



# CVE-2022-46142

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

## Summary

|                        |   |
|------------------------|---|
| <b>CVE</b>             | CVE-2022-46142  |
| <b>State</b>           | PUBLIC  |
| <b>Assigner</b>        | productcert@siemens.com   |
| <b>Source Priority</b> | CVE Program / NVD first with legacy fallback  |
| <b>Published</b>       | 2022-12-13 16:15:00 UTC   |
| <b>Updated</b>         | 2023-03-14 10:15:00 UTC   |
| <b>Description</b>     | Affected devices store the CLI user passwords encrypted in flash memory. Attackers with physical access to the device cou |

## Risk And Classification

**Problem Types:** CWE-257

## NVD Known Affected Configurations (CPE 2.3)

| Type             | Vendor  | Product                               | Version | Update | Edition | Language |
|------------------|---------|---------------------------------------|---------|--------|---------|----------|
| Hardware         | Siemens | Ruggedcom Rm1224 Lte4g Eu             | -       | All    | All     | All      |
| Operating System | Siemens | Ruggedcom Rm1224 Lte4g Eu Firmware    | All     | All    | All     | All      |
| Hardware         | Siemens | Ruggedcom Rm1224 Lte4g Nam            | -       | All    | All     | All      |
| Operating System | Siemens | Ruggedcom Rm1224 Lte4g Nam Firmware   | All     | All    | All     | All      |
| Hardware         | Siemens | Scalance M804pb                       | -       | All    | All     | All      |
| Operating System | Siemens | Scalance M804pb Firmware              | All     | All    | All     | All      |
| Hardware         | Siemens | Scalance M812-1 Adsl-router           | -       | All    | All     | All      |
| Operating System | Siemens | Scalance M812-1 Adsl-router Firmware  | All     | All    | All     | All      |
| Hardware         | Siemens | Scalance M816-1 Adsl-router           | -       | All    | All     | All      |
| Operating System | Siemens | Scalance M816-1 Adsl-router Firmware  | All     | All    | All     | All      |
| Hardware         | Siemens | Scalance M826-2 Shdsl-router          | -       | All    | All     | All      |
| Operating System | Siemens | Scalance M826-2 Shdsl-router Firmware | All     | All    | All     | All      |
| Hardware         | Siemens | Scalance M874-2                       | -       | All    | All     | All      |
| Operating System | Siemens | Scalance M874-2 Firmware              | All     | All    | All     | All      |
| Hardware         | Siemens | Scalance M874-3                       | -       | All    | All     | All      |
| Operating System | Siemens | Scalance M874-3 Firmware              | All     | All    | All     | All      |
| Hardware         | Siemens | Scalance M876-3                       | -       | All    | All     | All      |

