

Bradford Wilke

Homeland Security Lessons Learned: An Analysis from Cyber Security Evaluations

In this presentation, Bradford Willke, Program Manager for the DHS Cyber Security Advisor Initiative, will provide an overview of analysis performed from cyber security evaluations of critical infrastructure operations. The audience will walk away with an understanding of how well IT services delivering critical service are managed for cyber threats, vulnerabilities, and risks. Practical examples will be shared as to how to improve cyber preparedness, risk mitigation, and incident response, based lessons-learned from DHS cyber security evaluations, operational coordination, and critical infrastructure policy.

The Cyber Security Advisor program is part of the Department of Homeland Security's outreach and awareness mission for the protection of Critical Infrastructure / Key Resource (CIKR) communities and state, local, territorial, and tribal governments. The primary mission of the CSA program is *"To provide direct coordination, outreach, and regional support and assistance in the protection of cyber components essential to the Nation's CIKR."*

Biography

Mr. Willke is currently serving as the U.S. DHS Cyber Security Advisor for the Mid-Atlantic Region and program manager for the Cyber Security Advisor Initiative, within the Department of Homeland Security's Office of Cybersecurity & Communications (CS&C). His program works to foster collaboration and coordination on cyber preparedness, risk mitigation and incident response, and provide cyber security resources, including exercises and assessments, across all 18 Critical Infrastructure Key Resources (CIKR) sectors and with state and local government.

Prior to joining DHS, Mr. Willke led field studies and research and development

projects in information security risk and vulnerability assessment for over 10 years while in the Software Engineering Institute's CERT® program. Mr. Willke served in the United States Air Force as a law enforcement specialist and unit computer security manager while at F.E. Warren Air Force Base in Cheyenne, WY. He holds a M.S. in Legal Studies with a specialization in Homeland Security from California University of Pennsylvania, a B.S. in Information Systems Technologies from Southern Illinois University, and a graduate certificate in Information Protection and Security from the University of New Haven.

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