

Virtual Alabama School Safety System

Lamar Davis

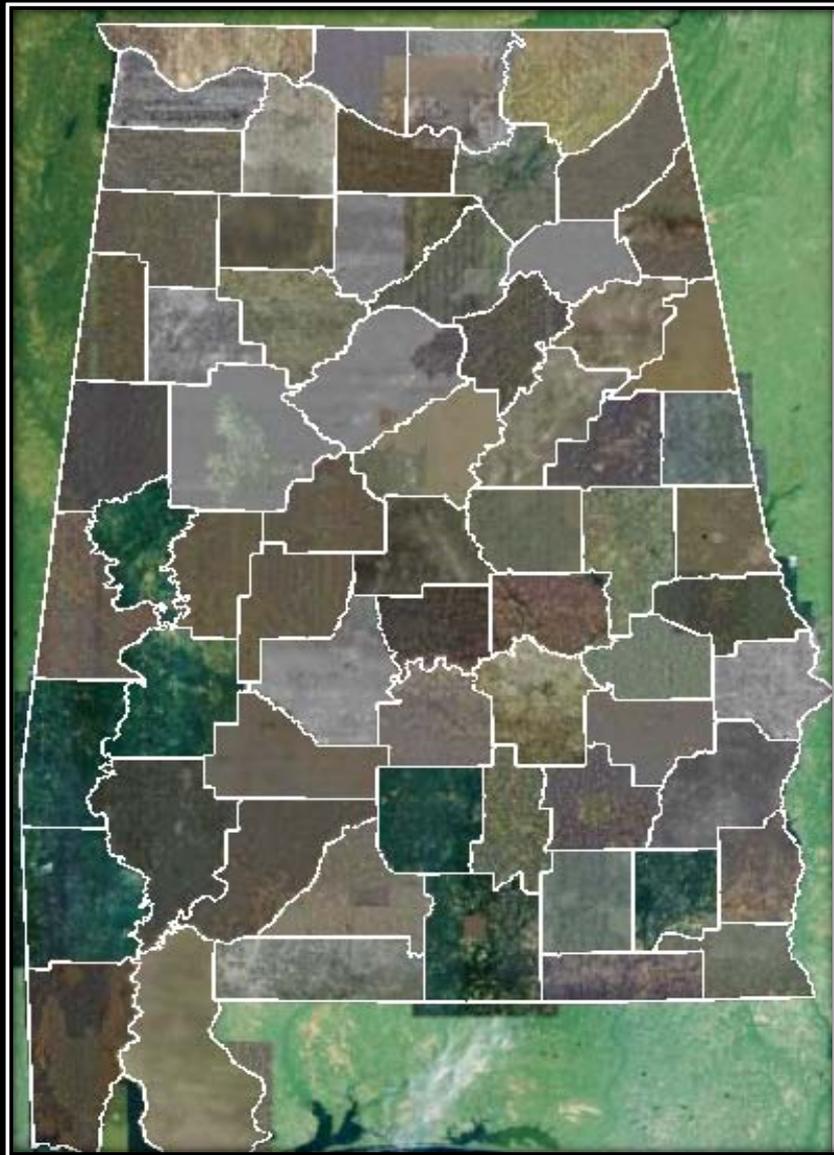
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Virtual Alabama

