HUSKY

CYBER SECURITY NOTIFICATION

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Vulnerability Summary

VAPT Team, C3i Center, IITK, UP, India, vide their notification dated 14-Sep-2019, reported following vulnerabilities in HUSKY RTU 6049-E70.

1. After exploiting the RTU server we can reboot the server system, after this configuration of device is not working.

Affected Products

SSS have investigated the reported vulnerabilities and identified the following products affected under this notification –

- HUSKY RTU 6049-E70, with firmware versions 5.0 and lower.

The issue has been identified to be in the telnet shell provided by the RTU.

Mitigating Factors

Following recommendations shall be implemented to avoid exposure to risks outlined in this outlined in this notification **–**

1. Customers are encouraged to implement network segmentation and firewall policies in their network to reduce exposure of the RTU to uncontrolled and unprotected access.

2. Recommended security practices and firewall configurations can help protect an industrial control network from attacks that originate from outside the network. Such practices include that protection, control & automation systems are physically protected from direct access by unauthorized personnel, have no direct connections to the Internet, and are separated from other networks by means of a firewall system that has a minimal number of ports exposed, and others that have to be evaluated case by case. Protection, control & automation systems should not be used for Internet surfing, instant messaging, or receiving e-mails. Block all non-trusted IP communications.

3. SSS will be releasing a fix for this issue. Please check with SSS for firmware patch to disable telnet access as a workaround for this issue.

4. If possible, setup SSL tunnel between RTU and control center to restrict access to the RTU.

The impact of the vulnerabilities above can be greatly reduced by implementing a firewall to restrict external network connectivity to the affected devices.

Acknowledgements

SSS recognizes the following researcher(s) for identifying and helping to coordinate a response to this vulnerability:

CVE	Researcher(s) Name
-	VAPT Team (C3i IITK, UP, India)

Support

For additional information and support please contact support@s3india.com for further information.