

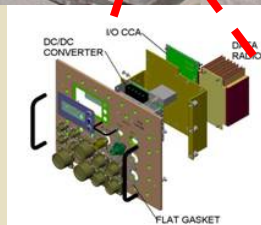
Live Fire Range Target / Pit Controller Upgrade

FEATURES

Breathe New Life into existing Live Fire Targets for a fraction of the cost of a new system.

Over 2000 Systems fielded at NTC offering state-of-the-art Range and Target control:

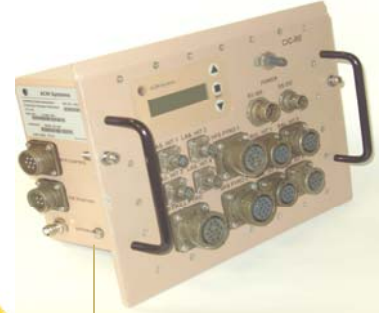
- **Interface to, status and control existing lifter, BFE devices, and sensors**
- **FASIT Compliant; Enables future growth adding new sensors and effects devices**
- **LAN or RF network interfaces support new or existing range radios**
- **Ultra small rugged computer and I/O circuitry fits in almost any form factor**
- **Over-the-air reprogrammability**



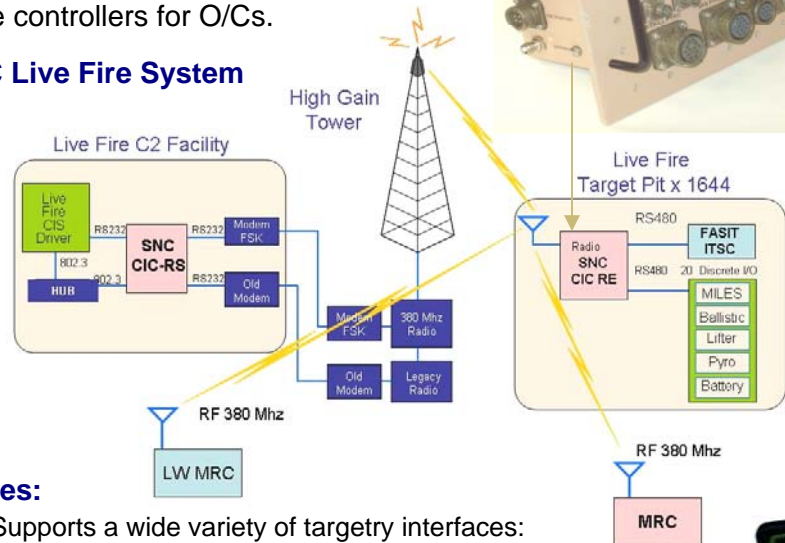
Sierra Nevada Corporation
 3034 Gold Canal Drive
 Rancho Cordova, CA 95670
 Phone: 916.859.4777
 Fax: 916.859.4775
 WWW: www.sncorp.com

SNC Force-on-Target Live Fire Training Solutions

- SNC's mini rugged computer and I/O circuitry replaces legacy target computer systems that are unsustainable with a fully digital system that is FASIT compliant and over the air reprogrammable.
- SNC developed and fielded this capability to replace virtually all NTC Live Fire range components between the range control workstations and the target pit lifters to include RF network controllers and mobile range controllers for O/Cs.



NTC Live Fire System



Interfaces:

- Supports a wide variety of targetry interfaces:
 - Laser Hit Sensor (MILES)
 - Ballistic Hit Sensors
 - Hit/Kill Pyro Device
 - Hostile Fire Simulator (HFS) Pyro
 - Target Limiting Switch
 - Target Motor Controller
 - MRC/Maintenance
 - Target Pit Battery Life
- Accept Commands From Range Operations Center, Command and Control, Field Service Equipment, or MRC
- Easy removal and installation
 - All Electronics attached to the front panel
 - Convenient bench top testing



Specifications:

- Chassis Material: 6061-T6 AL
- Color: Desert Sand
- Tested to MIL-STD-810F
 - Vibration, Procedure II, Category 5
 - Functional Shock, Method 516.5, Procedure IV
 - Operating Temperature, -18 to 49 degrees C with Solar Loading of 1120 W/m², Method 505.4, Procedure I, Cycle A2
 - Rain, Method 506.4, Procedure I
 - Immersion, Method 512.4, Procedure I
 - Dust, Method 510.4, Procedure I
- Tested to MIL-STD-461E
 - CE-102, CS-101, CS-114, RE-102, RS-103