manieri (en)

CNA: Vito Pistillo (en)

CNA: Davide Renna (en)

CNA: Manuel Leone (en)

CNA: Massimiliano Brolli (en)

CNA: TIM Security Red Team Research (TIM S.p.A) (en)

Additional Advisory Data

Source	Time	Event
CNA	2025-04-14T22:00:00.000Z	Reported

Workarounds

CNA: Upgrades are only available on a separate management port which should not be connected to an untrusted network. ACLs are available to further restrict access to only trusted addresses.

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

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