



**indra**

DEFENSE & SECURITY

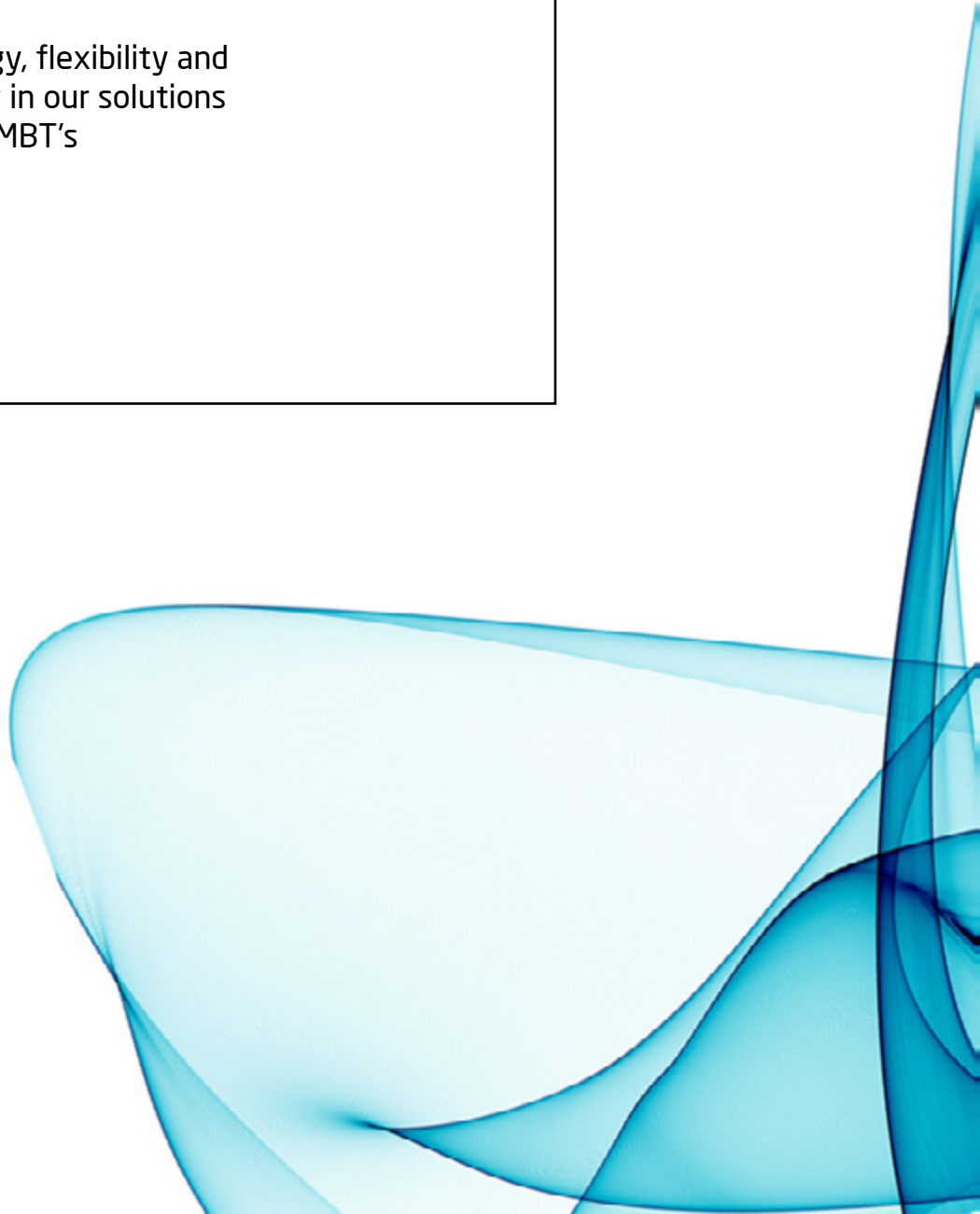
## **T FAMILY**

Fire Control Systems

**TIFCS-3B FCS  
FOR T-54 / T-55/ T64/ T72 MAIN BATTLE TANKS**

State of the art technology, flexibility and supportability are the key in our solutions for armored vehicles and MBT's

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## T FAMILY

### TIFCS-3B / Fire Control System



#### TIFCS-3B Fire Control Systems for main Battle Tanks of the T Family

##### DESCRIPTION

Indra, with our 70 years of expertise in fire control systems, provides complete equipment and support for armored vehicles observation and fire control. Indra combines our 40 years expertise in electrooptics to integrate thermal imaging and laser into the latest generation laser tank fire control systems.

Indra's armored vehicles fire control product line is fully qualified to service customer needs in surveillance, sighting, aiming, ranging, ballistic computing, driving... as well as new projects designs for existing vehicles upgrades.

Indra's capability to translate mission needs into an integrated system comes from its long term experience in analyzing requirements with end users and vehicle integrators and from the mastery of systems engineering and analysis methodology.