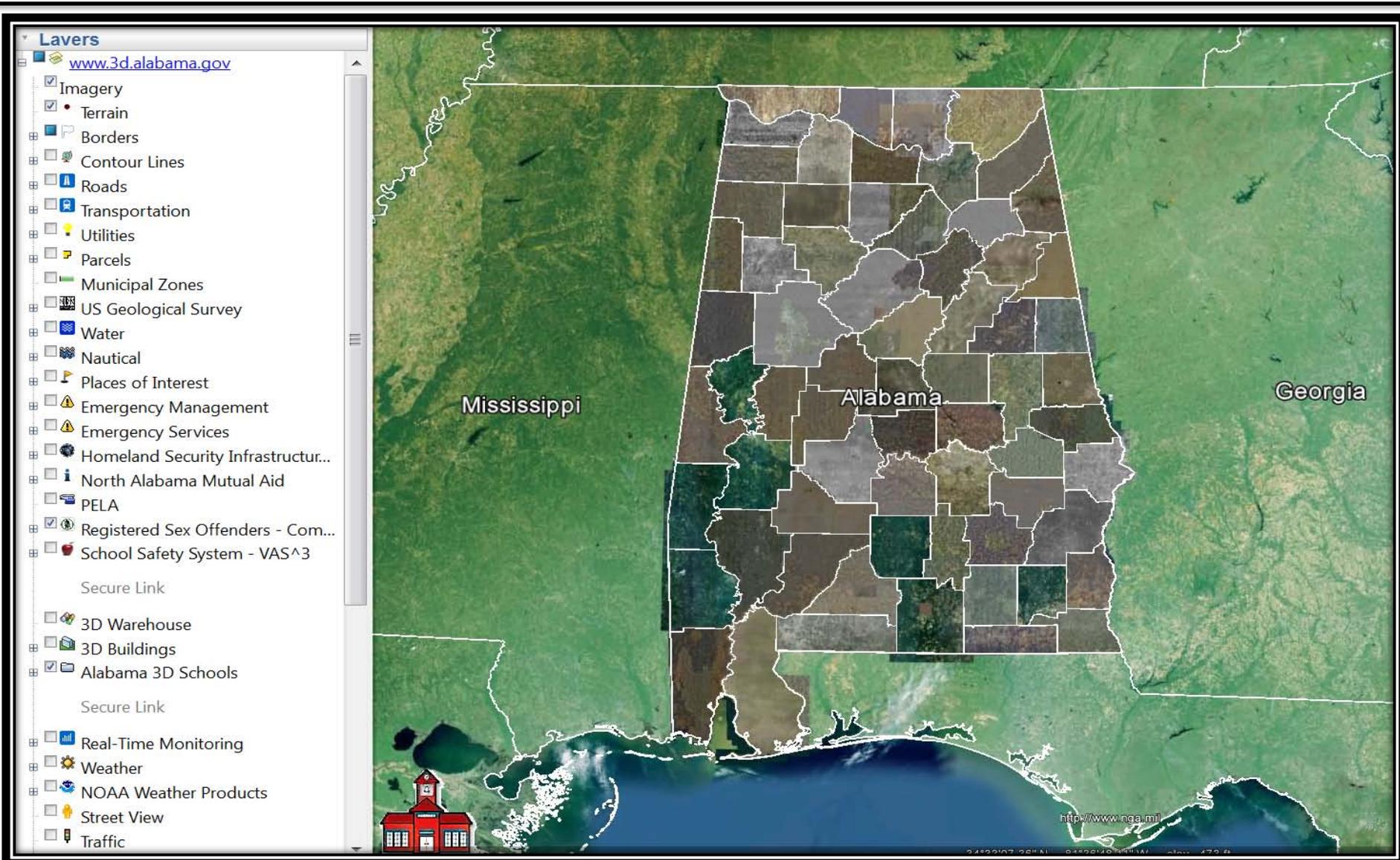
Overview



- Virtual Alabama provides Alabama's first responders the situational awareness they need to protect lives and safeguard citizens before, during and after man-made and natural disasters
- Displays photographic imagery provided by the State in a secured Google Earth application
- Allows for the building and display of information layers; self-determined items of interest
- A no-cost tool available to Government/Education officials for State and local public operations

Virtual Alabama

State View



Virtual Alabama School Safety System

Overview

- **Purpose:** Bring Alabama's K12 public schools into the State's common operating picture for disaster planning, response and recovery: Virtual Alabama
- **Process:** "Map" schools across each of the 134 school districts into Virtual Alabama, and train first-responders and education officials on the use and maintenance of the information
- **Pay-off:** Better security for our most valuable resource – our children; and a safer working environment for our teachers and school officials

Virtual Alabama School Safety System

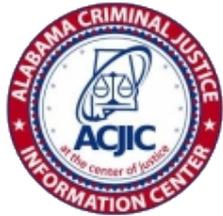
Partnerships



Alabama Department of Homeland Security is the functional proponent for Virtual Alabama, funding source, and project management lead for this program



Alabama State Department of Education is the functional proponent for school safety



Alabama Criminal Justice Information Center is the application host for this program and manages all technical-related security matters



Alabama Supercomputer Authority is responsible for providing technology and Internet connectivity to Alabama's public school districts, colleges, and universities



AUBURN
MONTGOMERY

Auburn University at Montgomery is the fielding agent for this program, and is charged to provide outreach and mapping services

Virtual Alabama School Safety System

State Board of Education's Commitment

BE IT FURTHER RESOLVED, That the Alabama State Board of Education commits its *support for establishing the Virtual Alabama School Safety System as the primary school safety documentation and planning system for schools throughout the state and for providing access to the system for state and local homeland security officials and first responders* and State Department of Education officials focused on school safety.

