

How does HART work?

- Consolidates and prioritizes RSTA requests from field
- Coordinates among all available airborne assets and directs "best available" to service the requests
- Geo-registers EO/IR imagery and sends current (or archived imagery) to requestor

Key Capabilities

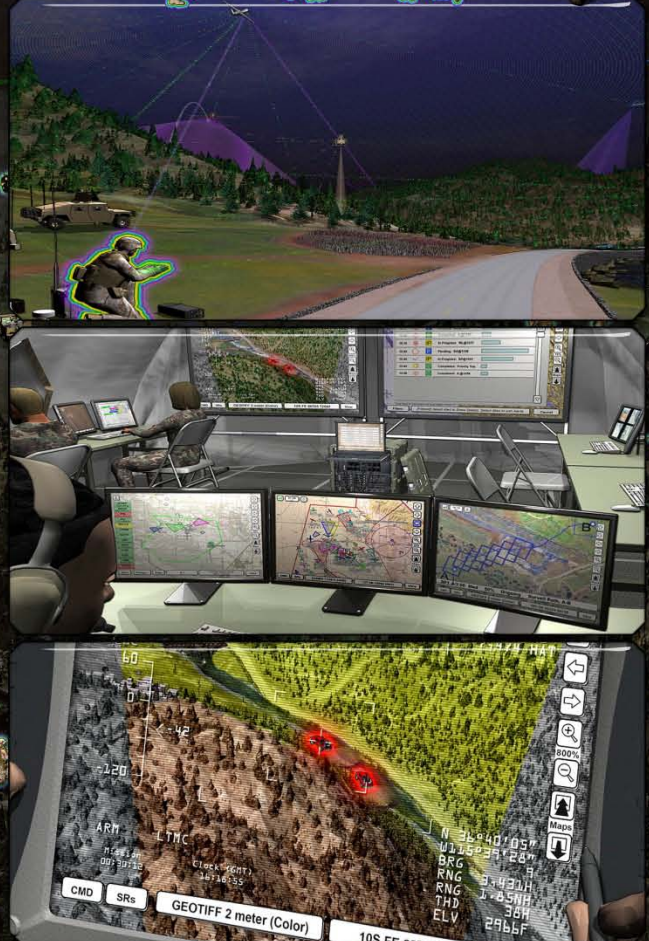
- Automated planning & sensor management
- Optimal assignment of collection assets
- Automates airspace management
- Automated terrain avoidance
- Works with ANY manned/unmanned asset
- Precision geo-registration
- Bandwidth-tailored imagery delivery
- 50 users can simultaneously access 50 units
- Full, semi-automated or manual control of ISR sources
- Minimal hardware impact – need only connection to IP-based network and commercial web video player
- Archival of video imagery – plays live/recorded imagery



HART

Heterogeneous Airborne Reconnaissance Team

On Demand Imagery to Warfighters



NORTHROP GRUMMAN

PLAYBOX

1) Warfighter requests imagery of what's around the corner (or what's over the next hill) with a few simple taps on his ToughBook or PDA

2) TOC commander prioritizes request. HART searches data base for recent imagery or selects best available UAS (from all in the AOR) and directs (or flies) UAS to area requested, obtains imagery and continues support if authorized

3) HART receives imagery, geo-registers it, and sends back to requesting Warfighter.

