



**COMTECH™**  
Fluent in the Future



# Cybersecurity Training and Assessments

## Overview/Situation

Cyber threats are everywhere. Cyber defenders are hard to find. Reduce your risk and build your cyber resilience with cyber development solutions from Comtech CyberStronger™.

The world is experiencing a shortage of cybersecurity talent and capability. The (ISC)<sup>2</sup> 2022 Workforce Study reports there is a need for 3.4 million new professionals worldwide! With this talent gap, innovative approaches are required to improve access to training and to develop the skills necessary for success.

## The Solution



Comtech's CyberStronger solution allows organizations to identify and train new candidates both from the outside and from within their existing workforce. Government, corporate, and education customers trust Comtech CyberStronger to fill this workforce talent gap by quickly identifying skill levels, developing individual learning plans, and retraining employees to create a resilient, threat-ready, and homegrown cybersecurity workforce.

- Products include Cyber Reskilling Academy Bootcamps, training courses, 400+ hands-on labs, and CYBRScore® assessments
- Aligns with the U.S. National Initiative for Cybersecurity Education (NICE Framework) and the DOD Directive 8140 Workforce Framework.

## Find, Build, and Measure Cyber Talent

Comtech's CyberStronger™ offering includes security awareness training for all employees, ransomware protection solutions, and custom cyber ranges and exercises that let your employees train in networks that look like your own.

## CYBRScore® Skills Assessments

Tied to specific cyber job roles in the DOD and NICE Framework, the solution employs hands-on exercises hosted in a virtual environment and engages users in real-world simulated scenarios. Using Comtech's patented PerformanScore® technology, each assessment collects hundreds of data points in real time as the user completes the tasks. Once completed, the solution generates a score and report that outlines strengths and weaknesses, providing recommendations for skills development.

## Skills Labs

This hands-on library offers over 400 labs in various topics like: system hardening, vulnerability analysis, incident response, digital media forensics, malware analysis, penetration testing and general IT skills. Labs are browser-based - no special software, VPN, or plug-ins are required.

## Academy Courses and Reskilling Academy

CyberStronger™ proven bootcamps and courses provide entry-level through seasoned cyber professionals with world-class education to build knowledge, skills and abilities in the latest cybersecurity techniques and best practices.

# Solve Your Cyber Workforce Challenges

The CyberStronger product portfolio was created by a team of former National Intelligence Community members who all possess the necessary hands-on, practical cybersecurity experience and abilities required to meet the needs of our demanding customer base. Our experts share the intellectual curiosity to constantly ask the 'why' and 'how' as they develop and deliver truly unique products and services to help close the growing cybersecurity skills gap. The Comtech CyberStronger™ offerings include off-the-shelf and custom training, hands-on skills labs, and competencybased assessments mapped to cybersecurity job roles.



## CyberStronger Reskilling Academy

Comtech's CyberStronger Reskilling Academy provides intensive cybersecurity instruction over a period of 6-12 weeks using hands-on practical labs and assessments to equip your employees with the knowledge, skills, and abilities to serve in multiple work roles tailored to the NICE Framework, and be job-ready on Day 1, including:

- Cyber Defense Analyst (CDA) (SOC Analyst)
- Cyber Defense Incident Responder
- Digital Forensics Specialist
- Technical Support Specialist
- Network Operations Specialist
- Secure Software Developer (C#, C++, Java, Python, PHP)

All participants receive a CyberStronger CYBRScore Assessment for their designated work role prior to exiting the program. This detailed, performance-based assessment demonstrates how prepared candidates are for potential assignments and challenges by describing their skill level in critical job knowledge, tasks, and abilities. It also provides a training roadmap for improving their skills, providing managers a critical, unbiased measurement of the front line of their organizational cyber resilience—their people.

## Customer Benefits

- Scales to support growing workforce or student base
- Labs and assessments available on-demand, anywhere, anytime
- Over 20+ courses and 400+ hands-on labs mapped to knowledge, skills, abilities, and tasks for NIST/NICE Framework job roles
- Reskill and upskill employees for cyber security roles- "grow your own"

## About Us

Comtech Telecommunications Corp. is a leading global technology company providing terrestrial and wireless network solutions, next-generation 9-1-1 emergency services, satellite and space communications technologies, and cloud native solutions to commercial and government customers around the world. Our unique culture of innovation and employee empowerment unleashes a relentless passion for customer success. With multiple facilities located in technology corridors throughout the United States and the world, Comtech leverages its global presence, technology leadership and decades of experience to create the world's most innovative communications solutions.

## Contact Us and Schedule a Demo

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