**TIFCS-3B has been integrated on T-54 and T 72 tanks and tested, and is currently in production.**

**ADVANTAGES - TIFCS-3B FCS**

- Independently Stabilized Line Of Sight, FCS using Tank Gun Gyros.
- One to One replacement of existing Gunner's night sight, including mechanical emergency mode in the event of power failure.
- Complete combined gunner's sight with:
  - Stabilized mirror.
  - Thermal Imager.
  - Day sight.
  - Laser rangefinder.
- The original coaxial day sight TDP-K or T-S remains as a reserve system.
- Improvement of gun servo accuracy for faster coincidence.
- Fully automatic gun aiming.
- Operation by Gunner and followed by Commander.
- Last Generation Thermal Imager with Cooled 3-5 or Uncooled 8-12 versions.



**CAPABILITIES**

**UPGRADE AT SYSTEM LEVEL**

Upgrade of the MBT's of the T family by complete replacement of the fire control system, so as to provide a significant improvement of hit probability and shoot-on-the-move capabilities due to stabilized mirror and improved gun servo control.

It also adds 24 hours / all-weather combat engagement capability with 3rd Gen thermal imaging.



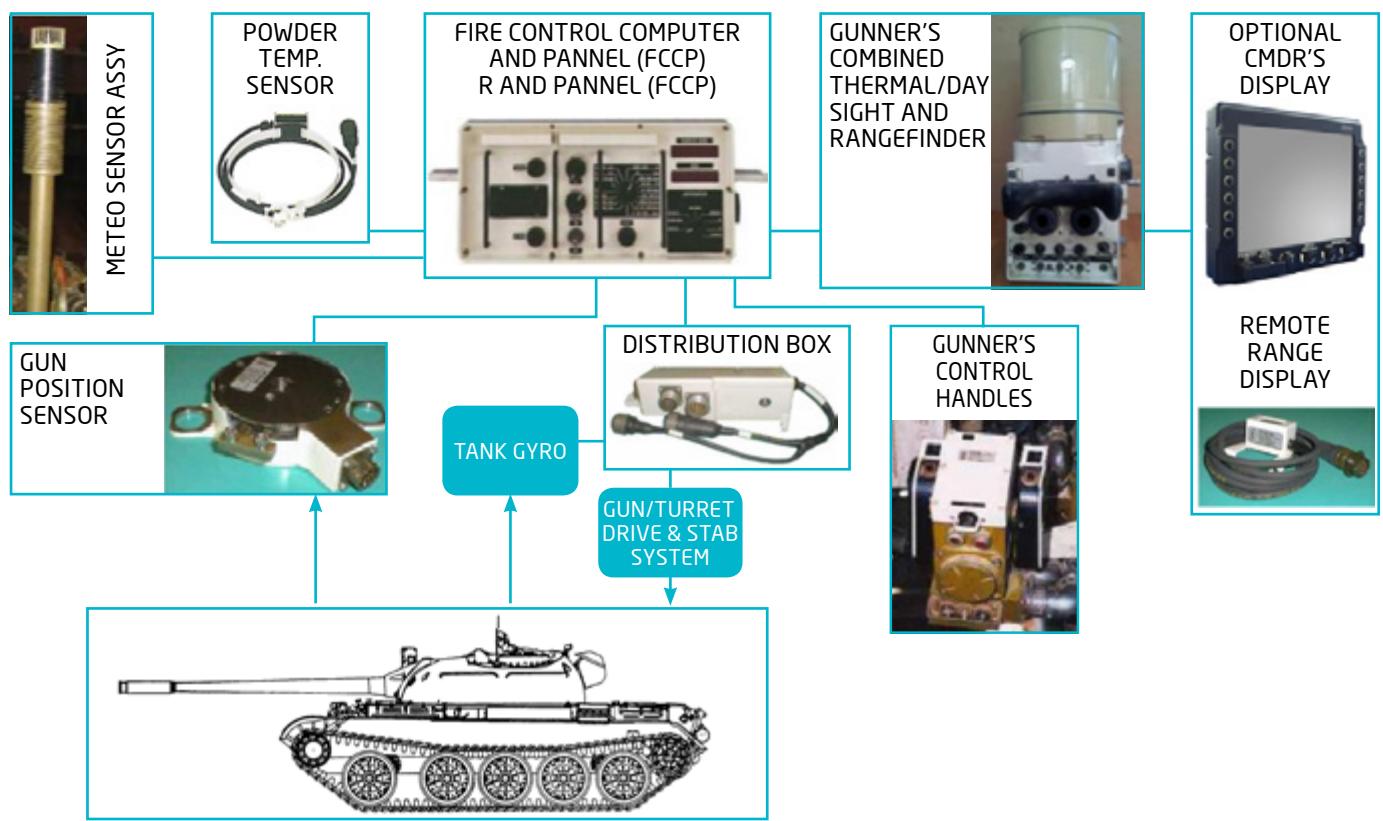
FULL DIGITAL COMPUTER  
 IMPROVED ACCURACY ON THE MOVE  
 FAST AND ACCURATE FIRING  
 SIMPLE INTUITIVE INTERFACES  
 COST EFFECTIVE

**INSTALLATION AND SUPPORT**

Simple and straightforward installation, no cutting or modification to the armor.



**SYSTEM BLOCK DIAGRAM**





ISO 9001:2000



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Product improvements may require  
changes in the characteristics  
described in this brochure.  
Indra reserves the right to modify  
the product without prior notice.