



CVE-2019-14023

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CVE-2019-14023

[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#) 

Certain versions of [Mdm9607](#) from [Qualcomm](#) contain the following vulnerability:

String format issue will occur while processing HLOS data as there is no user input validation to ensure inputs are properly NULL terminated before string copy in Snapdragon Auto, Snapdragon Consumer IOT, Snapdragon Industrial IOT, Snapdragon Mobile, Snapdragon Voice & Music in MDM9607, Nicobar, Rennell, SA6155P, SDX55, SM6150, SM7150, SM8150, SM8250, SXR2130

CVE-2019-14023 has been assigned by [Q](#) product-security@qualcomm.com to track the vulnerability - currently rated as **HIGH** severity.

Affected Vendor/Software: [Q](#) **Qualcomm, Inc. - Snapdragon Auto, Snapdragon Consumer IOT, Snapdragon Industrial IOT, Snapdragon Mobile, Snapdragon Voice & Music** version **MDM9607, Nicobar, Rennell, SA6155P, SDX55, SM6150, SM7150, SM8150, SM8250, SXR2130**

CVSS3 Score: **7.8 - HIGH**

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

CVSS2 Score: **7.2 - HIGH**

Access Vector	Access Complexity	Authentication
LOCAL	LOW	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
COMPLETE	COMPLETE	COMPLETE

CVE References

Description

Tags

Link

January 2020 Security Bulletin | Qualcomm

Patch
Vendor Advisory
www.qualcomm.com
text/html

CONFIRM www.qualcomm.com/company/product-security/bulletins/january-2020-bulletin

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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
Hardware 	Qualcomm	Mdm9607	-	All	All	All
Hardware 	Qualcomm	Mdm9607	-	All	All	All
Operating System	Qualcomm	Mdm9607 Firmware	-	All	All	All
Operating System	Qualcomm	Mdm9607 Firmware	-	All	All	All
Hardware 	Qualcomm	Nicobar	-	All	All	All
Hardware 	Qualcomm	Nicobar	-	All	All	All
Operating System	Qualcomm	Nicobar Firmware	-	All	All	All
Operating System	Qualcomm	Nicobar Firmware	-	All	All	All
Hardware 	Qualcomm	Rennell	-	All	All	All
Hardware 	Qualcomm	Rennell	-	All	All	All
Operating System	Qualcomm	Rennell Firmware	-	All	All	All
Operating System	Qualcomm	Rennell Firmware	-	All	All	All
Hardware 	Qualcomm	Sa6155p	-	All	All	All
Hardware 	Qualcomm	Sa6155p	-	All	All	All
Operating System	Qualcomm	Sa6155p Firmware	-	All	All	All
Operating System	Qualcomm	Sa6155p Firmware	-	All	All	All
Hardware 	Qualcomm	Sdx55	-	All	All	All
Hardware 	Qualcomm	Sdx55	-	All	All	All

Operating System	Qualcomm	Sdx55 Firmware	-	All	All	All
Operating System	Qualcomm	Sdx55 Firmware	-	All	All	All
Hardware  	Qualcomm	Sm6150	-	All	All	All
Hardware  	Qualcomm	Sm6150	-	All	All	All
Operating System	Qualcomm	Sm6150 Firmware	-	All	All	All
Operating System	Qualcomm	Sm6150 Firmware	-	All	All	All
Hardware  	Qualcomm	Sm7150	-	All	All	All
Hardware  	Qualcomm	Sm7150	-	All	All	All
Operating System	Qualcomm	Sm7150 Firmware	-	All	All	All
Operating System	Qualcomm	Sm7150 Firmware	-	All	All	All
Hardware  	Qualcomm	Sm8150	-	All	All	All
Hardware  	Qualcomm	Sm8150	-	All	All	All
Operating System	Qualcomm	Sm8150 Firmware	-	All	All	All
Operating System	Qualcomm	Sm8150 Firmware	-	All	All	All
Hardware  	Qualcomm	Sm8250	-	All	All	All
Hardware  	Qualcomm	Sm8250	-	All	All	All
Operating System	Qualcomm	Sm8250 Firmware	-	All	All	All
Operating System	Qualcomm	Sm8250 Firmware	-	All	All	All
Hardware  	Qualcomm	Sxr2130	-	All	All	All
Hardware  	Qualcomm	Sxr2130	-	All	All	All
Operating System	Qualcomm	Sxr2130 Firmware	-	All	All	All
Operating System	Qualcomm	Sxr2130 Firmware	-	All	All	All
cpe:2.3:h:qualcomm:mdm9607:-:*:*:*:*:*:						
cpe:2.3:h:qualcomm:mdm9607:-:*:*:*:*:*:						
cpe:2.3:o:qualcomm:mdm9607_firmware:-:*:*:*:*:*:						
cpe:2.3:o:qualcomm:mdm9607_firmware:-:*:*:*:*:*:						

