EQUIS Mobile: Access Satellite Imagery in a Crisis

Donald Smith, National Reconnaissance Office
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National Reconnaissance Office (NRO)
THE WEB-BASED ACCESS RETRIEVAL PORTAL (WARP)

A SOURCE FOR FULL-FRAME SATELLITE IMAGERY

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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
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
Email: 
- warphelp@nga.ic.gov 
- warphelp@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