|                  |         |                                   |     |     |     |     |
|------------------|---------|-----------------------------------|-----|-----|-----|-----|
| Operating System | Siemens | Scalance M876-3 Firmware          | All | All | All | All |
| Hardware         | Siemens | Scalance M876-4                   | -   | All | All | All |
| Operating System | Siemens | Scalance M876-4 Firmware          | All | All | All | All |
| Hardware         | Siemens | Scalance Mum853-1                 | -   | All | All | All |
| Operating System | Siemens | Scalance Mum853-1 Firmware        | All | All | All | All |
| Hardware         | Siemens | Scalance Mum856-1                 | -   | All | All | All |
| Operating System | Siemens | Scalance Mum856-1 Firmware        | All | All | All | All |
| Hardware         | Siemens | Scalance S615                     | -   | All | All | All |
| Hardware         | Siemens | Scalance S615 Eec                 | -   | All | All | All |
| Operating System | Siemens | Scalance S615 Eec Firmware        | All | All | All | All |
| Operating System | Siemens | Scalance S615 Firmware            | All | All | All | All |
| Hardware         | Siemens | Scalance Sc622-2c                 | -   | All | All | All |
| Operating System | Siemens | Scalance Sc622-2c Firmware        | All | All | All | All |
| Hardware         | Siemens | Scalance Sc626-2c                 | -   | All | All | All |
| Operating System | Siemens | Scalance Sc626-2c Firmware        | All | All | All | All |
| Hardware         | Siemens | Scalance Sc632-2c                 | -   | All | All | All |
| Operating System | Siemens | Scalance Sc632-2c Firmware        | All | All | All | All |
| Hardware         | Siemens | Scalance Sc636-2c                 | -   | All | All | All |
| Operating System | Siemens | Scalance Sc636-2c Firmware        | All | All | All | All |
| Hardware         | Siemens | Scalance Sc642-2c                 | -   | All | All | All |
| Operating System | Siemens | Scalance Sc642-2c Firmware        | All | All | All | All |
| Hardware         | Siemens | Scalance Sc646-2c                 | -   | All | All | All |
| Operating System | Siemens | Scalance Sc646-2c Firmware        | All | All | All | All |
| Hardware         | Siemens | Scalance W1748-1 M12              | -   | All | All | All |
| Operating System | Siemens | Scalance W1748-1 M12 Firmware     | -   | All | All | All |
| Hardware         | Siemens | Scalance W1788-1 M12              | -   | All | All | All |
| Operating System | Siemens | Scalance W1788-1 M12 Firmware     | -   | All | All | All |
| Hardware         | Siemens | Scalance W1788-2ia M12            | -   | All | All | All |
| Operating System | Siemens | Scalance W1788-2ia M12 Firmware   | -   | All | All | All |
| Hardware         | Siemens | Scalance W1788-2 Eec M12          | -   | All | All | All |
| Operating System | Siemens | Scalance W1788-2 Eec M12 Firmware | -   | All | All | All |
| Hardware         | Siemens | Scalance W1788-2 M12              | -   | All | All | All |
| Operating System | Siemens | Scalance W1788-2 M12 Firmware     | -   | All | All | All |
| Hardware         | Siemens | Scalance W721-1 Rj45              | -   | All | All | All |
| Operating System | Siemens | Scalance W721-1 Rj45 Firmware     | All | All | All | All |

|                  |         |                                   |     |     |     |     |
|------------------|---------|-----------------------------------|-----|-----|-----|-----|
| Hardware         | Siemens | Scalance W722-1 Rj45              | -   | All | All | All |
| Operating System | Siemens | Scalance W722-1 Rj45 Firmware     | All | All | All | All |
| Hardware         | Siemens | Scalance W734-1 Rj45              | -   | All | All | All |
| Operating System | Siemens | Scalance W734-1 Rj45 Firmware     | All | All | All | All |
| Hardware         | Siemens | Scalance W738-1 M12               | -   | All | All | All |
| Operating System | Siemens | Scalance W738-1 M12 Firmware      | All | All | All | All |
| Hardware         | Siemens | Scalance W748-1 M12               | -   | All | All | All |
| Operating System | Siemens | Scalance W748-1 M12 Firmware      | All | All | All | All |
| Hardware         | Siemens | Scalance W761-1 Rj45              | -   | All | All | All |
| Operating System | Siemens | Scalance W761-1 Rj45 Firmware     | -   | All | All | All |
| Hardware         | Siemens | Scalance W774-1 M12 Eec           | -   | All | All | All |
| Operating System | Siemens | Scalance W774-1 M12 Eec Firmware  | -   | All | All | All |
| Hardware         | Siemens | Scalance W774-1 M12 Rj45          | -   | All | All | All |
| Operating System | Siemens | Scalance W774-1 M12 Rj45 Firmware | -   | All | All | All |
| Hardware         | Siemens | Scalance W774-1 Rj45              | -   | All | All | All |
| Operating System | Siemens | Scalance W774-1 Rj45 Firmware     | -   | All | All | All |
| Hardware         | Siemens | Scalance W778-1 M12               | -   | All | All | All |
| Hardware         | Siemens | Scalance W778-1 M12 Eec           | -   | All | All | All |
| Operating System | Siemens | Scalance W778-1 M12 Eec Firmware  | -   | All | All | All |
| Operating System | Siemens | Scalance W778-1 M12 Firmware      | -   | All | All | All |
| Hardware         | Siemens | Scalance W786-1 Rj45              | -   | All | All | All |
| Operating System | Siemens | Scalance W786-1 Rj45 Firmware     | -   | All | All | All |
| Hardware         | Siemens | Scalance W786-2ia Rj45            | -   | All | All | All |
| Operating System | Siemens | Scalance W786-2ia Rj45 Firmware   | -   | All | All | All |
| Hardware         | Siemens | Scalance W786-2 Rj45              | -   | All | All | All |
| Operating System | Siemens | Scalance W786-2 Rj45 Firmware     | -   | All | All | All |
| Hardware         | Siemens | Scalance W786-2 Sfp               | -   | All | All | All |
| Operating System | Siemens | Scalance W786-2 Sfp Firmware      | -   | All | All | All |
| Hardware         | Siemens | Scalance W788-1 M12               | -   | All | All | All |
| Operating System | Siemens | Scalance W788-1 M12 Firmware      | -   | All | All | All |
| Hardware         | Siemens | Scalance W788-1 Rj45              | -   | All | All | All |
| Operating System | Siemens | Scalance W788-1 Rj45 Firmware     | -   | All | All | All |
| Hardware         | Siemens | Scalance W788-2 M12               | -   | All | All | All |
| Hardware         | Siemens | Scalance W788-2 M12 Eec           | -   | All | All | All |
| Operating System | Siemens | Scalance W788-2 M12 Eec Firmware  | -   | All | All | All |

