



*Know the Earth...Show the Way*

# NGA Commercial Imagery Overview

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# Commercial Imagery at NGA

## Purchases: Large investment in Commercial High resolution imagery continues!

- Just passed the \$400M mark total commercial purchases
- Over \$350M to US Commercial Data Providers

## Dissemination: Distribution of Commercial Imagery has skyrocketed in last 9 months!

- Since 2002, ingested over 352,000,000 sqkm
  - Average ingest currently 180GB/day (350GB peak)
- Shipped 263,000 scenes covering over 1,000,000,000 sqkm
  - Average 7000+ scenes/month out of CSIL
- FY2005; serviced over 7000 unique users; 689,000,000 +sqkm
- 81% improvement in throughput: 20 min to post, 3 hr to process order.
- Archive deliveries continue to grow; cost avoidance of \$311M this yr
- Tsunami: 39,644 scenes, 482M sqkm, 271M sq km in Jan. alone
- Katrina: 12,000 sqkm ingest, 444,000 sqkm sent (as of 9/4/05)

# Commercial Imagery at NGA

## Architecture: Architecture investments are starting to expand availability to all customers!

- UNIL IOC Aug 03- electronic delivery/dissemination in all security domains
- WARP Access at UNCL level- 1525 users, 4+ Terabytes downloaded; users represent over 70 different entities; Commands, services, IC and over a dozen civil agencies
- PMAA Release 6 within the year
- Unclassified GBS interface in work
- GeoScout Block 1 infrastructure and Block 2 engineering

## NextView: Significant progress in the Next Generation of High Resolution commercial Systems !

- DigitalGlobe: Ground system went live this Spring. Telescope completed, sensor I&T at ITT and bus in I&T at BALL
- ORBIMAGE: CDR completed- development & integration continues

# Commercial Imagery at NGA

## User Engagement: Significant effort to assist/engage a growing user base

- Outreach Program: 21 sites in FY05; 32 scheduled for FY06
- Civil Agencies:
  - Revised Governance Structure to better share info and capitalize on NGA's investment
  - Civil Reqts Database- 20 agencies represented
    - over 1.5B sq km reqts
  - Long Term Requirements team collecting Civil Agency needs
  - Shared execution; planning for next Hurricane Season with Guidebook & Exercise

## Internal: Continued emphasis on integrating commercial source to NGA operations

- Strategic Implementation Plan: 116 specific actions to integrate Commercial imagery in our daily business and mission
- Looking to the future; what's next !

# Commercial Imagery at NGA

- Exciting time for commercial imagery!
- Much progress has been made!
- A long way to go !!!