



# CVE-2018-0512

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF !\[\]\(e3f8612927870f2e0f9f5989e6dd3064\_img.jpg\)](#)

## Summary

|                        |   |
|------------------------|---|
| <b>CVE</b>             | CVE-2018-0512   |
| <b>State</b>           | PUBLIC  |
| <b>Assigner</b>        | vultures@jpcert.or.jp   |
| <b>Source Priority</b> | CVE Program / NVD first with legacy fallback  |
| <b>Published</b>       | 2018-02-08 14:29:00 UTC   |
| <b>Updated</b>         | 2018-03-06 13:41:00 UTC   |
| <b>Description</b>     | Devices with IP address setting tool "MagicalFinder" provided by I-O DATA DEVICE, INC. allow authenticated attackers to |

## Risk And Classification

### Problem Types: CWE-78

## NVD Known Affected Configurations (CPE 2.3)

| Type             | Vendor                 | Product                          | Version | Update | Edition | Language |
|------------------|------------------------|----------------------------------|---------|--------|---------|----------|
| Hardware         | <a href="#">lodata</a> | <a href="#">Bx-vp1</a>           | -       | All    | All     | All      |
| Hardware         | <a href="#">lodata</a> | <a href="#">Bx-vp1</a>           | -       | All    | All     | All      |
| Operating System | <a href="#">lodata</a> | <a href="#">Bx-vp1 Firmware</a>  | All     | All    | All     | All      |
| Hardware         | <a href="#">lodata</a> | <a href="#">Gv-ntx1</a>          | -       | All    | All     | All      |
| Hardware         | <a href="#">lodata</a> | <a href="#">Gv-ntx1</a>          | -       | All    | All     | All      |
| Operating System | <a href="#">lodata</a> | <a href="#">Gv-ntx1 Firmware</a> | All     | All    | All     | All      |
| Hardware         | <a href="#">lodata</a> | <a href="#">Gv-ntx2</a>          | -       | All    | All     | All      |
| Hardware         | <a href="#">lodata</a> | <a href="#">Gv-ntx2</a>          | -       | All    | All     | All      |
| Operating System | <a href="#">lodata</a> | <a href="#">Gv-ntx2 Firmware</a> | All     | All    | All     | All      |
| Hardware         | <a href="#">lodata</a> | <a href="#">Hdl-a</a>            | -       | All    | All     | All      |
| Hardware         | <a href="#">lodata</a> | <a href="#">Hdl-a</a>            | -       | All    | All     | All      |
| Hardware         | <a href="#">lodata</a> | <a href="#">Hdl-ah</a>           | -       | All    | All     | All      |
| Hardware         | <a href="#">lodata</a> | <a href="#">Hdl-ah</a>           | -       | All    | All     | All      |
| Operating System | <a href="#">lodata</a> | <a href="#">Hdl-ah Firmware</a>  | All     | All    | All     | All      |
| Operating System | <a href="#">lodata</a> | <a href="#">Hdl-a Firmware</a>   | All     | All    | All     | All      |
| Hardware         | <a href="#">lodata</a> | <a href="#">Hdl-gt</a>           | -       | All    | All     | All      |
| Hardware         | <a href="#">lodata</a> | <a href="#">Hdl-gt</a>           | -       | All    | All     | All      |

