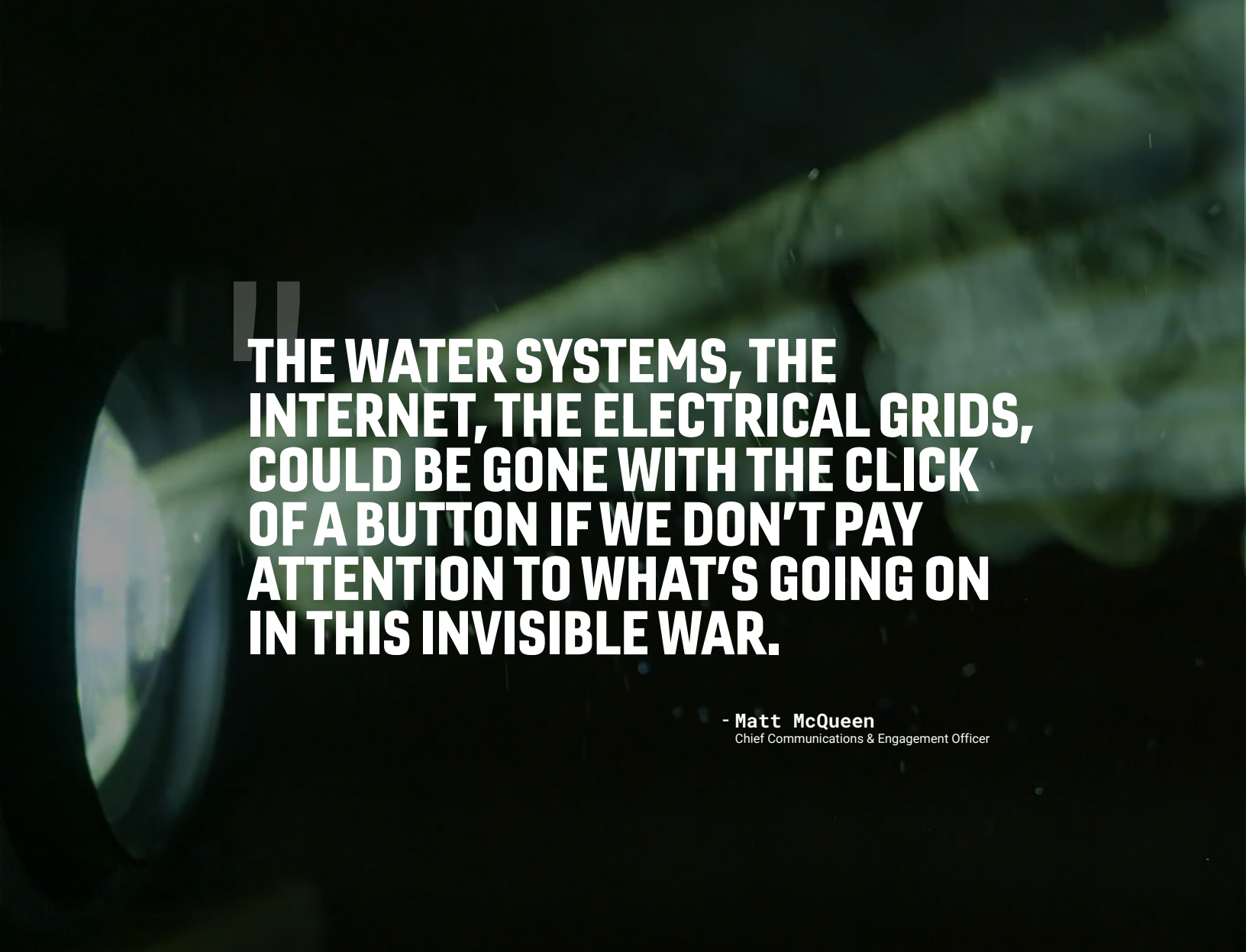


THE INVISIBLE WAR



**THE WATER SYSTEMS, THE
INTERNET, THE ELECTRICAL GRIDS,
COULD BE GONE WITH THE CLICK
OF A BUTTON IF WE DON'T PAY
ATTENTION TO WHAT'S GOING ON
IN THIS INVISIBLE WAR.**

- Matt McQueen
Chief Communications & Engagement Officer

ABOUT PERATON

Peraton is a national security company that drives missions of consequence spanning the globe and extending to the farthest reaches of the galaxy. As the world's leading mission capability integrator and transformative enterprise IT provider, we deliver trusted, highly differentiated solutions and technologies that protect our nation and allies from threats across the digital and physical domains. Peraton supports every branch of the US Armed Forces, and we serve as a valued partner to essential government agencies who sustain our way of life. Every day, our employees do the can't be done by solving the most daunting challenges facing our customers. Visit peraton.com/invisiblewar to learn how we're safeguarding your peace of mind.

