

CASE STUDY

ARMY RESERVE COMMAND UPGRADES ITS CYBER AND SIGNAL TEAMS TO PROVIDE UNPARALLELED CYBERSECURITY TO THE U.S. ARMY WITH COMPTIA SECURITY+ TRAINING

By NETCOM LEARNING

NetCom Learning upskilled the workforce of the U.S. Army Reserve Command on cybersecurity to upgrade their cyber and signal units and provide resilient network security to the Army. In this story, we walk through a learning journey where we delivered training on the latest version of CompTIA Security+ (SY0-601). Our training supported this organization in fulfilling its emerging security needs and providing uncompromised, high-performance security in order to support ongoing military operations and missions.

The Client

Our client is an Army Reserve operational and functional command of nearly 4,500 soldiers and civilians, based in East Point, Georgia, United States, providing signal and cyber units throughout the United States and overseas. Being one of the Army's four theater signal commands, its mission is planning, engineering, installing, maintaining, and defending the Army's global Information Network in Southwest Asia.

To be able to provide dedicated command, control, communications, and intelligence support at the U.S. military's strategic level, the client wanted to train its teams on the latest security trends and needs. NetCom Learning chose CompTIA Security+ 601 training for the soldiers to ensure they are upskilled to follow their mission and effectively defend the Department of Defense Information Network from enemies with malicious intent.

Upskilling the Soldiers at The Right Time

After assuming the role of the Functional Cyber Command for the United States Army Reserve, the client is now responsible for organizing, manning, training, and equipping all cyber units in America's Army Reserve, in addition to running networks.

By engineering, installing, and maintaining the Army Central Command's communications network, the client is required to provide relevant data across a shared network to allied forces. In order to integrate, secure, and defend the Army networks in the United States, it became necessary to upskill and reskill the soldiers on the latest security demands and prepare them for any future threats.

Why CompTIA Security+ (SYO-601)?

The client wanted to equip the teams with baseline security readiness and response to modern-day security threats. NetCom Learning chose the latest version of CompTIA Security+ certification as it is approved by the Department of Defense by the U.S., reflects necessary security expertise, and would prepare the soldiers to be more proactive in preventing potential cyberattacks.

Digital Defense Through Authorized Security Training

NetCom Learning delivered CompTIA Security+ Certification Prep (Exam SY0-601) training to the workforce of the Army Reserve. Our authorized security trainer provided hands-on learning on all five domains of the SY0-601 version, ensuring the teams are better prepared to solve a wider variety of complex issues.

Our Security+ SY0-601 training program focused on the latest security practices and developed the teams' expertise in core technical skills, such as assessing and managing risk, incident response, forensics, enterprise networks, security controls, and cloud operations. The training covered the market trends and latest updates on risk management and mitigation, responding and treating threats, and various auditing and penetration testing skills.

Extended Network Capabilities of Signal and Cyber Domains to Support Military Missions

NetCom Learning's training solution helped the soldiers bring the best networking, information technology, and cybersecurity practices into action, making them some of the most capable and combat-ready signal and cyber warriors in the U.S. military. The workforce is now well prepared to identify, terminate, and counter various cyberattacks by implementing defensive cyber operations.

The client was able to develop resilient cyber and signal solutions to provide secure communications networks for all branches and control levels of the armed forces and help them carry out their missions:

High-Tech Data Security Solution - The training helped the soldiers upgrade their security systems to a high-tech data security solution that offers certified encryption of strictest standards. This solution is easier to use and limits the potential to bypass the security system.

Protected Satellite Communication Systems to Guarantee Long-Range Connectivity - The teams also updated their satellite communication systems that offer end-to-end military communication ground segment solutions, (including anti-interference and anti-jamming capabilities), in order to maintain connectivity under extreme threats.

Secure Radio Communications Solution - After the soldiers were upskilled, they developed fully integrated and secure radio communications solutions to ensure confidential transmission in both stationary and mobile operations.

NetCom Learning's Training Solution Supported the Client in its Mission

The client's workforce, responsible for defending the Army's entire communication and network system, was able to implement appropriate security and signal solutions on various missions for the Army's continued success. NetCom Learning always strives to serve its clients with inclusive training solutions, certified instructors, hands-on labs, learning resources, and more. The client was thrilled to see the training results and has requested more upskilling sessions with us. We provide security training solutions from Microsoft, Cisco, AWS, CompTIA, and other renowned brands. Find your business training solution with NetCom Learning.

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NetCom Learning is an award-winning global leader in training, learning solutions, and talent development. Since 1998, we've been in the business of helping organizations reach optimal performance results and address challenges by managing all aspects of organizational learning.

With a team of dedicated and knowledgeable learning professionals having deep subject-matter expertise, NetCom Learning has serviced over 80% of Fortune 100 companies. We've helped over 10,000 organizations achieve their business goals by offering a full complement of Managed Learning Services, including IT and business training, curriculum design and content development, learning delivery and administration, consulting and advisory services, and management of learning technology.

We believe that an organization's ability to learn—and translate that learning into rapid action—is the ultimate competitive advantage.



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