|                  |                        |                                    |     |     |     |     |
|------------------|------------------------|------------------------------------|-----|-----|-----|-----|
| Hardware         | <a href="#">lodata</a> | <a href="#">Hdl-gtr</a>            | -   | All | All | All |
| Hardware         | <a href="#">lodata</a> | <a href="#">Hdl-gtr</a>            | -   | All | All | All |
| Operating System | <a href="#">lodata</a> | <a href="#">Hdl-gtr Firmware</a>   | All | All | All | All |
| Operating System | <a href="#">lodata</a> | <a href="#">Hdl-gt Firmware</a>    | All | All | All | All |
| Hardware         | <a href="#">lodata</a> | <a href="#">Hdl-t</a>              | -   | All | All | All |
| Hardware         | <a href="#">lodata</a> | <a href="#">Hdl-t</a>              | -   | All | All | All |
| Operating System | <a href="#">lodata</a> | <a href="#">Hdl-t Firmware</a>     | All | All | All | All |
| Hardware         | <a href="#">lodata</a> | <a href="#">Hdl-xr</a>             | -   | All | All | All |
| Hardware         | <a href="#">lodata</a> | <a href="#">Hdl-xr</a>             | -   | All | All | All |
| Hardware         | <a href="#">lodata</a> | <a href="#">Hdl-xr2u</a>           | -   | All | All | All |
| Hardware         | <a href="#">lodata</a> | <a href="#">Hdl-xr2u</a>           | -   | All | All | All |
| Hardware         | <a href="#">lodata</a> | <a href="#">Hdl-xr2uw</a>          | -   | All | All | All |
| Hardware         | <a href="#">lodata</a> | <a href="#">Hdl-xr2uw</a>          | -   | All | All | All |
| Operating System | <a href="#">lodata</a> | <a href="#">Hdl-xr2uw Firmware</a> | All | All | All | All |
| Operating System | <a href="#">lodata</a> | <a href="#">Hdl-xr2u Firmware</a>  | All | All | All | All |
| Hardware         | <a href="#">lodata</a> | <a href="#">Hdl-xrw</a>            | -   | All | All | All |
| Hardware         | <a href="#">lodata</a> | <a href="#">Hdl-xrw</a>            | -   | All | All | All |
| Operating System | <a href="#">lodata</a> | <a href="#">Hdl-xrw Firmware</a>   | All | All | All | All |
| Operating System | <a href="#">lodata</a> | <a href="#">Hdl-xr Firmware</a>    | All | All | All | All |
| Hardware         | <a href="#">lodata</a> | <a href="#">Hdl-xv</a>             | -   | All | All | All |
| Hardware         | <a href="#">lodata</a> | <a href="#">Hdl-xv</a>             | -   | All | All | All |
| Hardware         | <a href="#">lodata</a> | <a href="#">Hdl-xvw</a>            | -   | All | All | All |
| Hardware         | <a href="#">lodata</a> | <a href="#">Hdl-xvw</a>            | -   | All | All | All |
| Operating System | <a href="#">lodata</a> | <a href="#">Hdl-xvw Firmware</a>   | All | All | All | All |
| Operating System | <a href="#">lodata</a> | <a href="#">Hdl-xv Firmware</a>    | All | All | All | All |
| Hardware         | <a href="#">lodata</a> | <a href="#">Hdl2-a</a>             | -   | All | All | All |
| Hardware         | <a href="#">lodata</a> | <a href="#">Hdl2-a</a>             | -   | All | All | All |
| Hardware         | <a href="#">lodata</a> | <a href="#">Hdl2-ah</a>            | -   | All | All | All |
| Hardware         | <a href="#">lodata</a> | <a href="#">Hdl2-ah</a>            | -   | All | All | All |
| Operating System | <a href="#">lodata</a> | <a href="#">Hdl2-ah Firmware</a>   | All | All | All | All |
| Operating System | <a href="#">lodata</a> | <a href="#">Hdl2-a Firmware</a>    | All | All | All | All |
| Hardware         | <a href="#">lodata</a> | <a href="#">Hfas1</a>              | -   | All | All | All |
| Hardware         | <a href="#">lodata</a> | <a href="#">Hfas1</a>              | -   | All | All | All |
| Operating System | <a href="#">lodata</a> | <a href="#">Hfas1 Firmware</a>     | All | All | All | All |
| Hardware         | <a href="#">lodata</a> | <a href="#">Hls-c</a>              | -   | All | All | All |

