



CVE-2013-2823

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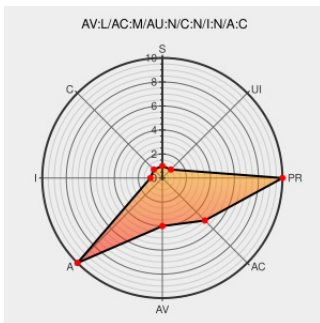
CVE-2013-2823

[Source: Mitre](#)

[Source: NIST](#)

[CVE.ORG](#)

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Certain versions of [Catapult Dnp3 I/o Driver](#) from [Catapultsoftware](#) contain the following vulnerability:

The (1) Catapult DNP3 I/O driver before 7.2.0.60 and the (2) GE Intelligent Platforms Proficy DNP3 I/O driver before 7.20k, as used in DNPDrv.exe (aka the DNP master station server) in GE Intelligent Platforms Proficy HMI/SCADA - CIMPLICITY and iFIX, allow physically proximate attackers to cause a denial of service (infinite loop) via crafted input over a serial line.

CVE-2013-2823 has been assigned by [@ics-cert@hq.dhs.gov](#) to track the vulnerability

CVSS2 Score: **4.7 - MEDIUM**

Access Vector

LOCAL

Access Complexity

MEDIUM

Authentication

NONE

Confidentiality Impact

NONE

Integrity Impact

NONE

Availability Impact

COMPLETE

CVE References

Description

Tags

Link

No Description Provided

[Vendor Advisory](#)
[support.ge-ip.com](#)
[text/html](#)

[CONFIRM support.ge-ip.com/support/index?page=kbchannel&id=S:KB15805](#)

Catapult Software
DNP3 Driver Improper
Input Validation | ICS-
CERT

[US Government Resource](#)
[ics-cert.us-cert.gov](#)
[text/html](#)

[MISC ics-cert.us-cert.gov/advisories/ICSA-13-297-01](#)

GE Proficy DNP3
Improper Input
Validation | ICS-CERT

[US Government Resource](#)
[ics-cert.us-cert.gov](#)
[text/html](#)

[MISC ics-cert.us-cert.gov/advisories/ICSA-13-297-02](#)

GE Digital Customer

[Vendor Advisory](#)

[CONFIRM support.ge-](#)

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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	Catapultsoftware	Catapult Dnp3 I/o Driver	All	All	All	All
Application	Catapultsoftware	Catapult Dnp3 I/o Driver	All	All	All	All
Application	Ge	Intelligent Platforms Proficy Dnp3 I/o Driver	7.20	-	All	All
Application	Ge	Intelligent Platforms Proficy Dnp3 I/o Driver	7.20	a	All	All
Application	Ge	Intelligent Platforms Proficy Dnp3 I/o Driver	7.20	b	All	All
Application	Ge	Intelligent Platforms Proficy Dnp3 I/o Driver	7.20	c	All	All
Application	Ge	Intelligent Platforms Proficy Dnp3 I/o Driver	7.20	d	All	All
Application	Ge	Intelligent Platforms Proficy Dnp3 I/o Driver	7.20	e	All	All
Application	Ge	Intelligent Platforms Proficy Dnp3 I/o Driver	7.20	f	All	All
Application	Ge	Intelligent Platforms Proficy Dnp3 I/o Driver	7.20	g	All	All
Application	Ge	Intelligent Platforms Proficy Dnp3 I/o Driver	7.20	h	All	All
Application	Ge	Intelligent Platforms Proficy Dnp3 I/o Driver	7.20	i	All	All
Application	Ge	Intelligent Platforms Proficy Dnp3 I/o Driver	All	j	All	All
Application	Ge	Intelligent Platforms Proficy Dnp3 I/o Driver	7.20	-	All	All
Application	Ge	Intelligent Platforms Proficy Dnp3 I/o Driver	7.20	a	All	All
Application	Ge	Intelligent Platforms Proficy Dnp3 I/o Driver	7.20	b	All	All
Application	Ge	Intelligent Platforms Proficy Dnp3 I/o Driver	7.20	c	All	All
Application	Ge	Intelligent Platforms Proficy Dnp3 I/o Driver	7.20	d	All	All
Application	Ge	Intelligent Platforms Proficy Dnp3 I/o Driver	7.20	e	All	All
Application	Ge	Intelligent Platforms Proficy Dnp3 I/o Driver	7.20	f	All	All
Application	Ge	Intelligent Platforms Proficy Dnp3 I/o Driver	7.20	g	All	All
Application	Ge	Intelligent Platforms Proficy Dnp3 I/o Driver	7.20	h	All	All
Application	Ge	Intelligent Platforms Proficy Dnp3 I/o Driver	7.20	i	All	All
Application	Ge	Intelligent Platforms Proficy Dnp3 I/o Driver	7.20	-	All	All
Application	Ge	Intelligent Platforms Proficy Dnp3 I/o Driver	7.20	a	All	All

