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ENTERPRISE PATCH MANAGEMENT
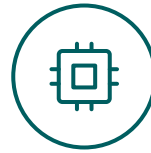
Corey Amsler, GE Vernova

15 years at GE/GE Vernova

Extensive experience across spectrum of IT

- 5 Years Vulnerability Remediation/Patching
- 5 Years Vulnerability Detection and Response

Corey Amsler

Director

Risk Management - EVM

![GE VERNOVA logo]

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April 2, 2024
Spun off from GE
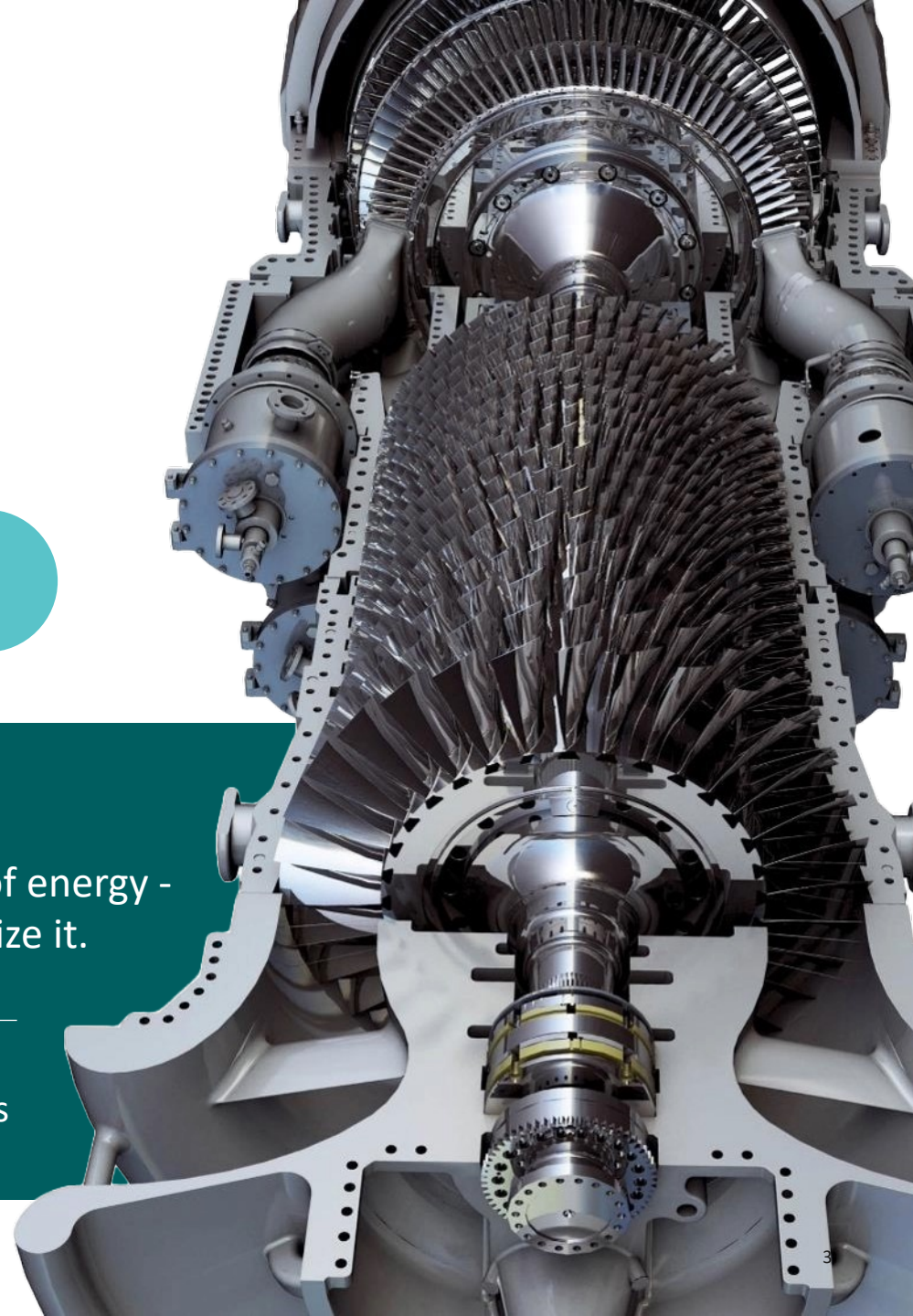
Cambridge, Massachusetts
Headquarters

75,000
Employees

Our purpose:

Building on 130+ years of experience, we are leading a new era of energy - electrifying the world while simultaneously working to decarbonize it.

Generate ~25% of worlds electricity with 55,000 wind turbines and 7,000 gas turbines

Problem Statement

CTO - Organization Needed to Provide Patching Services

Build Quickly

Infrastructure spans on-prem and multiple cloud providers

Qualys Patch Management selected after rapid evaluation

Reasons:

- ✓ Fast deployment & Implementation
- ✓ Expandable
- ✓ Unification of processes

Solution

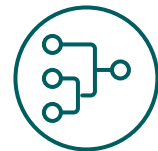## CTO - Partnership and Design Implementation

Standardized tagging is the keystone to a successful program

Mixture of custom attributes (on-prem) and cloud-based tags to develop scope

Firm and repeatable patching schedule

Utilize Qualys tagging and user role-based access to allow team members access to Patch Management

Continuous Improvement

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Enhanced native PM capabilities by using pre- and post-actions

- Use pre-action to install missing certs

- Patch Extended Update Support (EUS) servers

EVM team expanded into 3rd party patching

- Automated weekly

- Target high risk low impact including browsers

Results

Rapidly close vulnerabilities

Patching foundation set, can deploy to other teams as needed

Thousands of assets onboarded

Multiple Thousands of patches deployed

Minimal impact

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Corey Amsler

Director

Risk Management - — EVM @ GE Vernova

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www.gevernova.com

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