|                  |                        |                                       |     |     |     |     |
|------------------|------------------------|---------------------------------------|-----|-----|-----|-----|
| Hardware         | <a href="#">lodata</a> | <a href="#">Hls-c</a>                 | -   | All | All | All |
| Operating System | <a href="#">lodata</a> | <a href="#">Hls-c Firmware</a>        | All | All | All | All |
| Hardware         | <a href="#">lodata</a> | <a href="#">Hvl-a</a>                 | -   | All | All | All |
| Hardware         | <a href="#">lodata</a> | <a href="#">Hvl-a</a>                 | -   | All | All | All |
| Hardware         | <a href="#">lodata</a> | <a href="#">Hvl-at</a>                | -   | All | All | All |
| Hardware         | <a href="#">lodata</a> | <a href="#">Hvl-at</a>                | -   | All | All | All |
| Hardware         | <a href="#">lodata</a> | <a href="#">Hvl-ata</a>               | -   | All | All | All |
| Hardware         | <a href="#">lodata</a> | <a href="#">Hvl-ata</a>               | -   | All | All | All |
| Operating System | <a href="#">lodata</a> | <a href="#">Hvl-ata Firmware</a>      | All | All | All | All |
| Operating System | <a href="#">lodata</a> | <a href="#">Hvl-at Firmware</a>       | All | All | All | All |
| Operating System | <a href="#">lodata</a> | <a href="#">Hvl-a Firmware</a>        | All | All | All | All |
| Hardware         | <a href="#">lodata</a> | <a href="#">Hvl-s</a>                 | -   | All | All | All |
| Hardware         | <a href="#">lodata</a> | <a href="#">Hvl-s</a>                 | -   | All | All | All |
| Operating System | <a href="#">lodata</a> | <a href="#">Hvl-s Firmware</a>        | All | All | All | All |
| Hardware         | <a href="#">lodata</a> | <a href="#">Whg-ac1750</a>            | -   | All | All | All |
| Hardware         | <a href="#">lodata</a> | <a href="#">Whg-ac1750</a>            | -   | All | All | All |
| Hardware         | <a href="#">lodata</a> | <a href="#">Whg-ac1750a</a>           | -   | All | All | All |
| Hardware         | <a href="#">lodata</a> | <a href="#">Whg-ac1750a</a>           | -   | All | All | All |
| Hardware         | <a href="#">lodata</a> | <a href="#">Whg-ac1750al</a>          | -   | All | All | All |
| Hardware         | <a href="#">lodata</a> | <a href="#">Whg-ac1750al</a>          | -   | All | All | All |
| Operating System | <a href="#">lodata</a> | <a href="#">Whg-ac1750al Firmware</a> | All | All | All | All |
| Operating System | <a href="#">lodata</a> | <a href="#">Whg-ac1750a Firmware</a>  | All | All | All | All |
| Operating System | <a href="#">lodata</a> | <a href="#">Whg-ac1750 Firmware</a>   | All | All | All | All |
| Hardware         | <a href="#">lodata</a> | <a href="#">Whg-napg</a>              | -   | All | All | All |
| Hardware         | <a href="#">lodata</a> | <a href="#">Whg-napg</a>              | -   | All | All | All |
| Hardware         | <a href="#">lodata</a> | <a href="#">Whg-napga</a>             | -   | All | All | All |
| Hardware         | <a href="#">lodata</a> | <a href="#">Whg-napga</a>             | -   | All | All | All |
| Hardware         | <a href="#">lodata</a> | <a href="#">Whg-napgal</a>            | -   | All | All | All |
| Hardware         | <a href="#">lodata</a> | <a href="#">Whg-napgal</a>            | -   | All | All | All |
| Operating System | <a href="#">lodata</a> | <a href="#">Whg-napgal Firmware</a>   | All | All | All | All |
| Operating System | <a href="#">lodata</a> | <a href="#">Whg-napga Firmware</a>    | All | All | All | All |
| Operating System | <a href="#">lodata</a> | <a href="#">Whg-napg Firmware</a>     | All | All | All | All |
| Hardware         | <a href="#">lodata</a> | <a href="#">Wn-ac1167dgr</a>          | -   | All | All | All |
| Hardware         | <a href="#">lodata</a> | <a href="#">Wn-ac1167dgr</a>          | -   | All | All | All |
| Operating System | <a href="#">lodata</a> | <a href="#">Wn-ac1167dgr Firmware</a> | All | All | All | All |

