



CVE-2011-3386

Published on: 09/02/2011 12:00:00 AM UTC

Last Modified on: 03/23/2021 11:23:12 PM UTC

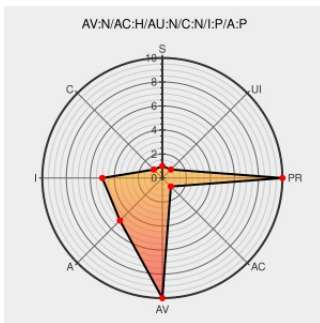
CVE-2011-3386

[Source: Mitre](#)

[Source: NIST](#)

[CVE.ORG](#)

[Print: PDF](#)



Certain versions of [Paradigm Wireless Insulin Pump](#) from [Medtronic](#) contain the following vulnerability:

Unspecified vulnerability in Medtronic Paradigm wireless insulin pump 512, 522, 712, and 722 allows remote attackers to modify the delivery of an insulin bolus dose and cause a denial of service (adverse human health effects) via unspecified vectors involving wireless communications and knowledge of the device's serial number, as

demonstrated by Jerome Radcliffe at the Black Hat USA conference in August 2011. NOTE: the vendor has disputed the severity of this issue, saying "we believe the risk of deliberate, malicious, or unauthorized manipulation of medical devices is extremely low... we strongly believe it would be extremely difficult for a third-party to wirelessly tamper with your insulin pump... you would be able to detect tones on the insulin pump that weren't intentionally programmed and could intervene accordingly."

CVE-2011-3386 has been assigned by [M](#) cve@mitre.org to track the vulnerability

CVSS2 Score: **4 - MEDIUM**

**Access
Vector**

NETWORK

**Access
Complexity**

HIGH

Authentication

NONE

**Confidentiality
Impact**

NONE

**Integrity
Impact**

PARTIAL

**Availability
Impact**

PARTIAL

CVE References

Description

Tags

Link

Hackers can kill
Diabetics with Insulin
Pumps from a half
mile away - Um, no.
Facts vs. Journalistic
Fear mongering -

[www.hanselman.com
text/html](http://www.hanselman.com/text/html)



MISC

www.hanselman.com/blog/HackersCanKillDiabeticsWithInsulinPumpsFromAHalfMile/

Scott Hanselman

IBM X-Force
Exchange

exchange.xforce.ibmcloud.com
text/html

 [XF paradigm-insulin-pump-dos\(69643\)](#)

Black Hat: Insulin pumps can be hacked
- SC Magazine US

[www.scmagazineus.com](http://www.scmagazineus.com/text/html)
[text/html](#)

 MISC www.scmagazineus.com/black-hat-insulin-pumps-can-be-hacked/article/209

No Description Provided

www.loop-blog.com

MISC www.loop-blog.com/Blog_Full_Post?id=a09C000000Dbz3JIAR

Inactive Link Not Archived

No Description Provided

[www.darkreading.com](http://www.darkreading.com/text/html)
[text/html](#)

DR MISC www.darkreading.com/security/vulnerabilities/231300312/getting-root-on-the

Six Until Me.: Hacked: Jay Radcliffe, Insulin Pumps, and Diabetes Sensationalism.

sixuntilme.com
text/html

MISC sixuntilme.com/blog2/2011/08/hacked_jay_radcliffe_insulin_p.html

Insulin Pump Hack
Controversy Grows -
Security -
Vulnerabilities and
threats -
Informationweek

[www.informationweek.com](http://www.informationweek.com/text/html)
[text/html](#)

MISC www.informationweek.com/news/security/vulnerabilities/231600265

Insulin Pumps Vulnerable To Hacking | Fox News

www.foxnews.com
text/html

MISC www.foxnews.com/scitech/2011/08/04/insulin-pumps-vulnerable-to-hacking/

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
Hardware  	Medtronic	Paradigm Wireless Insulin Pump	512	All	All	All
Hardware  	Medtronic	Paradigm Wireless Insulin Pump	522	All	All	All
Hardware  	Medtronic	Paradigm Wireless Insulin Pump	712	All	All	All
Hardware  	Medtronic	Paradigm Wireless Insulin Pump	722	All	All	All
Hardware  	Medtronic	Paradigm Wireless Insulin Pump	512	All	All	All
Hardware  	Medtronic	Paradigm Wireless Insulin Pump	522	All	All	All
Hardware  	Medtronic	Paradigm Wireless Insulin Pump	712	All	All	All
Hardware  	Medtronic	Paradigm Wireless Insulin Pump	722	All	All	All

cpe:2.3:h:medtronic:paradigm wireless insulin pump:512:*****:

cpe:2.3:h:medtronic:paradigm_wireless_insulin_pump:522:*****:
cpe:2.3:h:medtronic:paradigm_wireless_insulin_pump:712:*****:
cpe:2.3:h:medtronic:paradigm_wireless_insulin_pump:722:*****:
cpe:2.3:h:medtronic:paradigm_wireless_insulin_pump:512:*****:
cpe:2.3:h:medtronic:paradigm_wireless_insulin_pump:522:*****:
cpe:2.3:h:medtronic:paradigm_wireless_insulin_pump:712:*****:
cpe:2.3:h:medtronic:paradigm_wireless_insulin_pump:722:*****:

No vendor comments have been submitted for this CVE

[← Previous ID](#)

[Next ID →](#)