|                  |         |                                    |   |     |     |     |
|------------------|---------|------------------------------------|---|-----|-----|-----|
| Operating System | Siemens | Scalance W/88-2 M12 Firmware       | - | All | All | All |
| Hardware         | Siemens | Scalance Wam763-1                  | - | All | All | All |
| Operating System | Siemens | Scalance Wam763-1 Firmware         | - | All | All | All |
| Hardware         | Siemens | Scalance Wam766-1                  | - | All | All | All |
| Hardware         | Siemens | Scalance Wam766-1 6ghz             | - | All | All | All |
| Operating System | Siemens | Scalance Wam766-1 6ghz Firmware    | - | All | All | All |
| Hardware         | Siemens | Scalance Wam766-1 Ecc              | - | All | All | All |
| Operating System | Siemens | Scalance Wam766-1 Ecc Firmware     | - | All | All | All |
| Operating System | Siemens | Scalance Wam766-1 Firmware         | - | All | All | All |
| Hardware         | Siemens | Scalance Wum763-1                  | - | All | All | All |
| Operating System | Siemens | Scalance Wum763-1 Firmware         | - | All | All | All |
| Hardware         | Siemens | Scalance Wum766-1                  | - | All | All | All |
| Hardware         | Siemens | Scalance Wum766-1 6ghz             | - | All | All | All |
| Operating System | Siemens | Scalance Wum766-1 6ghz Firmware    | - | All | All | All |
| Operating System | Siemens | Scalance Wum766-1 Firmware         | - | All | All | All |
| Hardware         | Siemens | Scalance Xb205-3                   | - | All | All | All |
| Hardware         | Siemens | Scalance Xb205-3ld                 | - | All | All | All |
| Operating System | Siemens | Scalance Xb205-3ld Firmware        | - | All | All | All |
| Operating System | Siemens | Scalance Xb205-3 Firmware          | - | All | All | All |
| Hardware         | Siemens | Scalance Xb208                     | - | All | All | All |
| Operating System | Siemens | Scalance Xb208 Firmware            | - | All | All | All |
| Hardware         | Siemens | Scalance Xb213-3                   | - | All | All | All |
| Hardware         | Siemens | Scalance Xb213-3ld                 | - | All | All | All |
| Operating System | Siemens | Scalance Xb213-3ld Firmware        | - | All | All | All |
| Operating System | Siemens | Scalance Xb213-3 Firmware          | - | All | All | All |
| Hardware         | Siemens | Scalance Xb216                     | - | All | All | All |
| Operating System | Siemens | Scalance Xb216 Firmware            | - | All | All | All |
| Hardware         | Siemens | Scalance Xc206-2                   | - | All | All | All |
| Hardware         | Siemens | Scalance Xc206-2g Poe              | - | All | All | All |
| Hardware         | Siemens | Scalance Xc206-2g Poe Ecc          | - | All | All | All |
| Operating System | Siemens | Scalance Xc206-2g Poe Ecc Firmware | - | All | All | All |
| Operating System | Siemens | Scalance Xc206-2g Poe Firmware     | - | All | All | All |
| Hardware         | Siemens | Scalance Xc206-2sfp                | - | All | All | All |
| Hardware         | Siemens | Scalance Xc206-2sfp Ecc            | - | All | All | All |
| Operating System | Siemens | Scalance Xc206-2sfp Ecc Firmware   | - | All | All | All |
| Operating System | Siemens | Scalance Xc206-2sfp Firmware       | - | All | All | All |

