

## EtherNet/IP Vulnerability in 2012 release of (3) PLX31s

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Version: 1.0

References: CVE-2020-25159, ICSA-20-324-03

### Executive Summary

A vulnerability in the EtherNet/IP connection communication could be exploited via a buffer overflow, resulting in a Denial of Service, or possibly a Remote Code Execution. No current versions of ProSoft Technology products are affected.

### Details

A repeated Forward Open may result in a refused connection and require the module to be rebooted to recover. Repeated EtherNet/IP identity requests result in the module not replying.

### Impact

The impact is very low, as ProSoft fixed the vulnerability in 2012, and in the same year released upgrades to the 3 affected products: PLX31-EIP-ASCII, PLX31-EIP-MBS, and PLX31-EIP-MBS4.

### Affected Products

Brand	Product Line / Platform	Product	Version
ProSoft Technology	ProLinx	PLX31-EIP-ASCII	1.00.126 or lower
ProSoft Technology	ProLinx	PLX31-EIP-MBS	1.00.137 or lower
ProSoft Technology	ProLinx	PLX31-EIP-MBS4	1.00.174 or lower

### Solution

Updates are available which fix the vulnerability. For these 3 products, purchased on or after August 13, 2012, this vulnerability is not present.

Brand	Product Line / Platform	Product	Version
ProSoft Technology	ProLinx	PLX31-EIP-ASCII	1.01.133 and higher
ProSoft Technology	ProLinx	PLX31-EIP-MBS	1.01.149 and higher
ProSoft Technology	ProLinx	PLX31-EIP-MBS4	1.01.184 and higher

### For Help or Feedback

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For technical support and other requests, please visit <https://www.prosoft-technology.com/Services-Support/Customer-Support>

## Related Links

- [1] <https://us-cert.cisa.gov/ics/advisories/icsa-20-324-03>

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## Revisions

V1.0 (2020-12-18):      Bulletin published.