

# iCASS™

## IMMERSIVE CLOSE AIR SUPPORT SIMULATOR

The immersive Close Air Support Simulator is an affordable, highly capable, accreditable FAC/JTAC simulator in accordance with NATO STANAG 3797 and US JFS ESC MOA.

### DESIGNED AND RATIFIED BY THE COMMUNITY

The iCASS was conceived and designed by, very experienced JTAC Instructors and CAS Pilots, for JTAC training. It is designed to meet or exceed all JTAC training accreditation standards at an affordable price. It includes capability well beyond required standards including Digitally Aided CAS, tactical data link picture, full Electronic Warfare threat replication, physics based infra-red, and bespoke form fit function equipment

### iCASS™ 240 FEATURES

- **Accredited** – Meets US and NATO JTAC simulator accreditation standards. Permitted to replace live controls as part of a national JTAC Training Program.
- **Immersive 240° Wide by 120° Vertical Field of View** – Full immersion and ability to respond to visual and aural cues while using JTAC equipment without restriction. Multiple Visual System Options are available, including helmet mounted displays and head tracking flatscreen.
- **Form Fit Function Equipment Suite** – Laser Target Ranging and Designation, IR Marking, and Comms – (Optional National In service equipment replication made to your requirements).
- **Fully integrated Digitally Aided CAS (DACAS)** – messaging, downlink, and Tactical Datalink (Optional).
- **Full After Action Review (AAR)** – post mission data analysis including time synchronised communications playback.
- **Configurable Multi Role Stations** – Scenario controller, Pilots (FW / RW / RPAS / Gunship), JFO, Role Player.

### ACCREDITATION ASSURANCE

CAS have been through the JTAC simulator accreditation process many times; you can be assured of a well-managed, supported and successful outcome to your accreditation visit. iCASS™ 240 has been accredited as part of the UK JTAC training program in April 2015 to replace: Types 1,2,3 controls, day, night, IR pointer, Full Motion Video, Surface Fires, and laser.

### IN USE, PROVEN, AND RAPID DELIVERY

CAS delivered a US and NATO accreditable iCASS-240 and iCASS-Desktop both with a suite of form fit function equipment (F3E) and the fully integrated Digitally Aided CAS Capability add-on pack, to the UK JTAC training school.

**From contract award to full operational capability in less than 4 months.**

### GET IN TOUCH TO DISCUSS YOUR REQUIREMENTS

iCASS™ is a modular system and can be configured for your choice of: **ROLES, VISUAL SYSTEM,** and **ADDITIONAL FUNCTIONS.**

See [www.closeairsolutions.com/modularicass/](http://www.closeairsolutions.com/modularicass/) for details.

We are ready to listen to your requirements and tailor the iCASS™ system to meet them.

Please contact our team on: **+44 113 314 8272** or [iCASS@closeairsolutions.com](mailto:iCASS@closeairsolutions.com)



# RUGGEDISED DEPLOYABLE IMMERSIVE CLOSE AIR SUPPORT SIMULATOR (RD-iCASS) FEATURES

## ❑ FULLY MODULAR AND TRANSPORTABLE

The Ruggedised Deployable Immersive Close Air Support Simulator (RD iCASS) is completely modular version of the iCASS™ Full Mission Simulator that was delivered and accredited as part of the UK JTAC Training programme. The entire system is mounted and encased in ruggedised man portable casing that can be transported over land or by sea, and set up in any location.

## ❑ MEETS ACCREDITATION STANDARDS

It meets all JTAC Accreditation Requirements in accordance with Joint Fire Support Executive Steering Committee (JFS ESC) Action Plan Memorandum of Agreement Joint Terminal Attack Controller (JTAC) (Ground).

## ❑ MULTIPLE IMAGE GENERATOR SUPPORT

The system is capable of running multiple image generators, such as the MetaVR Virtual Reality Scene Generator (VRSG) and BIS Virtual Battlespace 3.

## ❑ HEAD MOUNTED DISPLAYS SUPPORT

The system uses industry leading head mounted displays. The trainee has complete immersion with a 360 by 360 field of view. Trainees are able to visually assess attack aspect of aircraft engaged in CAS attacks (Type 1).

## ❑ MODULAR

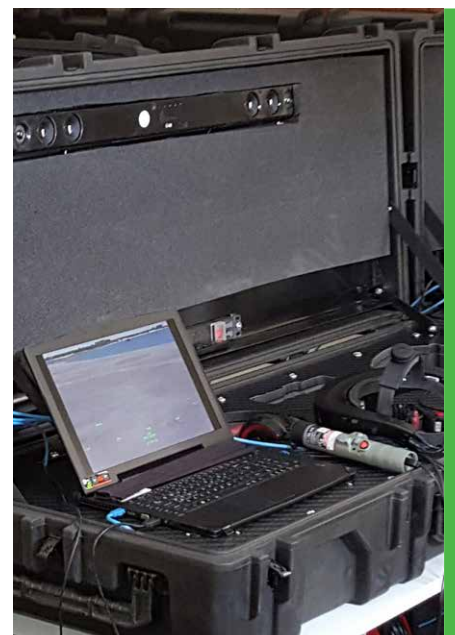
Able to add additional role stations including: JFO, additional JTAC, ISTAR control, additional aircrew (RW, FW, UAS). No disposal or reconfiguration necessary.

## ❑ RECONFIGURABLE

The system is able to change roles to suit training requirements. For example the system can be re-rolled for TACP, ASOC and UAS training.

## ❑ SIMULATED MILITARY EQUIPMENT

The system can be optionally configured to be delivered with nation specific equipment that is fully integrated, such as: IR Pointers, Laser Range Finders, Laser Target Designators, and DACAS Terminals



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CALL US ON +44 113 314 8272 FOR FURTHER DETAILS