ICS-CERT
INDUSTRIAL CONTROL SYSTEMS CYBER EMERGENCY RESPONSE TEAM

ICS-CERT ALERT

ICS-ALERT-11-131-01—ADVANTECH STUDIO ISSYMBOL ACTIVEX CONTROL BUFFER OVERFLOW VULNERABILITIES

May 11, 2011

ALERT

SUMMARY

ICS-CERT is aware of a report of multiple buffer overflow vulnerabilities in Advantech ISSymbol ActiveX Control 61.6.0.0 and Advantech Studio 6.1 SP6 Build 61.6.01.05. Boundary errors that occur during various functions can cause heap-based or stack-based overflows, which in turn may allow execution of arbitrary code. ICS-CERT is currently coordinating with the vendor to validate and mitigate this vulnerability. Additional information will be published as it becomes available.

Advantech Studio is a collection of automation tools that includes components required to develop human-machine interface (HMI) and supervisory control and data acquisition system (SCADA) applications that run on various Windows platforms. According to Advantech, Advantech Studio is currently being used in nearly 2,000 installations worldwide. Advantech Studio is used in a variety of applications including remote utility management, building automation, water and wastewater management, and factory automation.

Please report any issues affecting control systems in critical infrastructure environments to ICS-CERT.

ICS-CERT CONTACT

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DOCUMENT FAQ

What is an ICS-CERT Alert? An ICS-CERT Alert is intended to provide timely notification to critical infrastructure owners and operators concerning threats or activity with the potential to impact critical infrastructure computing networks.