CYBER TEST SYSTEMS

HYBRID CYBER RANGE CTS-HCR

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The Cyber Test Systems Hybrid Cyber Range CTS-HCR is an infrastructure that replicates real-world production environments. It integrates a physical infrastructure with virtualization technologies design to replicate network architectures in data center, mobile racks or cloud-based systems. This versatile environment enables organizations to train personnel, test cybersecurity tools, and execute complex cyberattack scenarios — all within a secure and controlled setting.

The Cyber Test Systems Hybrid Cyber Range CTS-HCR is based on a **Management Core CTS-HCR-MC** which can combine three differents flavors

Cyber Test Lab
CTS-HCR-CTL

This environment is dedicated to evaluating cybersecurity products under realistic conditions. It allows for comprehensive performance validation, compliance and certification testing against regulatory standards, and in-depth analysis of system behavior to ensure product reliability and effectiveness.

Cyber Research Lab
CTS-HCR-CRL

This environment offers a secure and isolated platform for one or more organizations to design, develop, and refine innovative cybersecurity solutions. Usually used by R&D teams, it supports collaborative research and experimentation while protecting intellectual property and sensitive data

Cyber Training Environment
CTS-HCR-CTE

This environment provides a secure and realistic infrastructure designed to train both offensive and defensive cybersecurity teams. It can replicate either generic network topologies or mirror a production environment's specific topology through digital twinning. It enables companies and government entities to simulate real-world cyber threats, enhancing team readiness and response capabilities in a controlled, risk-free setting.

Part Number	Description
CTS-CS-CTS-HCR	Cyber Test Systems Hybrid Cyber Range CTS-HCR

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