



The National Security Report—Everyday Extraordinary (Vol. 18)

Welcome to this special edition of the National Security Report. We know it's been a while since the last issue, but the Corporate Communications & Engagement team was hard at work these past few months creating a podcast series titled "Everyday Extraordinary."

When it comes to the question, "What exactly do you do at Peraton?", different people will answer in a variety of ways. The purpose of this series is to introduce you to the many facets of our company and what we are accomplishing.

Peraton is more than a defense contractor, tech company, and national security powerhouse. We employ extremely smart people who do incredible things that help keep the lights on, protect our nation, and push humanity's innovation to the farthest reaches of the galaxy.

We invite you to come along with us on this extraordinary ride.

Allow us to reintroduce you to the National Security Report, a recurring newsletter from [Peraton](#) covering evolving topics surrounding the nexus of traditional and nontraditional national security issues.

IN THIS 18TH EDITION:

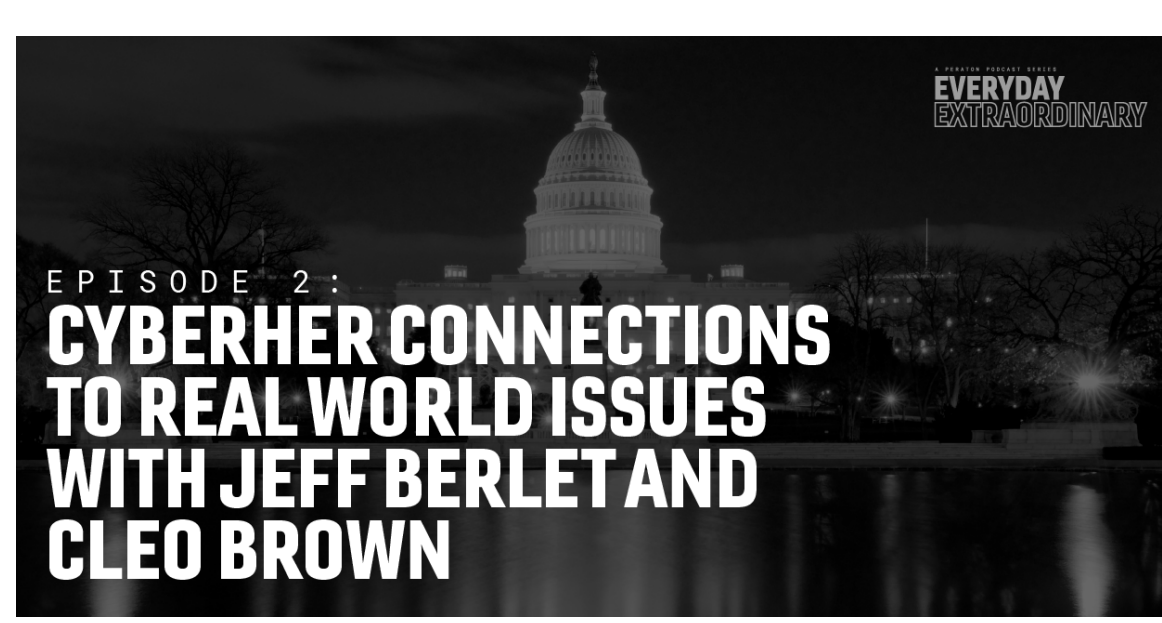
- Three Other Ways to Use AI (beyond emails, résumés, and tax breaks)
- How to Defend Your Networks from Grade Schoolers
- Who Exactly Translates Whispers from the Galaxy?
- Why Moir's Reference Warr't Suffice for the Background Check
- The Military Is Updating Its Database for the First Time in 20 Years!
- The MISO Did Orders for the Table
- Pay by the Glass, for Government Services
- The Geniuses Behind the COVID Vaccination Card



Multipurpose AI with Ritu Chadha

Artificial intelligence is a malleable, new technology with multiple use cases. At its core, AI enhances the way humans ingest, interact with, and impact the world. This can range from work assistance and home enhancements to offensive tactics in a digital war. In this first episode of the "Everyday Extraordinary" podcast series, Ritu Chadha, Ph.D., Peraton's senior research director, talks about how to clean and manipulate data to trick AI, how the DoD is using it to protect us from bad guys, and the evolution of AI from the 90s to today.

Release date: Sept. 3



CyberHER Security with Jeff Berlet and Cleo Brown

Cyber hygiene goes beyond a strong password and clearing your cache. The United States' cyber offensive and defensive strategies take it a step further. This episode places Cleo Brown, Army veteran turned senior enterprise and cloud computing architect/engineer advisor, and Jeff Berlet, senior director of technology, together in a room to talk about how Peraton helps the government ward off attacks. Cleo is the customer Jeff has supported his entire career. Both bring their expertise, and memories, to the forefront as we discuss all things cyber—from the Colonial Pipeline ransomware attack to the largest residential girls cyber camp in the nation.