|                  |         |                                    |   |     |     |     |
|------------------|---------|------------------------------------|---|-----|-----|-----|
| Hardware         | Siemens | Scalance Xc206-2sfp G              | - | All | All | All |
| Hardware         | Siemens | Scalance Xc206-2sfp G Eec          | - | All | All | All |
| Operating System | Siemens | Scalance Xc206-2sfp G Eec Firmware | - | All | All | All |
| Operating System | Siemens | Scalance Xc206-2sfp G Firmware     | - | All | All | All |
| Operating System | Siemens | Scalance Xc206-2 Firmware          | - | All | All | All |
| Hardware         | Siemens | Scalance Xc208                     | - | All | All | All |
| Hardware         | Siemens | Scalance Xc208 Eec                 | - | All | All | All |
| Operating System | Siemens | Scalance Xc208 Eec Firmware        | - | All | All | All |
| Operating System | Siemens | Scalance Xc208 Firmware            | - | All | All | All |
| Hardware         | Siemens | Scalance Xc208 Poe                 | - | All | All | All |
| Operating System | Siemens | Scalance Xc208 Poe Firmware        | - | All | All | All |
| Hardware         | Siemens | Scalance Xc216                     | - | All | All | All |
| Hardware         | Siemens | Scalance Xc216-3g Poe              | - | All | All | All |
| Operating System | Siemens | Scalance Xc216-3g Poe Firmware     | - | All | All | All |
| Hardware         | Siemens | Scalance Xc216-4c                  | - | All | All | All |
| Operating System | Siemens | Scalance Xc216-4c Firmware         | - | All | All | All |
| Hardware         | Siemens | Scalance Xc216-4c G                | - | All | All | All |
| Hardware         | Siemens | Scalance Xc216-4c G Eec            | - | All | All | All |
| Operating System | Siemens | Scalance Xc216-4c G Eec Firmware   | - | All | All | All |
| Operating System | Siemens | Scalance Xc216-4c G Firmware       | - | All | All | All |
| Hardware         | Siemens | Scalance Xc216eec                  | - | All | All | All |
| Operating System | Siemens | Scalance Xc216eec Firmware         | - | All | All | All |
| Operating System | Siemens | Scalance Xc216 Firmware            | - | All | All | All |
| Hardware         | Siemens | Scalance Xc224                     | - | All | All | All |
| Hardware         | Siemens | Scalance Xc224-4c G                | - | All | All | All |
| Hardware         | Siemens | Scalance Xc224-4c G Eec            | - | All | All | All |
| Operating System | Siemens | Scalance Xc224-4c G Eec Firmware   | - | All | All | All |
| Operating System | Siemens | Scalance Xc224-4c G Firmware       | - | All | All | All |
| Operating System | Siemens | Scalance Xc224 Firmware            | - | All | All | All |
| Hardware         | Siemens | Scalance Xf204                     | - | All | All | All |
| Hardware         | Siemens | Scalance Xf204-2ba                 | - | All | All | All |
| Operating System | Siemens | Scalance Xf204-2ba Firmware        | - | All | All | All |
| Hardware         | Siemens | Scalance Xf204-2bca Dna            | - | All | All | All |
| Operating System | Siemens | Scalance Xf204-2bca Dna Firmware   | - | All | All | All |
| Hardware         | Siemens | Scalance Xf204 Dna                 | - | All | All | All |

