

## Piercing the Veil: Tactics, Techniques, and Procedures of Attackers and Defenders

Hardly a week goes by where we aren't hearing about another fortune 500 company or large Federal or State organization that has suffered an online breach and lost a significant quantity of customer data or intellectual property (IP). The major media outlets routinely portray these attacks as being the work of an ultra sophisticated adversary or gang of cyber criminals with access to only the most advanced and secretive cyber weaponry imaginable. The business can only help but feel the battle has already been lost and we might as well pack it in. This talk will detail the anatomy of a cyber attack against a fictitious business including targeting, planning, execution, and mop-up from the perspective of both the attacker and cyber defender. Throughout the presentation the Black Lantern Security Group will address common misconceptions and highlight cost-effective mitigations that can be implemented using existing personnel and security controls in order to protect your enterprise from even the most "advanced" attacks.

### Black Lantern Team:

Lucius Junevicus - NSA certified Red Team; Officer in the USAF/Base Network Control Center for Keesler AFB/Naval Facilities Engineering Command Supervisory Control and Data Acquisition (SCADA); one of the founders of Black Lantern Security and Agilitech LLC

Dr. Philip Hartlieb - Navy's Space and Naval Warfare (SPAWAR) Command; Managing Principal and Systems Analyst with Life Cycle Engineering; Director of an NSA-certified Red Team; Chief Operating Officer (COO) for Black Lantern Security; research at Security B-Sides and ISSA; published papers on Nitride Semiconductors, Handbook on Materials and Devices, the Journal of Applied Physics, and the Journal of Crystal Growth

Gabe LeBlanc - Marine Corps Infantry; Data/Networking position; USMC Red Team; SPAWAR Director for the Computer Network Defense Service Provider (CNDSP) over Defense Health Affairs

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