Application	Ge	Intelligent Platforms Proficy Dnp3 I/o Driver	7.20	b	All	All
Application	Ge	Intelligent Platforms Proficy Dnp3 I/o Driver	7.20	c	All	All
Application	Ge	Intelligent Platforms Proficy Dnp3 I/o Driver	7.20	d	All	All
Application	Ge	Intelligent Platforms Proficy Dnp3 I/o Driver	7.20	e	All	All
Application	Ge	Intelligent Platforms Proficy Dnp3 I/o Driver	7.20	f	All	All
Application	Ge	Intelligent Platforms Proficy Dnp3 I/o Driver	7.20	g	All	All
Application	Ge	Intelligent Platforms Proficy Dnp3 I/o Driver	7.20	h	All	All
Application	Ge	Intelligent Platforms Proficy Dnp3 I/o Driver	7.20	i	All	All
Application	Ge	Intelligent Platforms Proficy Dnp3 I/o Driver	All	j	All	All
Application	Ge	Intelligent Platforms Proficy Hmi/scada Cimplicity	4.01	All	All	All
Application	Ge	Intelligent Platforms Proficy Hmi/scada Cimplicity	7.5	All	All	All
Application	Ge	Intelligent Platforms Proficy Hmi/scada Cimplicity	8.0	All	All	All
Application	Ge	Intelligent Platforms Proficy Hmi/scada Cimplicity	8.1	All	All	All
Application	Ge	Intelligent Platforms Proficy Hmi/scada Cimplicity	8.2	All	All	All
Application	Ge	Intelligent Platforms Proficy Hmi/scada Ifix	5.0	All	All	All
Application	Ge	Intelligent Platforms Proficy Hmi/scada Ifix	5.1	All	All	All
Application	Ge	Intelligent Platforms Proficy Hmi/scada Cimplicity	4.01	All	All	All
Application	Ge	Intelligent Platforms Proficy Hmi/scada Cimplicity	7.5	All	All	All
Application	Ge	Intelligent Platforms Proficy Hmi/scada Cimplicity	8.0	All	All	All
Application	Ge	Intelligent Platforms Proficy Hmi/scada Cimplicity	8.1	All	All	All
Application	Ge	Intelligent Platforms Proficy Hmi/scada Cimplicity	8.2	All	All	All
Application	Ge	Intelligent Platforms Proficy Hmi/scada Cimplicity	4.01	All	All	All
Application	Ge	Intelligent Platforms Proficy Hmi/scada Cimplicity	7.5	All	All	All
Application	Ge	Intelligent Platforms Proficy Hmi/scada Cimplicity	8.0	All	All	All
Application	Ge	Intelligent Platforms Proficy Hmi/scada Cimplicity	8.1	All	All	All
Application	Ge	Intelligent Platforms Proficy Hmi/scada Cimplicity	8.2	All	All	All
Application	Ge	Intelligent Platforms Proficy Hmi/scada Ifix	5.0	All	All	All
Application	Ge	Intelligent Platforms Proficy Hmi/scada Ifix	5.1	All	All	All
Application	Ge	Intelligent Platforms Proficy Hmi/scada Ifix	5.0	All	All	All
Application	Ge	Intelligent Platforms Proficy Hmi/scada Ifix	5.1	All	All	All
cpe:2.3:a:catapultsoftware:catapult_dnp3_i/o_driver:*****:*						
cpe:2.3:a:catapultsoftware:catapult_dnp3_iVo_driver:*****:*						
cpe:2.3:a:ge:intelligent_platforms_proficy_dnp3_i/o_driver:7.20:-:*****:*						