|                  |                       |                                       |     |     |     |     |
|------------------|-----------------------|---------------------------------------|-----|-----|-----|-----|
| Hardware         | <a href="#">ldata</a> | <a href="#">Wn-ac1300ex</a>           | -   | All | All | All |
| Hardware         | <a href="#">ldata</a> | <a href="#">Wn-ac1300ex</a>           | -   | All | All | All |
| Operating System | <a href="#">ldata</a> | <a href="#">Wn-ac1300ex Firmware</a>  | All | All | All | All |
| Hardware         | <a href="#">ldata</a> | <a href="#">Wn-ac1600dgr</a>          | -   | All | All | All |
| Hardware         | <a href="#">ldata</a> | <a href="#">Wn-ac1600dgr</a>          | -   | All | All | All |
| Operating System | <a href="#">ldata</a> | <a href="#">Wn-ac1600dgr Firmware</a> | All | All | All | All |
| Hardware         | <a href="#">ldata</a> | <a href="#">Wn-ac583rk</a>            | -   | All | All | All |
| Hardware         | <a href="#">ldata</a> | <a href="#">Wn-ac583rk</a>            | -   | All | All | All |
| Operating System | <a href="#">ldata</a> | <a href="#">Wn-ac583rk Firmware</a>   | All | All | All | All |
| Hardware         | <a href="#">ldata</a> | <a href="#">Wn-ac583trk</a>           | -   | All | All | All |
| Hardware         | <a href="#">ldata</a> | <a href="#">Wn-ac583trk</a>           | -   | All | All | All |
| Operating System | <a href="#">ldata</a> | <a href="#">Wn-ac583trk Firmware</a>  | All | All | All | All |
| Hardware         | <a href="#">ldata</a> | <a href="#">Wn-ag300dgr</a>           | -   | All | All | All |
| Hardware         | <a href="#">ldata</a> | <a href="#">Wn-ag300dgr</a>           | -   | All | All | All |
| Operating System | <a href="#">ldata</a> | <a href="#">Wn-ag300dgr Firmware</a>  | All | All | All | All |
| Hardware         | <a href="#">ldata</a> | <a href="#">Wn-ag750dgr</a>           | -   | All | All | All |
| Hardware         | <a href="#">ldata</a> | <a href="#">Wn-ag750dgr</a>           | -   | All | All | All |
| Operating System | <a href="#">ldata</a> | <a href="#">Wn-ag750dgr Firmware</a>  | All | All | All | All |
| Hardware         | <a href="#">ldata</a> | <a href="#">Wn-ax1167gr</a>           | -   | All | All | All |
| Hardware         | <a href="#">ldata</a> | <a href="#">Wn-ax1167gr</a>           | -   | All | All | All |
| Operating System | <a href="#">ldata</a> | <a href="#">Wn-ax1167gr Firmware</a>  | All | All | All | All |
| Hardware         | <a href="#">ldata</a> | <a href="#">Wn-g300ex</a>             | -   | All | All | All |
| Hardware         | <a href="#">ldata</a> | <a href="#">Wn-g300ex</a>             | -   | All | All | All |
| Operating System | <a href="#">ldata</a> | <a href="#">Wn-g300ex Firmware</a>    | All | All | All | All |
| Hardware         | <a href="#">ldata</a> | <a href="#">Wn-g300r</a>              | -   | All | All | All |
| Hardware         | <a href="#">ldata</a> | <a href="#">Wn-g300r</a>              | -   | All | All | All |
| Hardware         | <a href="#">ldata</a> | <a href="#">Wn-g300r3</a>             | -   | All | All | All |
| Hardware         | <a href="#">ldata</a> | <a href="#">Wn-g300r3</a>             | -   | All | All | All |
| Operating System | <a href="#">ldata</a> | <a href="#">Wn-g300r3 Firmware</a>    | All | All | All | All |
| Operating System | <a href="#">ldata</a> | <a href="#">Wn-g300r Firmware</a>     | All | All | All | All |
| Hardware         | <a href="#">ldata</a> | <a href="#">Wn-g300sr</a>             | -   | All | All | All |
| Hardware         | <a href="#">ldata</a> | <a href="#">Wn-g300sr</a>             | -   | All | All | All |
| Operating System | <a href="#">ldata</a> | <a href="#">Wn-g300sr Firmware</a>    | All | All | All | All |
| Hardware         | <a href="#">ldata</a> | <a href="#">Wn-gx300gr</a>            | -   | All | All | All |
| Hardware         | <a href="#">ldata</a> | <a href="#">Wn-gx300gr</a>            | -   | All | All | All |
| Operating System | <a href="#">ldata</a> | <a href="#">Wn-gx300gr Firmware</a>   | All | All | All | All |

|                  |                        |                                    |     |     |     |     |
|------------------|------------------------|------------------------------------|-----|-----|-----|-----|
| Hardware         | <a href="#">lodata</a> | <a href="#">Wnpr1167f</a>          | -   | All | All | All |
| Hardware         | <a href="#">lodata</a> | <a href="#">Wnpr1167f</a>          | -   | All | All | All |
| Operating System | <a href="#">lodata</a> | <a href="#">Wnpr1167f Firmware</a> | All | All | All | All |
| Hardware         | <a href="#">lodata</a> | <a href="#">Wnpr1167g</a>          | -   | All | All | All |
| Hardware         | <a href="#">lodata</a> | <a href="#">Wnpr1167g</a>          | -   | All | All | All |
| Operating System | <a href="#">lodata</a> | <a href="#">Wnpr1167g Firmware</a> | All | All | All | All |
| Hardware         | <a href="#">lodata</a> | <a href="#">Wnpr1750g</a>          | -   | All | All | All |
| Hardware         | <a href="#">lodata</a> | <a href="#">Wnpr1750g</a>          | -   | All | All | All |
| Operating System | <a href="#">lodata</a> | <a href="#">Wnpr1750g Firmware</a> | All | All | All | All |
| Hardware         | <a href="#">lodata</a> | <a href="#">Wnpr2600g</a>          | -   | All | All | All |
| Hardware         | <a href="#">lodata</a> | <a href="#">Wnpr2600g</a>          | -   | All | All | All |
| Operating System | <a href="#">lodata</a> | <a href="#">Wnpr2600g Firmware</a> | All | All | All | All |

## References

| Reference  | Source  | Link                    |
|--|---------|-------------------------|
| 弊社IPアドレス設定ツールにおけるセキュリティの脆弱性について   IODATA アイ・オー・データ機器   | CONFIRM | <a href="#">www.io</a>  |
| JVN#36048131: Multiple I-O DATA network devices incorporating "MagicalFinder" vulnerable to OS command injection | JVN     | <a href="#">jvn.jp</a>  |
| CVE Program record   | CVE.ORG | <a href="#">www.c</a>   |
| NVD vulnerability detail   | NVD     | <a href="#">nvd.nis</a> |

No vendor comments have been submitted for this CVE.

There are currently no legacy QID mappings associated with this CVE.

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