



EQUIS Mobile: Access Satellite Imagery in a Crisis

Donald Smith, National Reconnaissance Office

EQUIS MOBILE: ACCESS SATELLITE IMAGERY IN A CRISIS



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National Reconnaissance Office (NRO)*

*THE **W**EB-BASED **A**CCCESS
RETRIEVAL **P**ORTAL
(**WARP**)*

*A SOURCE FOR FULL-FRAME
SATELLITE IMAGERY*



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WARP's Mission

- ▣ To **provide open and timely access** to NGA and other government archives / data sources.
Primarily---imagery frames
- ▣ **Quickly respond** to National Crisis requirements and events
- ▣ **Prototype new technology** for accessing and distributing data using a distributed architecture

WARP Features

- ▣ Provides discovery, retrieval, dissemination and archive capabilities for imagery and derived products via:
 - *Web server*
 - *Web services*
 - *Profile based auto-dissemination services*

- ▣ Simple query capabilities---point location, geographic area

- ▣ Web-enabled: *No “Fat Client” or special software needed!*

- ▣ Single point of access for imagery from:
 - *National Technical Means (NTM)*
 - *Airborne platforms imaging on behalf of NGA*
 - *Commercial imagery satellites imaging on behalf of NGA*

- ▣ Supports multiple security levels

WARP Features---Continued

- ▣ Timely dissemination over low bandwidth communication paths via Java viewer, JPIP streaming:

- ▣ Disseminates, via FTP and HTTP:
 - *Full frame image segments*
 - *User defined chips*
 - *Reduced resolution data sets*

- ▣ Interactive viewer incorporated---*You don't need to download the whole image file!*

- ▣ Controlled access to limited distribution data---***based on NGA approval***
 - *U.S. government personnel may have WARP accounts*
 - *Can SHARE the imagery with state, local, tribal agencies*

CONTACT INFO

- ▣ Email:
 - warp@nga.ic.gov
 - warp@geoint.nga.smil.mil
- ▣ Phone:
 - 1-866-261-6696 x 5381
- ▣ *How do you get a WARP account?*
 - WARP home page: <https://warp.nga.mil>
 - OR...type “[Web-based Access Retrieval Portal](#)” into your Internet browser. This also takes you to the WARP home page