cpe:2.3:a:ge:intelligent_platforms_proficy_dnp3_i/o_driver:7.20:a:*****:*						

```
cpe:2.3:a:ge:intelligent_platforms_proficiency_dnp3_i/o_driver:7.20:b:*:*:*:*:
```

```
cpe:2.3:a:ge:intelligent_platforms_proficy_dnp3_i/o_driver:7.20:c:*.***.***:
```

```
cpe:2.3:a:ge:intelligent_platforms_proficy_dnp3_i/o_driver:7.20:d:*:*:*:*:
```

```
cpe:2.3:a:ge:intelligent_platforms_proficiency_dnp3_i/o_driver:7.20:e:*:*:*:*:
```

```
cpe:2.3:a:ge:intelligent_platforms_proficy_dnp3_i/o_driver:7.20:f:*:*:*:*:
```

```
cpe:2.3:a:ge:intelligent_platforms_proficiency_dnp3_i/o_driver:7.20:g:*.***.***:
```

```
cpe:2.3:a:ge:intelligent_platforms_proficy_dnp3_i/o_driver:7.20:h:***:***:
```

```
cpe:2.3:a:ge:intelligent_platforms_proficy_dnp3_i/o_driver:7.20:i:*:*:*:*:
```

```
cpe:2.3:a:ge:intelligent_platforms_proficy_dnp3_i/o_driver:*:*:*:*:*:
```

```
cpe:2.3:a:ge:intelligent_platforms_proficy_dnp3_iVo_driver:7.20:-:*:*:*:*:
```

```
cpe:2.3:a:ge:intelligent_platforms_proficy_dnp3_iVo_driver:7.20:a:*:*:*:*:
```

```
cpe:2.3:a:ge:intelligent_platforms_proficy_dnp3_i/o_driver:7.20:b:*.***.***:
```

```
cpe:2.3:a:ge:intelligent_platforms_proficy_dnp3_iVo_driver:7.20:c:*:*:*:*:
```

```
cpe:2.3:a:ge:intelligent_platforms_proficy_dnp3_iVo_driver:7.20:d:*:*:*:*:
```

```
cpe:2.3:a:ge:intelligent_platforms_proficy_dnp3_iVo_driver:7.20:e:*:*:*:*:
```

```
cpe:2.3:a:ge:intelligent_platforms_proficy_dnp3_iVo_driver:7.20:f:*:*:*:*:
```

```
cpe:2.3:a:ge:intelligent_platforms_proficy_dnp3_iVo_driver:7.20:g:*.***.***:
```

```
cpe:2.3:a:ge:intelligent_platforms_proficy_dnp3_iVo_driver:7.20:h:*.***:***:
```

```
cpe:2.3:a:ge:intelligent_platforms_proficy_dnp3_iVo_driver:7.20:i:*.***.***:
```

```
cpe:2.3:a:ge:intelligent_platforms_proficy_dnp3_iVo_driver:7.20:-:*:*:*:*:
```

```
cpe:2.3:a:ge:intelligent_platforms_proficy_dnp3_iVo_driver:7.20:a:*.***.***:
```

```
cpe:2.3:a:ge:intelligent_platforms_proficiency_dnp3_iVo_driver:7.20:b:****.*:
```

```
cpe:2.3:a:ge:intelligent_platforms_proficy_dnp3_iVo_driver:7.20:c:*.***.***:
```

```
cpe:2.3:a:ge:intelligent_platforms_proficy_dnp3_iVo_driver:7.20:d:*:*:*:*:
```

```
cpe:2.3:a:ge:intelligent platforms proficy dnp3 iVo driver:7.20:e::*:*.***:
```

```
cpe:2.3:a:ge:intelligent_platforms_proficy_dnp3_iVo_driver:7.20:f::*:*:*:*
```

```
cpe:2.3:a:ge:intelligent_platforms_proficy_dnp3_iVo_driver:7.20:g:*.***.***:
```

```
cpe:2.3:a:ge:intelligent platforms proficy dnp3 i/o driver:7.20:h:***:***:
```

```
cpe:2.3:a:ge:intelligent platforms proficy dnp3 iVo driver:7.20:i:*.~.*.*.*.*:
```

