

CYBERSECURITY

CASE STUDY

The Challenge

The Client, a large government agency, wanted a review of its cybersecurity policy, as well as specific advice on how to remediate any issues that might be identified as a result of a thorough assessment.

The Solution

Assessing security is one of QED National's core specialties. The solution for the Client consisted of an assessment of the Client's policies in order to identify strengths, gaps and opportunities for improvement. Along with a report of these findings, a detailed list of recommendations for corrective actions would be provided.

Specifically, the methodology used for the assessment was based on industry standards and guidelines as referenced in the *National Institute of Standards and Technology's (NIST) Framework for Improving Critical Infrastructure Cybersecurity (Cybersecurity Framework)*.

Supporting standards included:

- NIST Cybersecurity Framework
- NIST Special Publication 800-53 Rev. 4 - Security and Privacy Controls for Federal Information Systems and Organizations
- NIST Special Publication (SP) 800-82 Revision 2 Title: Guide to Industrial Control Systems (ICS) Security
- International Organization for Standardization (ISO) and International Electrotechnical Commission (IEC) - "ISO/IEC 27001:2013 Information technology - Security Techniques - Information Security Management Systems"
- ISACA - "Control Objectives for Information and Related Technologies" (COBIT 5)

Policy Assessment Scope

The scope of this assessment included the review of policy level documents which govern cybersecurity concerns for the Client's operational technology systems. When additional details were necessary in order to establish conformance, supplementary standards and procedural documents were reviewed.

Results

Upon completion of the assessment, the Client received a detailed report of their security policies, standards, and procedures. The report established the level of conformance to cybersecurity functions, categories, and sub-categories of controls.

Additionally, QED National provided technical details on the strengths, gaps and opportunities for improvement, along with initial recommendations for remediation across all categories of Cybersecurity Framework controls.

About QED National

QED National is a certified Women-Owned Business Enterprise (WBE) and a trusted IT advisor to both public and private sector customers. Headquartered in New York City with offices in Albany, NY, QED National is driven by 24 years of industry expertise and guided by strong, ethical practices. We help our clients achieve their business objectives by providing innovative IT consulting, reliable staff augmentation and scalable technology solutions that make the most sense for them. Our outstanding service has earned us an extraordinary client retention rate of ninety-five percent.

Let us show you how QED National can help improve your effectiveness and profitability.

Give us a call at **(212) 481-6868** or send us an email at **info@qednational.com**.