Easergy T200

Overview

Schneider Electric is aware of a vulnerability in its Easergy T200 RTU (Remote Terminal Unit). The Easergy T200 RTU is a modular platform for medium voltage and low voltage public distribution network management.

Failure to apply the mitigations provided below may allow authentication bypass during control command.

Affected Products and Versions

The communication board is impacted by this vulnerability and is the same for all T200 models (T200I/T200E, T200P). The corresponding firmware depends on the protocol used.

Impacted firmware versions are described in the table below:

<table>
<thead>
<tr>
<th>Product</th>
<th>Version</th>
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</thead>
<tbody>
<tr>
<td>Easergy T200 (Modbus)</td>
<td>SC2-04MOD-07000100 and earlier</td>
</tr>
<tr>
<td>Easergy T200 (IEC104)</td>
<td>SC2-04IEC-07000100 and earlier</td>
</tr>
<tr>
<td>Easergy T200 (DNP3)</td>
<td>SC2-04DNP-07000102 and earlier</td>
</tr>
</tbody>
</table>

Vulnerability Details

CVE ID: CVE-2021-22772

CVSS v3.1 Base Score 9.1 | Critical | CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:N/I:H/A:H

A CWE-306: Missing Authentication for Critical Function vulnerability exists that could cause unauthorized operation when authentication is bypassed.
### Remediation

<table>
<thead>
<tr>
<th>Affected Product &amp; Version</th>
<th>Remediation</th>
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<tbody>
<tr>
<td>Easergy T200 (Modbus)</td>
<td>Customers are strongly encouraged to upgrade to version SC2-04MOD-07000103 available from the Schneider Electric <a href="#">Customer Care Center</a>.</td>
</tr>
<tr>
<td>Easergy T200 (IEC104)</td>
<td>Customers are strongly encouraged to upgrade to version SC2-04IEC-07000103 available from the Schneider Electric <a href="#">Customer Care Center</a>.</td>
</tr>
<tr>
<td>Easergy T200 (DNP3)</td>
<td>Customers are strongly encouraged to upgrade to version SC2-04DNP-07000103 available from the Schneider Electric <a href="#">Customer Care Center</a>.</td>
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Customers should use appropriate patching methodologies when applying these patches to their systems. We strongly recommend the use of back-ups and evaluating the impact of these patches in a Test and Development environment or on an offline infrastructure.

Contact Schneider Electric’s [Customer Care Center](#) if you need assistance.

We also recommend using strong passwords and apply the following rules:

- Change the default passwords the first time you connect to the product
- Renew passwords with reasonable frequency
- Do not store passwords in a file on a computer station that is particularly exposed to risk
- Passwords should be at least 8 characters long and of different types (upper case, lower case, numbers, special characters)

### General Security Recommendations

We strongly recommend the following industry cybersecurity best practices.

- Locate control and safety system networks and remote devices behind firewalls and isolate them from the business network.
- Install physical controls so no unauthorized personnel can access your industrial control and safety systems, components, peripheral equipment, and networks.
- Place all controllers in locked cabinets and never leave them in the “Program” mode.
Never connect programming software to any network other than the network for the devices that it is intended for.

Scan all methods of mobile data exchange with the isolated network such as CDs, USB drives, etc. before use in the terminals or any node connected to these networks.

Never allow mobile devices that have connected to any other network besides the intended network to connect to the safety or control networks without proper sanitation.

Minimize network exposure for all control system devices and systems and ensure that they are not accessible from the Internet.

When remote access is required, use secure methods, such as Virtual Private Networks (VPNs). Recognize that VPNS may have vulnerabilities and should be updated to the most current version available. Also, understand that VPNS are only as secure as the connected devices.

For more information refer to the Schneider Electric Recommended Cybersecurity Best Practices document.

For More Information

This document provides an overview of the identified vulnerability or vulnerabilities and actions required to mitigate. For more details and assistance on how to protect your installation, contact your local Schneider Electric representative or Schneider Electric Industrial Cybersecurity Services: https://www.se.com/ww/en/work/solutions/cybersecurity/. These organizations will be fully aware of this situation and can support you through the process.

For further information related to cybersecurity in Schneider Electric's products, visit the company’s cybersecurity support portal page: https://www.se.com/ww/en/work/support/cybersecurity/overview.jsp

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We provide energy and automation digital solutions for efficiency and sustainability. We combine world-leading energy technologies, real-time automation, software and services into integrated solutions for Homes, Buildings, Data Centers, Infrastructure and Industries.

We are committed to unleash the infinite possibilities of an open, global, innovative community that is passionate with our Meaningful Purpose, Inclusive and Empowered values.

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Revision Control:

<table>
<thead>
<tr>
<th>Version 1.0</th>
<th>Original Release</th>
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<tbody>
<tr>
<td>13 July 2021</td>
<td>Digitally signed by Product Security Office</td>
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Date: 2021.07.11 20:17:39 -04'00'

Product Security Office