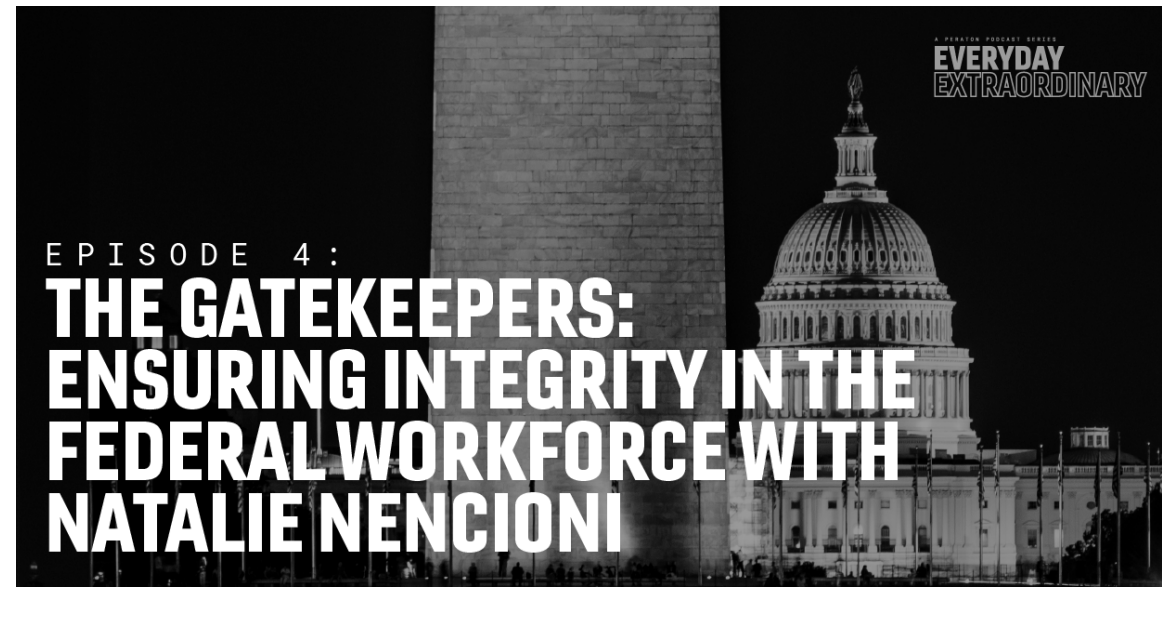
Release date: Sept. 17



All Things Space with Leslie Cunkelman and Sonny Giroux

This episode is special for two reasons. Remember your first job out of college? Well, Peraton was Leslie Cunkelman's first, and she's been with us ever since working as our outreach supervisor on the NASA JPL DSN contract. She is joined by Sonny Giroux who is the program manager for our Deep Space Network contract with NASA. Leslie and Sonny share what it's like to support trending launches, such as the Mars Rover and Artemis, from behind the scenes. They also reveal what happens during the seven seconds when a vehicle loses all comms support as it's re-entering the Earth's atmosphere. Exciting matter awaits you in this episode!

Release date: Oct. 1



Background Checks with Natalie Nencioni

Peraton is one of two contractors that handles the vetting process for the federal government. Chances are if you ever pursued a clearance, one of our people prepared your packet. Natalie Nencioni, senior director of operations at Peraton, has spent more than two decades perfecting this craft. The tragedy in September 2001 motivated her to follow in the footsteps of her FBI grandfather. How do you determine who to trust and who's out for sabotage? Can neighbors properly judge a character when society no longer borrows a cup of sugar? Natalie walks us through the conundrums our background investigators face with every candidate they interview.

Release date: Oct. 15



Updating the Military's Database with Tony Patillo

Imagine looking for a paper you wrote your senior year of high school. While your parents' house is a good place to start, the time spent manually sifting through memorabilia could take days to weeks depending on how your family organizes things. The military experienced its own version of this challenge with the existing modernized integrated database. Developments are currently underway to upgrade the database to a 21st-century solution, known as the machine-assisted rapid repository system. Tony Patillo, senior director for strategic innovation, sits down to tell us what goes in to such a major transformation process for the entire armed forces. Spoiler: it requires a lot more than organization cubes and a portable scanner.

Release date: Oct. 29



MISO (not the soup) with Shawn Chenoweth

Military information support operations (MISO) have taken on many names since the Cold War: mis/disinformation, information warfare, influence operations, psyops, etc. It's not a matter of who is right and who is wrong, but which narrative most aligns with the life you want to live. The "Hearts and Minds" campaign of yesteryear was launched on influence; 2024 technology has accelerated the carrier. Shawn Chenoweth, technical program manager for Peraton, tells us how this new arsenal of tools has allowed word to travel across the globe at lightning speed and where the US needs to ramp up investments. People are less inclined to fact check if information is shared by their peers, and our adversaries know this. A day in the near future could be a stark contrast to what we've always known if America doesn't win this invisible war.

