



COMBAT IDENTIFICATION

Interoperable, secure, modular,
Battlefield Identification Systems

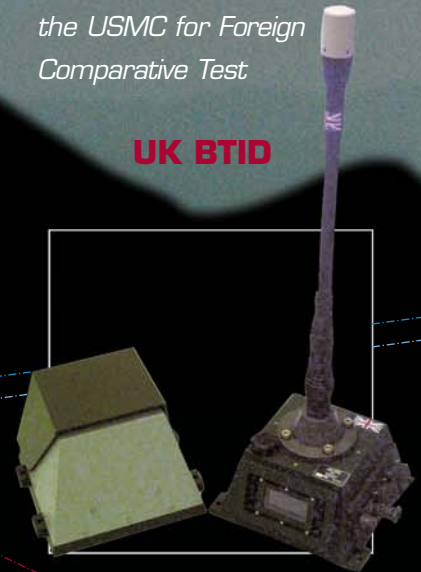
Any time, any place

The Battlefield Identification Systems product line is designed to provide Combat ID solutions for all types of platforms and to interface smoothly with combat management systems:

- Interrogator for Anti-Tank Guided Weapons, Forward Observation Officers, Ground Surveillance Radars
- Combined Interrogator & Transponder for Main Battle Tanks and combat vehicles
- Fixed or strap-on transponder for any other vehicle or to protect a specific area

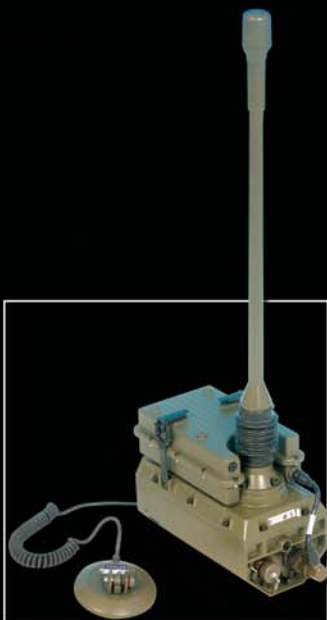
- *Steerable interrogator for off-bore sight capability*
- *Directional transponder for reduced vulnerability to detection*
- *ACTD systems delivered to UK MOD, Swedish FMV and the USMC for Foreign Comparative Test*

UK BTID



- *Fixed transponder for vehicles requiring a permanent capability*
- *Strap-on transponder with battery to provide instant capability to any vehicle*

TSF6010



- *Installation ancillaries, cables & indicators*
- *Armoured housing*
- *Alignment tools to perform and check integration*
- *Battery loaders for strap-on Transponder*
- *Remote display for strap-on Transponder*

ANCILLARIES



- *Combined Interrogator Transponder*

TSE6010



In a battlespace that has changed completely over the last decade, Combat Identification (CID) has become critical to network-centric operations.

Full CID capabilities help to build a Common Operational Picture that is available to all the vehicles and systems deployed on the battlefield.

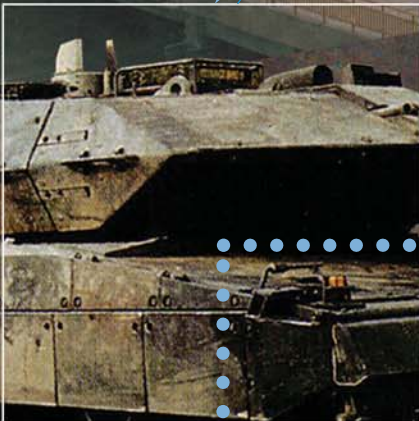
Target identification is a key element of CID, multiplying combat effectiveness and preventing friendly fire.



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Survivability



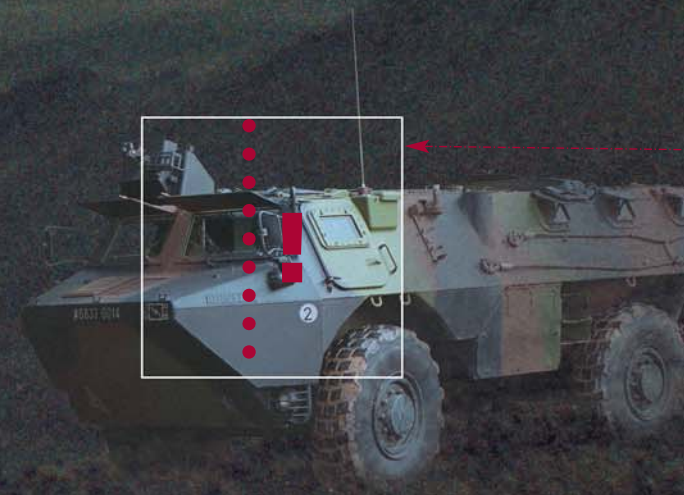
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Combat Effectiveness

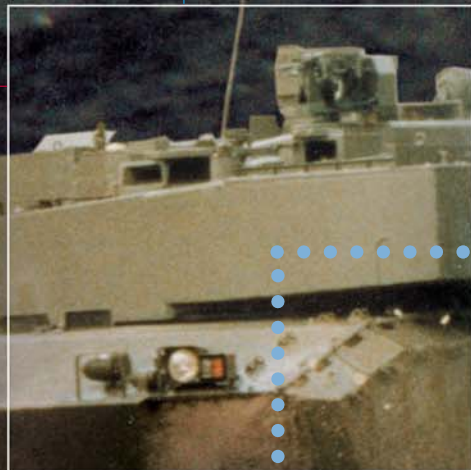
NATO STANAG 4579-compliant systems provide protection from friendly fire for troops and vehicle crews on the battlefield during national, allied or coalition operations.

Thales has developed the Battlefield Identification Systems (BIS) product line including the BIFF, Battlefield Identification Friend or Foe, and under MOD funding the UK BTID, Battlefield Target Identification Device, in full compliance with the requirements of STANAG 4579 to provide reliable, timely and secure combat identification.



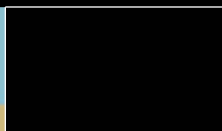


Interoperability



Key Assets

Tank transmits BIS interrogation sequence to identify armoured vehicle



FRIENDLY TARGET IDENTIFIED

Armoured vehicle responds



NO IDENTIFICATION POTENTIAL ENEMY



Armoured vehicle does not respond

RELIABLE

- Probability of identification > 99%
- Adapted to dense environment
- Operates through dust, smoke, rain and foliage

SECURE

- Embedded cryptographic component
- Low Probability of Intercept

INTEROPERABLE

- Fully compliant with STANAG 4579
- Validated during international demonstrations (1996 to 2004)

THALES

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