



# CVE-2023-20843

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF](#)

## Summary

|                        |                                                                                                                              |
|------------------------|------------------------------------------------------------------------------------------------------------------------------|
| <b>CVE</b>             | CVE-2023-20843                                                                                                               |
| <b>State</b>           | PUBLIC                                                                                                                       |
| <b>Assigner</b>        | security@mediatek.com                                                                                                        |
| <b>Source Priority</b> | CVE Program / NVD first with legacy fallback                                                                                 |
| <b>Published</b>       | 2023-09-04 03:15:00 UTC                                                                                                      |
| <b>Updated</b>         | 2023-09-07 14:41:00 UTC                                                                                                      |
| <b>Description</b>     | In imgsys_cmdq, there is a possible out of bounds read due to a missing valid range checking. This could lead to local infor |

## Risk And Classification

### Problem Types: CWE-125

## NVD Known Affected Configurations (CPE 2.3)

| Type             | Vendor                          | Product                      | Version | Update | Edition | Language |
|------------------|---------------------------------|------------------------------|---------|--------|---------|----------|
| Operating System | <a href="#">Google</a>          | <a href="#">Android</a>      | 11.0    | All    | All     | All      |
| Operating System | <a href="#">Google</a>          | <a href="#">Android</a>      | 12.0    | All    | All     | All      |
| Operating System | <a href="#">Linux</a>           | <a href="#">Linux Kernel</a> | 6.1     | -      | All     | All      |
| Application      | <a href="#">Linuxfoundation</a> | <a href="#">Yocto</a>        | 4.0     | All    | All     | All      |
| Application      | <a href="#">Mediatek</a>        | <a href="#">Iot Yocto</a>    | 23.0    | All    | All     | All      |
| Hardware         | <a href="#">Mediatek</a>        | <a href="#">Mt6895</a>       | -       | All    | All     | All      |
| Hardware         | <a href="#">Mediatek</a>        | <a href="#">Mt6897</a>       | -       | All    | All     | All      |
| Hardware         | <a href="#">Mediatek</a>        | <a href="#">Mt6983</a>       | -       | All    | All     | All      |
| Hardware         | <a href="#">Mediatek</a>        | <a href="#">Mt8188</a>       | -       | All    | All     | All      |
| Hardware         | <a href="#">Mediatek</a>        | <a href="#">Mt8195</a>       | -       | All    | All     | All      |
| Hardware         | <a href="#">Mediatek</a>        | <a href="#">Mt8395</a>       | -       | All    | All     | All      |
| Hardware         | <a href="#">Mediatek</a>        | <a href="#">Mt8781</a>       | -       | All    | All     | All      |

## References

| Reference          | Source  | Link                              | Tags      |
|--------------------|---------|-----------------------------------|-----------|
| September 2023     | MISC    | <a href="#">corp.mediatek.com</a> |           |
| CVE Program record | CVE.ORG | <a href="#">www.cve.org</a>       | canonical |

|                                                                      |     |                                                 |                     |
|----------------------------------------------------------------------|-----|-------------------------------------------------|---------------------|
| NVD vulnerability detail                                             | NVD | <a href="https://nvd.nist.gov">nvd.nist.gov</a> | canonical, analysis |
| No vendor comments have been submitted for this CVE.                 |     |                                                 |                     |
| There are currently no legacy QID mappings associated with this CVE. |     |                                                 |                     |

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