|                  |         |                                |   |     |     |     |
|------------------|---------|--------------------------------|---|-----|-----|-----|
| Operating System | Siemens | Scalance Xf204 Dna Firmware    | - | All | All | All |
| Operating System | Siemens | Scalance Xf204 Firmware        | - | All | All | All |
| Hardware         | Siemens | Scalance Xm408-4c              | - | All | All | All |
| Operating System | Siemens | Scalance Xm408-4c Firmware     | - | All | All | All |
| Hardware         | Siemens | Scalance Xm408-8c              | - | All | All | All |
| Operating System | Siemens | Scalance Xm408-8c Firmware     | - | All | All | All |
| Hardware         | Siemens | Scalance Xm416-4c              | - | All | All | All |
| Operating System | Siemens | Scalance Xm416-4c Firmware     | - | All | All | All |
| Hardware         | Siemens | Scalance Xp208                 | - | All | All | All |
| Hardware         | Siemens | Scalance Xp208eec              | - | All | All | All |
| Operating System | Siemens | Scalance Xp208eec Firmware     | - | All | All | All |
| Hardware         | Siemens | Scalance Xp208poe Eec          | - | All | All | All |
| Operating System | Siemens | Scalance Xp208poe Eec Firmware | - | All | All | All |
| Operating System | Siemens | Scalance Xp208 Firmware        | - | All | All | All |
| Hardware         | Siemens | Scalance Xp216                 | - | All | All | All |
| Hardware         | Siemens | Scalance Xp216eec              | - | All | All | All |
| Operating System | Siemens | Scalance Xp216eec Firmware     | - | All | All | All |
| Hardware         | Siemens | Scalance Xp216poe Eec          | - | All | All | All |
| Operating System | Siemens | Scalance Xp216poe Eec Firmware | - | All | All | All |
| Operating System | Siemens | Scalance Xp216 Firmware        | - | All | All | All |
| Hardware         | Siemens | Scalance Xr324wg               | - | All | All | All |
| Operating System | Siemens | Scalance Xr324wg Firmware      | - | All | All | All |
| Hardware         | Siemens | Scalance Xr326-2c              | - | All | All | All |
| Operating System | Siemens | Scalance Xr326-2c Firmware     | - | All | All | All |
| Hardware         | Siemens | Scalance Xr326-2c Poe          | - | All | All | All |
| Operating System | Siemens | Scalance Xr326-2c Poe Firmware | - | All | All | All |
| Hardware         | Siemens | Scalance Xr328-4c Wg           | - | All | All | All |
| Operating System | Siemens | Scalance Xr328-4c Wg Firmware  | - | All | All | All |
| Hardware         | Siemens | Scalance Xr524-8c              | - | All | All | All |
| Operating System | Siemens | Scalance Xr524-8c Firmware     | - | All | All | All |
| Hardware         | Siemens | Scalance Xr526-8c              | - | All | All | All |
| Operating System | Siemens | Scalance Xr526-8c Firmware     | - | All | All | All |
| Hardware         | Siemens | Scalance Xr528-6m              | - | All | All | All |
| Operating System | Siemens | Scalance Xr528-6m Firmware     | - | All | All | All |
| Hardware         | Siemens | Scalance Xr552-12m             | - | All | All | All |
| Operating System | Siemens | Scalance Xr552-12m Firmware    | - | All | All | All |

|                  |         |   |   |     |     |     |
|------------------|---------|---|---|-----|-----|-----|
| Operating System | Siemens | Scalance XR55Z-12M Firmware             | - | All | All | All |
| Hardware         | Siemens | Siplus Net Scalance Xc206-2             | - | All | All | All |
| Hardware         | Siemens | Siplus Net Scalance Xc206-2sfp          | - | All | All | All |
| Operating System | Siemens | Siplus Net Scalance Xc206-2sfp Firmware | - | All | All | All |
| Operating System | Siemens | Siplus Net Scalance Xc206-2 Firmware    | - | All | All | All |
| Hardware         | Siemens | Siplus Net Scalance Xc208               | - | All | All | All |
| Operating System | Siemens | Siplus Net Scalance Xc208 Firmware      | - | All | All | All |
| Hardware         | Siemens | Siplus Net Scalance Xc216-4c            | - | All | All | All |
| Operating System | Siemens | Siplus Net Scalance Xc216-4c Firmware   | - | All | All | All |

## References

| Reference                | Source  | Link  | Tags                |
|--------------------------|---------|---|---------------------|
| N/A                      | CONFIRM | <a href="https://cert-portal.siemens.com">cert-portal.siemens.com</a> |                     |
| CVE Program record       | CVE.ORG | <a href="https://www.cve.org">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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