

Review of Imagery Services

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America View

<http://www.americaview.org/>

- AmericaView (AV) is a nationwide program that focuses on satellite remote sensing data and technologies in support of applied research, K-16 education, workforce development, and technology transfer.

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- USGS AmericaView Program is an AV data infrastructure, data processing, and data delivery initiative administered by the USGS under the Land Remote Sensing (LRS) Program and carried out at USGS facilities. Primary activities for this effort are undertaken by the USGS Earth Resources Observation System (EROS) Data Center (Sioux Falls, South Dakota) in conjunction with other LRS priorities such as the Landsat Data Continuity Mission (LDCM).

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- AmericaView Consortium is comprised of university-led, state-based consortia working together to build a nationwide network of state and local users. AmericaView supports the goals of the AV Program by further expanding communications networks, facilities, and capabilities for acquiring and sharing remotely sensed data among AmericaView members. The Consortium is actively working with the USGS and universities across the country to expand participation in the AV Program to all 50 states.

America View

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- Sensors

- Landsat 1 -7 MSS, TM, ETM
- MRLC 1992 and 2001 (in 2001 TC or RA)
- Ortho ETM+ (SPOT)
- Pansharpen ETM+ (SPOT)
- Ortho TM (SPOT)
- ASTER VNIR
- ASTER TIR
- MODIS MOD09A1
- MODIS MYD09A1

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- Overview
 - Satellite based program Higher Education and Research focused
 - Resolution range from 1.5 meter to > 30 km
 - SPOT license does not allow for use outside an education or training setting. (Best resolution sensors)
- Input from UI or ISU

Google Earth

- Free API to develop with
- \$10,000 a year for subscription fees for the Premier Level
- Limited customer input on imagery dates
- Variable sensors and imagery resolutions all copyrighted
- Google has entered into statewide agreements to use state derived data (Indiana, New York) but the state had an imagery program independent of Feds
- Imagery cannot be imported into your GIS

Microsoft Virtual Earth

- Free API to develop with
- ~ 1meter Resolution
- Subscription based service ~ \$7,000 a year per license up to 100000 views.
- Ability to license better imagery
- Interfaces with SQL database for GIS display
- Imagery cannot be imported into your GIS

Private Sector

- Willing to enter into a statewide contract to fly the state
- Willing to fly at resolution requested
- A few would consider Lease versus Buy
 - Most preferred Buy
- Qualifications Based Selection (QBS) was encouraged over lowest cost selection
- Must follow purchasing rules (RFP, RFQ)
- Potentially the highest cost option
- Creative Licensing available