



CRS Report for Congress: Critical Infrastructure: Control Systems and the Terrorist Threat: January 20, 2004 - RL31534

By Dana A Shea

Bibliogov, United States, 2013. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****.Much of the U.S. critical infrastructure is potentially vulnerable to cyber-attack. Industrial control computer systems involved in this infrastructure are specific points of vulnerability, as cyber-security for these systems has not been previously perceived as a high priority. Industry sectors potentially affected by a cyber-attack on process control systems include the electrical, telephone, water, chemical, and energy sectors. The federal government has issued warnings regarding increases in terrorist interest in the cyber-security of industrial control systems, citing international terrorist organization interest in critical infrastructure and increases in cyber-attacks on critical infrastructure computer systems. The potential consequences of a successful cyber-attack on critical infrastructure industrial control systems range from a temporary loss of service to catastrophic infrastructure failure affecting multiple states for an extended duration. The National Strategy for Securing Cyberspace, released in February 2003, contains a number of suggestions regarding security measures for control systems. A focus on the further integration of public/private partnerships and information sharing is described, along with suggestions that standards for securing control systems be developed and implemented. The Homeland Security Act of 2002...

Reviews

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