

# Defence Integrated Readiness Portfolio

Prepare in peace today for the war tomorrow

Defence readiness isn't optional—it's mission-critical. Yet resource constraints, tight timelines and competing personnel priorities make it a constant challenge.

At Calian, we provide exceptional value to defence organizations through a fully integrated readiness solution that combines advanced training, warfighter employment optimization and adaptive equipment and technical support.

With over 25 years of experience and a dedicated team of subject matter experts, Calian uses state-of-the-art technology and highly experienced personnel to deliver comprehensive and effective training solutions, ranging from individual skills development to formation-level headquarters preparation. Our commitment to excellence ensures your forces achieve peak operational capability across all levels.

Calian understands the vital contributions of uniformed personnel and provides integrated professional services and technology to support critical functions and optimize force efficiency. In an environment of rapid innovation and emerging challenges, Calian's multidisciplinary teams in training, engineering and cybersecurity are at the forefront, delivering versatile equipment and technical support through agile processes and product development. This integrated approach ensures that our clients are fully equipped to meet current and future operational demands.



# Road to Readiness Continuum

## Individual and Team Readiness

### Individual Training and Support

- Individual weapons practice
- Crew served weapons training
- Veh crew skill training
- Indiv and det-level TTPs and skills
- Training course design
- Personnel support to school and unit individual training courses

## Unit Readiness

### Unit Collective Training Delivery and Support

- Section to battalion/regiment TTPs in multiple environments and terrain
- Simulation force-on-AI or force-on-force
- Live force-on-force
- Individual arms or combined arms
- Live fire design and management support
- Experimentation

## Formation Readiness

### Formation Collective Training Delivery and Support

- Brigade to joint force TTPs in multiple environments and terrain
- Simulation force-on-AI or force-on-force
- Experimentation

### Professional Development

Wargaming | Virtual battle/campaign studies | SME briefings

### Calian Support Tools

MITT | Audio Distribution System | MaestroEDE | VCCI federation | ARAMIS DA and AAR support  
SIMCENTRIC range planning + management | VR/AR/XR

### Calian Support Services

Trex-3D | Training and courseware development | Health services | Maint and logistics services  
Range control | HQ personnel augmentation



## Our Integrated Solutions Portfolio

Integration and adaptability are core to Calian's defence portfolio. Throughout the military readiness training continuum, across multiple warfighting domains, and at any level of operation, Calian can tailor a comprehensive solution with our unique training readiness services and products. Calian provides an integrated "train-as-you-will-fight" environment that prepares the military for almost any situation.

### Modular Integrated Individual and Team Trainer (MIITT)

Calian integrates commercial off-the-shelf (COTS) virtual, constructive and live simulations and simulators to meet diverse training requirements. Enabled by Calian's Virtual Command and Control Interface (VCCI), these solutions—which can include VR/AR/XR—support both individual and collective training across all operational levels, ensuring maximum flexibility and realism in every training scenario.

### Battlefield Effects and Advanced Simulation Technologies

Battlefield effects, weapons simulation and the use of role players bring immersive realism to the training environment. Calian can incorporate VR, AR and XR technologies into existing simulation systems, enhancing both engagement and instructional value.

### Training and Exercise Design, Development and Delivery (TrEX-3D)

Calian designs comprehensive training courses using multi-modal delivery methods, including in-person instruction, distributed learning and VR/AR-supported experiences. Exercises are delivered by a dedicated team—comprising planners, scripters, managers, network and C5ISRT technicians, role players, and simulation operators—ensuring seamless and effective training operations.

### Wargaming, Modelling and Live Fire Range Services

Our experts in wargaming, modelling and simulation support strategic and tactical decision-making. Calian also specializes in live fire range design and management, offering safe, efficient and realistic live training environments.

## Professional and Consulting Services Augmentation

Calian offers individual and cadre staff augmentation for non-combat positions, supporting a wide range of functions including training, operational staff, medical, air MEDEVAC, cyber, network, logistics and maintenance services. As part of our professional consulting services, we help develop the skills needed for pre-deployment strategies, staff college training, doctrine development and maritime training. This augmentation enables organizations to focus uniformed personnel on essential warfighting roles while maintaining operational effectiveness across all support domains.

### The Maestro Exercise Design Environment (EDE)

MaestroEDE® is a comprehensive training management system that seamlessly integrates modules for event design, event control, content development, content management and learning management, all enhanced by AI-supported scripting and analytics for improved efficiency and instructional value.

### The Virtual Command and Control Interface (VCCI)

Calian's Virtual Command and Control Interface (VCCI) enables the integration of synthetic environments with operational C5ISRT systems, providing users with powerful data analytics and after-action review tools to support effective decision-making and mission analysis.

### The Audio Distribution Service (ADS)

Calian's Audio Distribution Service (ADS) facilitates the transmission and reception of MD radios or IP voice networks across both operational and training systems, while offering robust features such as audio capture, playback and automated voice-to-text stenography to streamline communications and documentation.

**A training environment that is harder than the actual fight, making soldiers and support teams more prepared than ever before**

## Our Experience

Calian has a long-standing and expanding role as a mission-critical training and exercise partner to NATO, delivering integrated readiness solutions across strategic, operational and tactical levels.

### Calian Defence Services

Calian provides the following readiness support capabilities:

- Strategic consulting services
- Training and exercise design, development and delivery from team to joint force level
- Wargaming services for NATO and NATO countries
- Curriculum development and academic instructors
- Concept and capability development consulting
- Health professionals and training AEROMEDEVAC provision
- Vehicle and weapons maintenance services
- Engineering and manufacturing of defence products and components
- Provision of VCCI and ADS
- VR-based training modules
- Machine learning and artificial intelligence development for training and operational support

## How Calian Supports NATO and NATO Nations

### Strategic and Operational Exercise Support

Calian has supported over 75 NATO large-scale exercises in the past 15 years, providing end-to-end training design, scenario development, computer-assisted simulation, mentoring, advising and role-player support.

Through contracts such as the NATO 360° Collaborative Production Environment, Calian continues to serve

as a formal mission partner for the NATO Joint Warfare Centre (JWC) in Stavanger, Norway—NATO's hub for high readiness, joint and multi-national training.

## How Calian Supports the British Army

### Project Numidian

Calian is the sole provider of exercise role-playing environments. Supporting the British Army exercises for over a decade, Calian employs more than 1,000 personnel across the UK as role players, SMEs, scenario developers and exercise control staff for major British Army training events.

In addition, Calian provides the British Army with computer-assisted synthetic exercise environments, leveraging NATO-standard methodologies and advanced simulation systems to prepare for joint and multinational operations.

## How Calian Supports the Canadian Army

### Canadian Army Simulation Centre (CASC)

Calian is one of the Canadian Army's longest-serving training and simulation partners, delivering advanced, integrated training solutions for nearly three decades. We deliver training, exercise design, simulation support and technology integration across the major bases. Calian supports CASC in delivering hundreds of large-scale, complex exercises, including joint and multi-national exercises with NATO, helping the Army prepare for multi-domain operations, reducing the resource burden and increasing readiness.



Please contact us to learn more about our readiness portfolio and how we are helping Canadian, British and other allied NATO nations deliver combat preparedness training.



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