Done this 14th day of April 2011

Virtual Alabama School Safety System

Linkage to School Safety Plans

- Virtual Alabama School Safety System leverages Virtual Alabama capabilities to improve school safety
- “Maps” 37 items of interest from School Safety Plans as layers in Virtual Alabama



Hazardous Materials



Evacuation Routes



Disaster Staging Areas



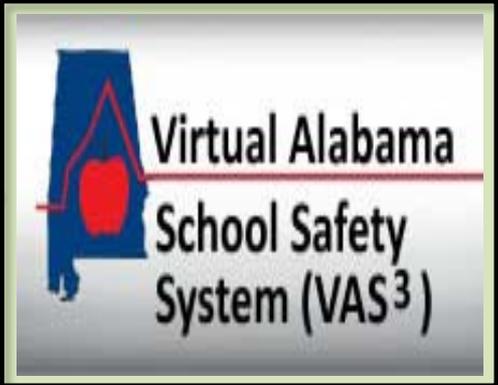
Video Cameras

- Promotes information sharing and planning between schools and first responders
- Provides first responders situational awareness from within schools, including real-time security camera feeds

Virtual Alabama School Safety System

Data Entry and Visualization

Data Entry



E911

Virtual Alabama School Safety System

Live Demonstration

Oak Mountain High School
Shelby County School District

Using VAS³ For School Safety

- Collaborative planning between schools and first responders
- Training and Exercises
- Nighttime/24 Hour/7-Day-a-Week Monitoring
- Incident Command for real-world emergencies

Virtual Alabama School Safety System

Information Security Overview

Application/Layer	Security Control
Virtual Alabama	AL Dept. of Homeland Security
School Floor Plan/Security Plan	Local School District Officials (Working through ACJIC)
Security Camera Feeds	Local School Officials

Virtual Alabama School Safety System

Local Memorandum Of Understanding

VAS³ Local MOU Establishes:

- VAS³ as the common operating system for disaster planning, response, and recovery in your school district
- Parameters for who will be granted access to the VAS³ in your community
- Procedures for notification and password resets in the event of personnel changes

Memorandum of Understanding

Between the

<Name> School System, the <Name of Law Enforcement Agency>, the <Name of Law Fire Protection Agency> and <County> Emergency Management Agency

This memorandum of understanding is between the <Name> School District, the <Name of Law Enforcement Agency>, the <Name of Fire Protection Agency> and the <County> Emergency Management Agency (together known as "the parties"), and concerns the Virtual Alabama School Safety initiative.

WHEREAS, the Alabama Department of Homeland Security has established Virtual Alabama, a toolset of 3-D imaging technologies using a Google Earth platform, as the common operating platform

AL Department of Homeland Security

Home Page: www.dhs.alabama.gov



The Alabama Department of
Homeland Security

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Resources for
First Responders

Resources for Vendors

Resources for
County HS POCs

Press Room

Help

Virtual Alabama



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Immigration

- [Immigration Bill HB56](#)
- [Immigration Dates](#)
- [Immigration Training Materials](#)

News

19 Jul 2011 07:00:00 EDT
Testimony of Federal Emergency Management Agency Deputy Administrator Richard Serino, before the Senate Committee on Homeland Security & Government Affairs, Subcommittee on Disaster Recovery and Intergovernmental Affairs, "2011 Spring Storms: Picking Up the Pieces and Building Back Stronger"

19 Jul 2011 07:00:00 EDT
United States and India Sign Cybersecurity Agreement

- [US DHS Press Releases](#)
- [AL DHS News Archives](#)



Robert Bentley
Governor
State of Alabama



Spencer Collier
Director
Alabama DHS

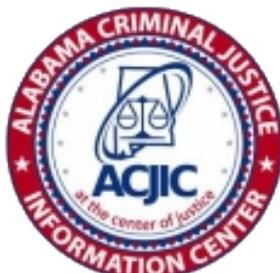
The The Alabama Department of Homeland Security (ALDHS) is in the process of becoming an E-Verify

[More...](#)

The Alabama Emergency Management Agency (AEMA) is responsible for all hazard mitigation related matters.

You may contact the AEMA at (205) 280-2201 or visit their home page at <http://ema.alabama.gov>, additional information pertaining to hazard mitigation assistance

[More...](#)



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