

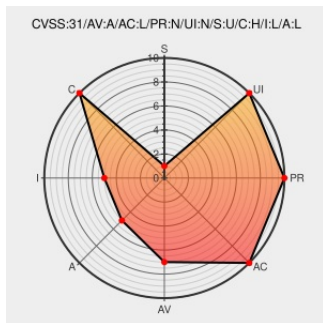


CVE-2021-20826

Published on: 12/24/2021 12:00:00 AM UTC

Last Modified on: 01/11/2022 06:18:00 PM UTC

CVE-2021-20826

[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

By selecting these links, you may be leaving CVEreport webspace. We have provided these links to other websites because they may have information that would be of interest to you. No inferences should be drawn on account of other sites being referenced, or not, from this page. There may be other websites that are more appropriate for your purpose. CVEreport does not necessarily endorse the views expressed, or concur with the facts presented on these sites. Further, CVEreport does not endorse any commercial products that may be mentioned on these sites. Please address comments about any linked pages to comment@cve.report.

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

[← Previous ID](#)

[Next ID →](#)

© [CVE.report](#) 2023   |

Use of this information constitutes acceptance for use in an AS IS condition. There are NO warranties, implied or otherwise, with regard to this information or its use. Any use of this information is at the user's risk. It is the responsibility of user to evaluate the accuracy, completeness or usefulness of any information, opinion, advice or other content. EACH USER WILL BE SOLELY RESPONSIBLE FOR ANY consequences of his or her direct or indirect use of this web site. ALL WARRANTIES OF ANY KIND ARE EXPRESSLY DISCLAIMED. This site will NOT BE LIABLE FOR ANY DIRECT, INDIRECT or any other kind of loss.

CVE, CWE, and OVAL are registered trademarks of [The MITRE Corporation](#) and the authoritative source of CVE content is [MITRE's CVE web site](#). This site includes MITRE data granted under the following [license](#).

CVE.report and Source URL Uptime Status [status.cve.report](#)