ABOUT THE INVISIBLE WAR

What is The Invisible War?

- Think of it as a competition of ideas. The Invisible War refers to the digital dimensions of competition and conflict, which are used by our adversaries and enemies to manipulate, exploit, corrupt or influence a target audience.
- The Invisible War has two components: a digital domain and information domain.
- Examples can include election fraud, power grid breaches, cutting off water systems.

What is the Information Domain?

- The information domain is where data—information and ideas—are transmitted from the real world to influence the mind.
- There are four types of challenges in this environment: disinformation, misinformation, rhetoric information, and missing information.

Disinformation vs. Misinformation

- Disinformation is when an adversary knowingly puts out a lie in hopes of achieving an objective.
- Misinformation occurs when someone accidentally spreads a lie believing it to be true. This could be a result of disinformation or a misunderstanding of the truth.
- For example: We see this close to home, when your family or friends don't know they're spreading a lie, and you try to correct the record.

Rhetoric Information

- The battle of ideas and values are the cornerstone of the Invisible War—something that is not a lie but may not be wholly true.
- Rhetoric information depends upon perspectives—beliefs, biases, education, or even cultural references. These conversations should be framed in terms of opposing value propositions, not in terms of truth.
- For example: If you're the Chinese Communist Party (CCP), and you're saying the U.S. is in decline and the CCP is on the rise, that's not a lie. That's a belief. If we dismiss it as disinformation, we remove ourselves from the discussion and miss an opportunity to address it.

Missing Information

- Missing information is when a target audience lacks information to make informed decisions based on true and accurate data.
- Adversaries will block or eliminate information to influence opinion.
- Both China and Russia practice a form of active missing information by creating information firewalls to block populations from accessing information required to make decisions, using rhetoric information, and silencing nonconforming media.

What is the Digital Domain?

- Think of it as the internet of things – the network of connected devices and software that communicate between devices and the cloud.
- The digital domain can include power grids, supply chain systems, IT architectures, 5G, system networks, your cell phone storage, the files on your laptop, electronic health records, home automation systems.
- The digital domain is most easily accessed and exploited through breaches caused by poor firewalls, faulty security, or compromised identity, credential, and access management (ICAM).

RESOURCES

[Five Things to Know About the Information War](#)

[Five Things to Know About Data Fabric](#)

[The Gray Zone of Tomorrow's Battlespace](#)

[Improving Supply Chain Resilience](#)

[Using Technological Innovation to Outpace Adversaries](#)

THE INVISIBLE WAR

SUBJECT MATTER EXPERTS



TOM AFFERTON

President, Cyber Mission Sector

BIO

As Cyber Mission sector president, Tom has full executive responsibility for the Cyber Mission sector’s strategy development and execution, program performance, and growth objectives. The sector delivers full-spectrum cyber programs, information operations, and technical solutions that support intelligence, defense, and civil markets. Prior to joining Peraton, Tom spent 17 years at Northrop Grumman in a variety of leadership positions. Most recently, Tom served as vice president, Defense & Intelligence, where he led a line of business that

EXPERT AREAS

Cyber Strategy, Defense, Citizen Security, Intelligence

MEDIA

[GOVCON Wire: Peraton to Support CENTCOM Mission Under \\$979 Task Ordered; Tom Afferton Quoted](#)

[Executive Biz: Executive Spotlight: Tom Afferton](#)



SHAWN CHENOWETH

Technical Lead Program Manager, OPIAS

BIO

Shawn the technical lead Program Manager for Peraton’s \$1 billion dollar OPIAS contract to support foreign information operations for the U.S. government. Under OPIAS, Peraton is increasing the ability of USCENTCOM and its mission partners to coordinate, collaborate, and fuse information related capabilities and information operations through effective messaging. Peraton will also drive innovation to boost IO capabilities, helping the U.S. extend its competitive advantage to achieve national security objectives. Previously, Shawn worked as a communications and strategy consultant for government and private industry clients specializing in information operations and program management, including Northrop Grumman’s Counter Threat Messaging Support Program.

