

# CACI's eXtended Reality Solutions Lab



## CACI eXtended Reality Transforms Capability and Competencies

CACI's eXtended Reality Solutions Lab (XRSL) delivers innovative visualization, virtualization, and risk mitigation technologies and capabilities for customers. Interactive multimedia, augmented reality (AR), virtual reality (VR), and mixed reality (MR) solutions improve organizational effectiveness and workforce development, and enhance business capability. Interactive multimedia instruction (IMI) and extended reality (XR) are accelerating how people learn and connect with information, experience complex and high-risk operational environments, and engage in live, virtual, and constructive (LVC) scenarios.

Using Agile development protocols and proprietary foundation code, our XR transforms how customers engage their workforce and stakeholders, operate and train critical skills, execute missions, and deliver results. Our engineers and instructional designers create multi-layer, multi-player capabilities that interact with real-world data and information to enhance and improve spatial visualization, mitigation of high-risk field operations, data center management, ship construction and configuration, combat system engineering, human systems engineering, behavioral performance measurement, and more.

CACI's XRSL hosts an extensive collection of XR solutions that showcase diverse levels of functionality and interactivity. The XRSL's virtual world of possibilities house an enormous depth and breadth of capabilities and innovative options available to customers to respond to the toughest organizational and operational challenges. As we grow, we are incorporating enhancements such as streaming multiplayer, sensory, and holographic capabilities into our offerings.

**EXPERTISE** and **TECHNOLOGY** for National Security

For more information, contact:

### **Nancy Hite**

IMI/XR Solutions Program Manager  
Training and Warfighter Readiness  
(757) 640-6441  
nhite@caci.com

### **Joe Squitieri**

Business Development Executive,  
Navy Engineering Support and  
Solutions (ES2) National Security  
and Innovative Solutions (NSIS)  
(281) 703-9599  
joseph.squitieri@caci.com

For more information about our  
expertise and technology visit:

[www.caci.com](http://www.caci.com)

**CACI**  
EVER VIGILANT

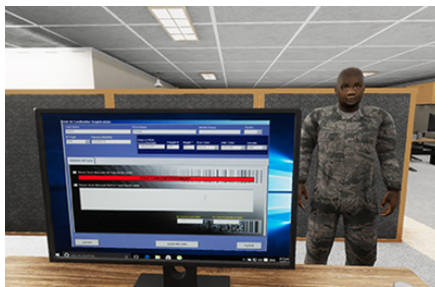
## Showcased XR Demonstrations

- High-risk operating environment: Chemical, biological, radiological, and nuclear (CBRN) defense survival skills
- Geospatial and environmental applications: Urban environmental global positioning system (GPS) reflecting current time zone, season, and hemisphere data to augment realism
- Deployed operator-maintainer scenarios: AR/VR/MR/virtual maintenance trainer (VMT) embedded into a complex scenario for realistic field support
- Customer service support: Adaptive communications and direction



## Speech Recognition

Speech recognition can be used in place of traditional input devices, such as controllers or mouse and keyboard. Our speech recognition method uses phrase recognition because of its accuracy and flexibility when compared to other methods.



IOS is a registered trademark of Cisco Systems, Inc. and is used by Apple under license. Android is a trademark of Google LLC. Windows is a registered trademark of the Microsoft Corporation. This material consists of CACI International Inc general capabilities information that does not contain controlled technical data as defined within the International Traffic in Arms Regulations (ITAR), Part 120.10, or Export Administration Regulations (EAR), Part 734.7-10. (PR ID430) 11/5/2021

## Server Diagnostics and Repair Simulation

Multiple server racks are equipped with a fire suppression system and other various alarms. Users are tasked with server repairs while receiving feedback from the server system.



## Operating Environment

CACI's XR technology and solutions are designed for platforms using MS, iOS®, or Android™ operating systems. The XRSL is a Windows®-based platform that includes AR, VR, personal computer-simulation (PC-SIM), and cutting-edge IMI functionality that can be applied across the XR spectrum.



**CACI**  
EVER VIGILANT

EXPERTISE and TECHNOLOGY  
for National Security

At CACI International Inc (NYSE: CACI), our 24,000 talented and dynamic employees are ever vigilant in delivering distinctive expertise and differentiated technology to meet our customers' greatest challenges in national security and government modernization. We are a company of good character, relentless innovation, and long-standing excellence. Our culture drives our success and earns us recognition as a *Fortune* World's Most Admired Company. CACI is a member of the *Fortune* 1000 Largest Companies, the Russell 1000 Index, and the S&P MidCap 400 Index. For more information, visit us at [caci.com](http://caci.com).

### Worldwide Headquarters

12021 Sunset Hills Road, Reston, VA 20190  
703-841-7800

### Visit our website at:

[caci.com](http://caci.com)

### Find Career Opportunities at:

[careers.caci.com](http://careers.caci.com)

### Connect with us through social media:

