



JOINT FIRES SIMULATION & TRAINING SYSTEMS (JF STS)

Bringing the real world to life for unrivalled Joint Fires training



The JF STS is a state-of-the-art Indirect Fire and Close Air Support (CAS) training system, used by the U.S. military and coalition partners around the world, to train and support their JTAC, FAC, FO and JFO communities.

The only Joint Fires simulation system you'll need

QuantaDyn's JF STS is a modular, fully scalable training system that accurately simulates real world conditions to enable your trainees to safely understand the capabilities and limitations of the real-world weapon delivery system.

Developed in close and ongoing collaboration with the world's best Fire Support Specialists, the JF STS is as close as your trainees can get to the real thing, ensuring their training is second-to-none.



Extensive and varied use by militaries world-wide

The JF STS has been contracted extensively across the U.S. as well as numerous countries in the Middle East and Europe to meet a wide variety of training requirements.

Developed and refined over a 15 year period, QuantaDyn's sophisticated development and delivery process ensures continually high levels of customer satisfaction.

PROVEN

- QuantaDyn has delivered, and is delivering more than 50 JF STS systems, with options for another 30
- Recently awarded JTC TRS – the JTAC training "Program of Record"

RELIABLE

- Low maintenance, highly reliable COTS hardware
- Large user base, thoroughly tested - countless training hours logged

INTEROPERABLE

- DIS architecture ensuring interoperability with other DIS systems and networks

SCALABLE

- Fully scalable to meet the unique needs of our customers, from desktop systems through 8 meter domes

MODULAR

- Easily configured to meet any training need, from procedural to full combined arms training





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Current Programs

- Advanced JTAC Training System (AJTS)
- Joint Terminal Control Training Rehearsal System (JTC TRS)
- JTAC-TACP/Operational Simulation Suite (J-T/OSS)
- Joint Theater Air Ground Simulation System (JTAGSS)
- Collective Unit Training Solution (CUTS)
- Air National Guard Advanced JTAC Training System (AAJTS)

JFS ESC Accreditation

AJTS, the core device in the JF STS Product Line, has been accredited by the Joint Fire Support Executive Steering Committee (JFS ESC) to replace live controls, Type 1, 2, and 3, both day, night, with laser designation as required for JTAC qualification and currency training IAW the JTAC MOA.

Developed with JTACs, for JTACs

The JF STS evolved from the Air National Guard AJTS (AAJTS), a unique and hugely successful industry and end user cooperative effort

JF STS Standard Configuration

The JF STS products consist of two major components:

- The Student Station - an immersive visualization system complete with a wide array of simulated military equipment devices
- The IOS - includes two major workstation positions, the Operator Station and Role Player Station, as well as an additional station w/radios for Observer or Ground Commander Role Player

Performance Capability IOS

- The JF STS product line with a full spectrum of virtual close air support and indirect fire assets
- Simple point and click interface to generate, start, pause, and stop scenarios
- Instructor/Operator capability to run simultaneous CFF, Naval Gunfire, fixed wing CAS, rotary wing CAS, UAV CAS, and AC130 Gunship support missions, as well as run a division level fire plan



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About QuantaDyn Corporation

QuantaDyn supplies simulation and training systems to the U.S. military and coalition partners around the world. Our goal is to provide modern, innovative answers to training needs, while taking full advantage of commercial-off-the-shelf (COTS) technology. Our experience includes virtually all phases of training device development for Joint Fires as well as both fixed and rotary wing aircraft for use on military and commercial programs.