

## Benefits

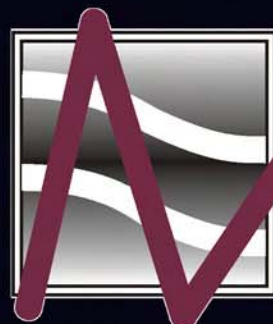
- Exchange images and data between other ground-based systems and aircraft
- Integrate air and ground operations
- Provide near real time images
- Enhance Command and Control (C2)
- Improve battle space awareness
- Provide real time images for Battle Damage Assessment (BDA)
- Increase positive target identification
- Reduce sensor to shooter kill chain
- Enhance Command and Control (C2)
- Develop new target packages
- Improve Close Air Support (CAS)
- Reduce Friendly Fire Incidents (FFI)



# PocketICE™ 5.0

(Imaging and Communications Environment)

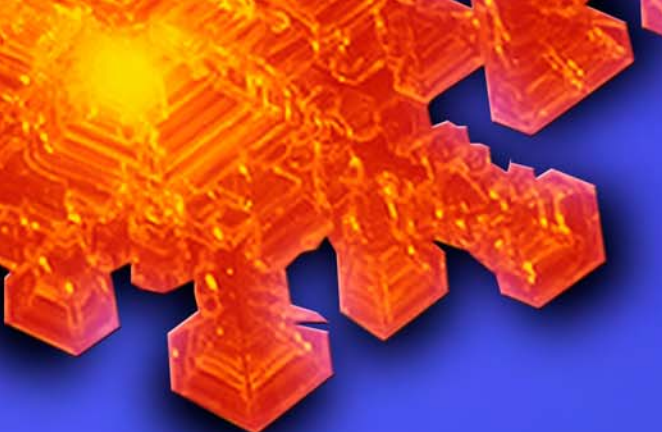
Cool Technology  
Hot Applications



## PhotoTelesis

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TAC-M™



PocketFTI™ consists of the Talla-Tech Rugged-PDA (RPDA-57) combined with the PhotoTelesis® Tactical Mobile (TAC-M™) card and PocketICE™ software.

The PhotoTelesis® TAC-M™ card is a multi-function device that combines an NTSC / PAL video input processor and image buffers, with a dual channel serial controller on a single PCMCIA or Card Bus interface card. This configuration allows simultaneous raw color or gray scale video streaming and full-duplex serial communications.

PocketFTI™ allows the user to manage (store and recall), manipulate, annotate, and attach text to these images. Any Windows® CE associated file, such as MS Word, PowerPoint, Acrobat, and Photoshop documents can be transmitted and received from the Inbox, Outbox, and Thumbnail viewer.



PocketICE™ is an integrated Windows® CE application that provides the capability to view video and capture, display, compress, send, and receive data and digital images on the RPDA-57. Images and data can be exchanged between other ground-based systems and aircraft using organic radios and crypto devices.

# Cool Technology PocketICE™ 5.0 Hot Applications

File transfer capability is provided through the PTAC™ (Photo Tactical), and MIL-STD-188-184 (ViaSat®) com-munications protocols, providing a robust means of transferring files over organic tactical radios.

PocketICE™ supports online chat, SALUTE, free text, and 9-line attachments. It includes a suite of image manipulation and enhancement tools along with a set of tactical annotation elements.

The user interface is intuitive and is designed around PhotoTelesis' proven Windows 32-bit version of ICE™ software. Its ease of use makes it a prime candidate for your imaging and data needs in the small, lightweight RPDA-57 environment.



## Supported Interfaces:

- AN/PRC-117
- AN/PRC-150
- AN/PRC-138B
- AN/PSC-5
- KG -84
- KIV- 7
- KY-57/58
- KY-99/99A
- KY-100
- LST5 D/E
- MSHR/MBITR (PRC-148)
- SABER
- SINGGARS
- STU-III and STE
- Others as required

### Compatibility

PocketFTI™ is compatible with the Army's Lightweight Video Reconnaissance System (LVRS), the Fast Tactical Imagery (FTITM) and FTI-II™ systems, the Photo Reconnaissance Intelligence Strike Module (PRISM™), FTI-Terminal system, and FTI-Digital Video Recorder (FTI-DVR).

