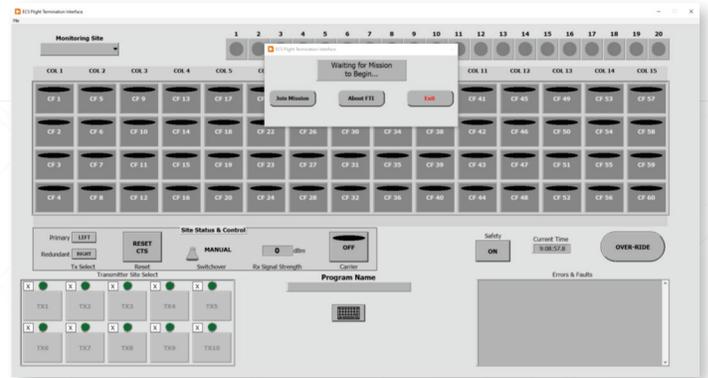


FLIGHT TERMINATION INTERFACE

ECS' Flight Termination Interface (FTI) is our modern software solution for Flight Safety Officers (FSOs), offering unprecedented command and control of Command Transmitter System (CTS) hardware at up to 20 remote sites. Designed to run on commercial PC hardware, the FTI is a powerful, low-cost soft panel that supports both touchscreen and desktop configurations.



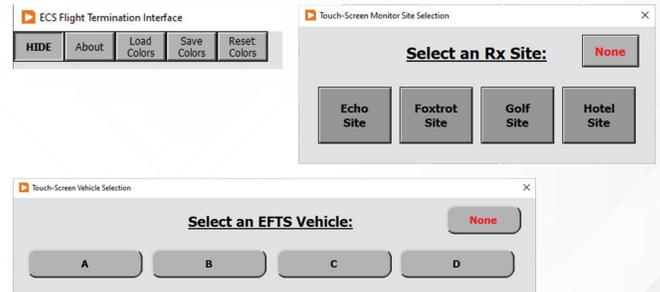
Up to 60 programmable buttons can be customized for flight termination or other transmitter functions, with additional controls for site select, carrier control, and failover control, as well as allowing or denying auxiliary devices to participate in mission operations. The FTI receives live feedback from both the selected transmitter system and the selected receiver, color coding it for rapid situational awareness while also displaying detailed information about any system faults that occur. One or more FTI panels can also be present at each remote transmitter site, allowing local control by site operators.

Key Features

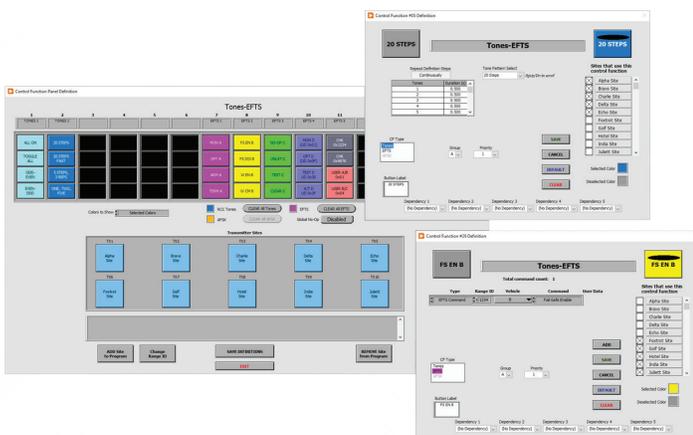
- Powerful, customizable mission panel that supports both desktop and touchscreen configurations
- Control up to 60 programmable command buttons, each with custom label and coloring, in a 4x15 grid
- Customizable column header text and coloring
- IRIG Tones: Live feedback; individual control of each of the 20 tones
- EFTS: Live color-coded feedback for each EFTS field; select up to six vehicles for feedback
- AFSK: Live feedback of the transmitted command (monitoring feedback to be added)

Key Features (Cont.)

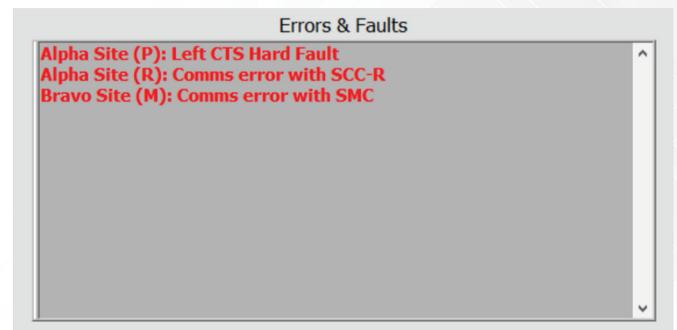
- Additional controls for carrier, primary transmitter selection, and enabling or disabling of the automated failover between transmitters, plus resetting hardware faults
- Receives live feedback from both transmission and monitoring systems for all mission types
- Support selection between up to 20 transmitter sites and 20 monitoring sites, including detailed fault information from all subsystems; also allows for cross-monitoring
- Configurable safety features: single- vs. double-click, Safety button to confirm actions, and more
- FTIs can be centrally located for overall mission control or present at a remote transmitter site to allow local control of the transmitter
- Permissions system ensures only those FTIs permitted to join a mission can do so
- Status windows at the central control computer show live updates for each FTI in the mission
- Supports single network connections, redundant network connections via NIC teaming, or dual independent network connections
- Up to six central control panels can participate in a mission, plus up to two local panels per site
- “Demonstration-Mode” standalone software available on request



Touchscreen Mode Offers Larger Buttons and Popups for Accessibility



*Programming Screens
(Range Control Computer)*



Live Fault Display