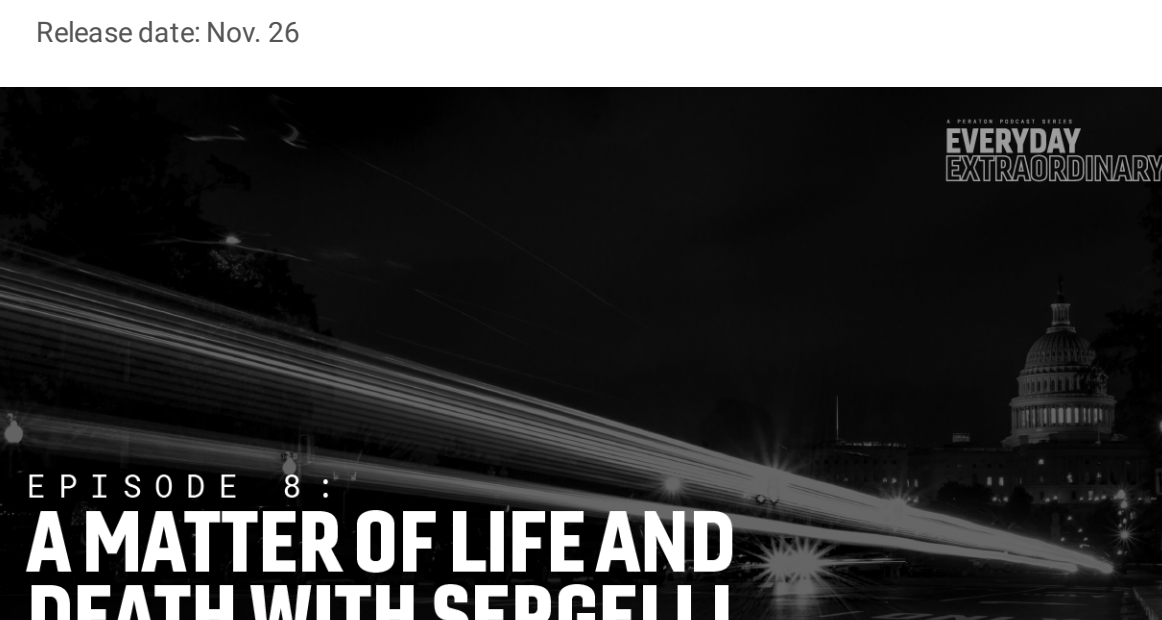
Release date: Nov. 12



Government as a Service with Rob Davies

No one cares if or how the A/C works unless it's broken. Similarly, we trust the government to function seamlessly without any glitches until we're reminded that humans are behind the curtain. Rob Davies, vice president and general manager of Peraton's financial and regulatory business, shares how critical federal agencies work with industry to provide efficient and affordable services to its citizens. He also discusses how as-a-Service options allow the government to pay for what they need, which helps prevent fraud and waste.

Release date: Nov. 26



The Evolution of Public Health with Sergei Li

Imagine dying from an infected blister. 100 years ago, the state of public health was so infamously that the son of a president had such a blister, and he could not be saved in time. Unfortunately, he passed away within a week of the infection. The health systems of today are able to handle the challenges of the 21st century—whether it's a blister, bioterrorism, a global pandemic, or an ongoing crusade like the global AIDS/HIV crisis. Sergei Li, vice president for public health programs, has witnessed firsthand how far healthcare has come. Listen to how he and his teams have tackled everything from H1N1 and the Ebola outbreak to COVID-19.

Release date: Dec. 10

What We're Reading

- Not About Us
 - [How AI Impacts Homeland Security](#) | RAND
 - [Vision 2024: Federal Market Forecast](#) | PSC
 - [New IT Roadmap Pushes AI at Scale for IC](#) | Federal News Network
 - [Big Defense Cybersecurity Requirements for Contractors](#) | Federal News Network
- About Us
 - [Tom Afferton on Improved Cybersecurity Outcomes](#) | HSDF Symposium
 - [Rebecca McHale on Doing the Can't Be Done](#) | FCEDA
 - [Andrew Hallman on the Next Wave of Threats](#) | The Washington Times
 - [Tom Terjesen on IT Lifecycle Readiness](#) | Federal News Network
 - [Mark Adams on Peraton's Grounding AI Models](#) | HPE GreenLake
 - [Amy Hopkins on Space in the Joint Fight](#) | CSIS

Meet and Greet

Here are some events where you can find Peraton experts and see our product demos:

- [Billington Cybersecurity Conference](#), Sept. 3 - 6, Washington, D.C.
- [Air Space Cyber](#), Sept. 16 - 18, National Harbor, MD
- [Cyber Brief Threat Conference](#), Oct. 5 - 8, Sea Island, GA
- [TechNet Indo-Pacific](#), Oct. 22 - 24, Honolulu, HI
- [DoDJS](#), Oct. 27 - 31, Omaha, NE
- [HSDF Border Symposium](#), Dec. 11, Washington, D.C.

About Peraton

Peraton is a next-generation national security company that reaches 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 U.S. Armed Forces, and we serve as a valued partner to essential government agencies that sustain our way of life. Every day, our employees do the can't be done by solving the most daunting challenges facing our customers.

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