EXPERT AREAS

Cyber, Intelligence, Defense

MEDIA

[Peraton: Chenoweth Share Things to Know About the Information War](#)

[Federal News: Central Command Awards a Gigantic Task Order to Help with a Range of Intelligence Challenges](#)



ANDREW HALLMAN

Vice President, National Security Strategy and Integration

BIO

As Vice President of National Security Strategy and Integration, Andrew leads Peraton's efforts to build, test, and execute transformative intelligence programs from concept through operations. Before joining Peraton in 2022, Andrew served in the Intelligence Community for more than three decades, in a career culminating in tours as the CIA's Deputy Director for Digital Innovation and the Office of the Director of National Intelligence's Principal Executive.

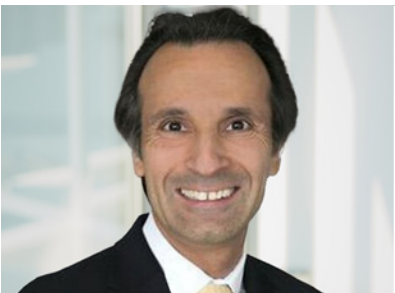
EXPERT AREAS

Intelligence Operations, Business Growth, Strategic Foresight, Technology Transfer

MEDIA

[Peraton: Hallman Talks Strategies to Outpace Adversaries](#)

[Intelligence Studies: U.S. Intelligence: New Challenges and Opportunities](#)



STAN PIETROWICZ

Research Director, Applied Cybersecurity and Network Modernization

BIO

As Research Director of Applied Cybersecurity and Network Modernization, Stan pioneered the 4-Quadrant, the SecureSmart critical infrastructure solution line, and currently leads groundbreaking research in cybersecurity for energy delivery systems, cyber-weapon hunting systems and automated cyber vulnerability analysis of embedded systems. He is a published author with 30 years of combined experience in smart energy, intelligent transportation, and communications, and holds 25 patents.

EXPERT AREAS

Smart Energy, Intelligent Infrastructure, Cybersecurity, Network Security

MEDIA

[Peraton: Pietrowicz on Supply Chain Resilience](#)

[Peraton: Stan Pietrowicz on Critical Infrastructure Risks](#)



JIM SCHIFALACQUA

Vice President, Chief Information Security Officer

BIO

As Vice President and Chief Information Security Officer, Jim is the senior executive leading the Governance Risk and Compliance (GRC), Security Operations, and Threat & Response functions for Peraton operating at company and client sites across the US. Jim is an information Security Leader and Expert in Cyber Security with over 30 years of hands on experience in a broad range of cyber security, risk management, security technologies, and enterprise solutions at the National Security Agency, Lockheed Martin, General Electric, and Serco. Jim received the 2020 CSO50 Award for his innovative approach to cybersecurity. Jim has architected the security and achieved operational authorizations for several highly secure government operations, including the USPTO Patent Classification Services, the HHS Affordable Healthcare Act paper application processing centers, the Federal Retirement Thrift Savings Plan, and the Virginia Department of Transportation Advanced Traffic Management System.

EXPERT AREAS

Governance Risk and Compliance, Threat & Response Analysis

MEDIA

[Peraton: How to Be Cyber Smart](#)

[WashingtonExec: Top 10 CISOS to Watch in 2021: Preaton's Jim Schifalacqua](#)



CHRIS VALENTINO

Chief Strategy Officer and Acting President, Peraton Labs

BIO

As Chief Strategy Officer, Chris is responsible for leading strategic market creation by operationalizing Peraton's strategy and partnering with C-Suite personnel and functional vice presidents, sector presidents, general managers, capture managers, and account managers for execution. Prior to joining Peraton, Chris spent 24 years with Northrop Grumman and its predecessor companies. Most recently, Chris was vice president, Information Warfare and Cyber Survivability and previously served as vice president, Global Cyber Solutions.

EXPERT AREAS

Strategy, Operations, Personnel Management

MEDIA

[Executive Biz: Peraton's Chris Valentino on How Industry Could Help DoD Advance JADC2](#)

[Peraton: Maneuvering in the Gray Zone: Preparing for Tomorrow's Battlespace](#)

ABOUT PERATON

Peraton is a national security company that drives missions of consequence spanning the globe and extending to the farthest reaches of the galaxy. As the world's leading mission capability integrator and transformative enterprise IT provider, we deliver trusted, highly differentiated solutions and technologies that protect our nation and allies from threats across the digital and physical domains. Peraton supports every branch of the US Armed Forces, and we serve as a valued partner to essential government agencies who sustain our way of life. Every day, our employees do the can't be done by solving the most daunting challenges facing our customers. Visit peraton.com/invisiblewar/ to learn how we're safeguarding your peace of mind.



Scan to learn more at
peraton.com/invisiblewar/