cpe:2.3:a:ge:intelligent_platforms_proficy_dnp3_iVo_driver:*:*:*:*:*:
cpe:2.3:a:ge:intelligent_platforms_proficy_hmi/scada_cimplicity:4.01:*:*:*:*:*:
cpe:2.3:a:ge:intelligent_platforms_proficy_hmi/scada_cimplicity:7.5:*:*:*:*:*:
cpe:2.3:a:ge:intelligent_platforms_proficy_hmi/scada_cimplicity:8.0:*:*:*:*:*:
cpe:2.3:a:ge:intelligent_platforms_proficy_hmi/scada_cimplicity:8.1:*:*:*:*:*:
cpe:2.3:a:ge:intelligent_platforms_proficy_hmi/scada_cimplicity:8.2:*:*:*:*:*:
cpe:2.3:a:ge:intelligent_platforms_proficy_hmi/scada_ifix:5.0:*:*:*:*:*:
cpe:2.3:a:ge:intelligent_platforms_proficy_hmi/scada_ifix:5.1:*:*:*:*:*:
cpe:2.3:a:ge:intelligent_platforms_proficy_hmi\scada_cimplicity:4.01:*:*:*:*:*:
cpe:2.3:a:ge:intelligent_platforms_proficy_hmi\scada_cimplicity:7.5:*:*:*:*:*:
cpe:2.3:a:ge:intelligent_platforms_proficy_hmi\scada_cimplicity:8.0:*:*:*:*:*:
cpe:2.3:a:ge:intelligent_platforms_proficy_hmi\scada_cimplicity:8.1:*:*:*:*:*:
cpe:2.3:a:ge:intelligent_platforms_proficy_hmi\scada_cimplicity:8.2:*:*:*:*:*:
cpe:2.3:a:ge:intelligent_platforms_proficy_hmi\scada_cimplicity:4.01:*:*:*:*:*:
cpe:2.3:a:ge:intelligent_platforms_proficy_hmi\scada_cimplicity:7.5:*:*:*:*:*:
cpe:2.3:a:ge:intelligent_platforms_proficy_hmi\scada_cimplicity:8.0:*:*:*:*:*:
cpe:2.3:a:ge:intelligent_platforms_proficy_hmi\scada_cimplicity:8.1:*:*:*:*:*:
cpe:2.3:a:ge:intelligent_platforms_proficy_hmi\scada_cimplicity:8.2:*:*:*:*:*:
cpe:2.3:a:ge:intelligent_platforms_proficy_hmi\scada_ifix:5.0:*:*:*:*:*:
cpe:2.3:a:ge:intelligent_platforms_proficy_hmi\scada_ifix:5.1:*:*:*:*:*:
cpe:2.3:a:ge:intelligent_platforms_proficy_hmi\scada_ifix:5.0:*:*:*:*:*:
cpe:2.3:a:ge:intelligent_platforms_proficy_hmi\scada_ifix:5.1:*:*:*:*:*:

No vendor comments have been submitted for this CVE

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