

# MISSION

Cyber Workforce Development Platform



As the world's digital surface expands, cyber threats grow and adapt, driving organizations to acquire technology and hire specialized resources to defend their valuable information assets.

The growing demand for cyber talent is on the rise, and the timelines to deliver a capable workforce through traditional educational processes are too long.

A capable cyber workforce includes technical and nontechnical roles that are staffed with knowledgeable and experienced human resources who can address the cyber challenges inherent to enabling organizations to successfully implement and operate the security aspects of their missions and business processes connected to cyberspace.

Cybershield addresses these challenges by delivering KSAs, which are the attributes required to perform cyber work roles that are built through fast targeted education, training, and proficiency evaluation with our leading-edge, persistent cyber training ecosystem.



## Persistent Cyber Work Force Training

*The ability to prevent and respond effectively to a cyber incident, whether it be a simple event or a targeted cyber-attack, is not easily acquired through standard academic theory if not complemented with persistent hands-on training.*

Q-Mission is our KSA delivery platform comprised of a streamlined process that delivers knowledge, skills, and abilities via its tailorable content (K), practice (S), and evaluation (A) modules, which are built within a contained ecosystem that provides a secure environment that allows cyber trainees to learn, practice, design, rehearse, and launch cybersecurity and defense strategies and operations.

On Q-Mission, cyber workforces will acquire **\*\*NICE framework-aligned** proficiencies to detect, prevent, and respond to cyber incidents. Through our autonomous persistent training process, cyber workforces will encounter real-life dynamic scenarios where skills are developed and leadership can assess the abilities of an individual or team to fulfill specific cyber work roles.



### K - Knowledge

Our content is delivered through an LMS frame and is the product of a worldwide network of seasoned professional researchers, which develops real-world capabilities for our NICE-tailored syllabus.



### S - Skills

Skillssets are acquired on our leading-edge cyber range stacked with 500+ pre-configured VMs, and a resource-rich library containing multiple versions of OS, applications, web and mobile apps, security and network devices for customizable deployment of various red, blue, and white team scenarios built for persistent cyber exercising.



### A - Abilities

Our individual and collective evaluation system leverages proficiency metrics to assess technical, tactical, and strategic capabilities to profile distinct skill sets based on exercise performance.

Q-Mission, a Persistent Cyber Training Ecosystem,  
designed to deliver the best of breed skillsets and  
forge the next generation of CYBER WORKFORCE.

**\*REQUEST AN EXPERIENCE**

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\*\*<https://doi.org/10.6028/NIST.SP.800-181>

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