CVE-2021-20826

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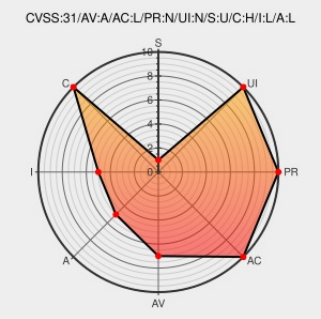
Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



Certain versions of Data File Manager from Idec contain the following vulnerability:

Unprotected transport of credentials vulnerability in IDEC PLCs (FC6A Series MICROSmart All-in-One CPU module v2.32 and earlier, FC6A Series MICROSmart Plus CPU module v1.91 and earlier, WindLDR v8.19.1 and earlier, WindEDIT Lite v1.3.1 and earlier, and Data File Manager v2.12.1 and earlier) allows an attacker to obtain the PLC Web server user credentials from the communication between the PLC and the software. As a result, the complete access privileges to the PLC Web server may be obtained, and manipulation of the PLC output and/or suspension of the PLC may be conducted.

CVE-2021-20826 has been assigned by vultures@jpcert.or.jp to track the vulnerability - currently rated as HIGH severity.

Affected Vendor/Software: **IDEC Corporation** - **IDEC PLC** version **FC6A Series MICROSmart All-in-One CPU module v2.32 and earlier, FC6A Series MICROSmart Plus CPU module v1.91 and earlier, WindLDR v8.19.1 and earlier, WindEDIT Lite v1.3.1 and earlier, and Data File Manager v2.12.1 and earlier**

CVSS3 Score: 7.6 - HIGH

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

CVSS2 Score: 3.3 - LOW

Access Vector	Access Complexity	Authentication
ADJACENT_NETWORK	LOW	NONE
Confidentiality Impact	**Integrity Impact**	**Availability Impact**
PARTIAL	NONE	NONE

CVE References

Description	Tags	Link
JVNVU#92279973: Multiple vulnerabilities in IDEC PLCs	jvn.jp text/xml	MISC jvn.jp/en/vu/JVNVU92279973/index.html
	www.idec.com application/pdf	MISC www.idec.com/home/lp/pdf/2021-12-24-PLC.pdf

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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
Application	Idec	Data File Manager	All	All	All	All
Hardware	Idec	Microsmart Fc6a	-	All	All	All
Operating System	Idec	Microsmart Fc6a Firmware	All	All	All	All
Hardware	Idec	Microsmart Plus Fc6a	-	All	All	All
Operating System	Idec	Microsmart Plus Fc6a Firmware	All	All	All	All
Application	Idec	Windedit	All	All	All	All
Application	Idec	Windldr	All	All	All	All

cpe:2.3:a:idec:data_file_manager:*:*:*:*:*:*:*:*:

cpe:2.3:h:idec:microsmart_fc6a:-:*:*:*:*:*:*:*:

cpe:2.3:o:idec:microsmart_fc6a_firmware:*:*:*:*:*:*:*:*:

cpe:2.3:h:idec:microsmart_plus_fc6a:-:*:*:*:*:*:*:*:

cpe:2.3:o:idec:microsmart_plus_fc6a_firmware:*:*:*:*:*:*:*:*:

cpe:2.3:a:idec:windedit:*:*:*:*:*:*:*:*:

cpe:2.3:a:idec:windldr:*:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)

@CVEreport	CVE-2021-20826 : Unprotected transport of credentials vulnerability in IDEC PLCs FC6A Series MICROSmart All-in-One… twitter.com/i/web/status/1…	2021-12-24 06:35:12
@SecRiskRptSME	RT: CVE-2021-20826 Unprotected transport of credentials vulnerability in IDEC PLCs (FC6A Series MICROSmart All-in-… twitter.com/i/web/status/1…	2021-12-24 08:33:38
/r/netcve	CVE-2021-20826	2021-12-24 07:38:28

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