cpe:2.3:h:qualcomm:nicobar:-:*:*:*:*:*:*:

cpe:2.3:h:qualcomm:nicobar:-:*:*:*:*:*:*:

```
cpe:2.3:o:qualcomm:nicobar_firmware:-:*:*:*:*:*:
```

```
cpe:2.3:o:qualcomm:nicobar_firmware:-:*:*:*:*:*:
```

cpe:2.3:h:qualcomm:rennell:-:*:*:*:*:*:*:

cpe:2.3:h:qualcomm:rennell:-:*:*:*:*:*:*:

```
cpe:2.3:o:qualcomm:rennell_firmware:-:*:*:*:*:*:
```

```
cpe:2.3:o:qualcomm:rennell_firmware:-:*:*:*:*:*:
```

cpe:2.3:h:qualcomm:sa6155p:-:*:*:*:*:*:

cpe:2.3:h:qualcomm:sa6155p:-:*:*:*:*:*:

```
cpe:2.3:o:qualcomm:sa6155p_firmware:-:*:*:*:*:*:
```

```
cpe:2.3:o:qualcomm:sa6155p_firmware:-:~::~~::~~::~~::~~::~::
```

cpe:2.3:h:qualcomm:sdx55:-:*:*:*:*:*:*:

cpe:2.3:h:qualcomm:sdx55:-:*:*:*:*:*:*:

cpe:2.3:o:qualcomm:sdx55_firmware:-:*:*:*:*:*:

```
cpe:2.3:o:qualcomm:sdx55_firmware:-:*:*:*:*:*:
```

```
cpe:2.3:h:qualcomm:sm6150:-:*:*:*:*:*:
```

```
cpe:2.3:h:qualcomm:sm6150:-:*:*:*:*:*:
```

```
cpe:2.3:o:qualcomm:sm6150_firmware:-:*:*:*:*:*:
```

```
cpe:2.3:o:qualcomm:sm6150_firmware:-:*:*:*:*:*:
```

cpe:2.3:h:qualcomm:sm7150:-:*:*:*:*:*:

```
cpe:2.3:h:qualcomm:sm7150:-:*:*:*:*:*:
```

```
cpe:2.3:o:qualcomm:sm7150_firmware:-:*:*:*:*:*:
```

```
cpe:2.3:o:qualcomm:sm7150_firmware:-:*:*:*:*:*:
```

```
cpe:2.3:h:qualcomm:sm8150:-:*:*:*:*:*:*:
```

```
cpe:2.3:h:qualcomm:sm8150:-:*:*:*:*:*:*:
```

```
cpe:2.3:o:qualcomm:sm8150_firmware:-:*:*:*:*:*:
```

```
cpe:2.3:o:qualcomm:sm8150_firmware:-:*:*:*:*:*:
```

[illegible]

cpe:2.3:h:qualcomm:sm8250:-:*:*:*:*:*:
cpe:2.3:h:qualcomm:sm8250:-:*:*:*:*:*:
cpe:2.3:o:qualcomm:sm8250_firmware:-:*:*:*:*:*:
cpe:2.3:o:qualcomm:sm8250_firmware:-:*:*:*:*:*:
cpe:2.3:h:qualcomm:sxr2130:-:*:*:*:*:*:
cpe:2.3:h:qualcomm:sxr2130:-:*:*:*:*:*:
cpe:2.3:o:qualcomm:sxr2130_firmware:-:*:*:*:*:*:
cpe:2.3:o:qualcomm:sxr2130_firmware:-:*:*:*:*:*:

No vendor comments have been submitted for this CVE

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