Typical K-12 Digital Mapping Legislation Requirements

Requirement	Description	CENTEGIX® Compliance
Digital format	Maps must be accessible digitally. No paper-based only solutions.	Safety Blueprint® is a digital mapping tool and interface with real-time access to individual floor plans, aerial imagery, labeling, assets, exit routes, and more.
GIS-compatible	Use of industry-standard geospatial data formats.	Safety Blueprint supports the export of map data in GIS-compatible formats, including CSV (for points), DXF (for floor plans), and PDF maps. Direct access to map data is also provided through our CENTEGIX Maps API.
Gridded, tactical overlay	Gridded, tactical overlay and a printable format.	Safety Blueprint has a gridded overlay option with an on/off user enabled toggle. The overlay is sized based on the scale of the underlying property size/map. The gridded overlay prints when the map is printed.
Layered content	Includes floor plans, ingress/egress points, room numbers, hallways, stairwells, and utility control points.	Safety Blueprint provides more layered content than any other digital mapping solution for K-12 schools, including user editing capability for all of the layered content, including walls, objects, labels, and utility assets.
Emergency asset tagging	Fire extinguishers, AEDs, trauma kits, and gas/electrical shut-offs must be clearly marked.	Safety Blueprint provides more emergency asset tagging functions than any other digital mapping solution. Schools can configure what fields they want to maintain and update them in real-time with pictures, x-y coordinates, inventory of assets by school and district for more than 100 safety assets.
True north orientation and x-y coordinates	Ensures alignment with first responder systems.	Safety Blueprint maps are oriented true north with x-y coordinates and include a verified floor level (for the z axis).
Physical walk-through of the site for verification	Physical site walk-through verified by the entity producing the data for accuracy by a walk-through of school buildings and grounds.	CENTEGIX's standard deployment includes the installation of IoT infrastructure across school campuses. Our install teams conduct on-site walk-throughs, both inside and outside, to place devices, label rooms, and sometimes directly tag assets. Install teams verify maps when they are onsite. To support ongoing safety, we also offer a one-time map update service, which can include an additional walk-through if needed. We maintain a large field services team that performs year-round, on-site services, such as strobe battery replacements and map updates. This continuous support ensures customers have the option to verify the site and make changes, ensuring safety is an ongoing commitment rather than a “once a year” activity.

Requirement	Description	CENTEGIX Compliance
Metadata and version control	Maps must include details such as version number, update logs, and authorship.	Safety Blueprint maps are updated by approved (role-based) customer personnel and are provided to PSAP/RTCC tools in real-time. This is much more advanced than static updates and authorship. Update logs are available for auditing purposes.
Update capability	Districts must be able to revise and publish new versions of maps as buildings change.	Safety Blueprint can be updated by customers directly in real-time or customers can request changes from CENTEGIX mapping resources.
No additional software required	Maps must not require the purchase or integration of additional software to view.	Safety Blueprint provides a universal file type (PDF) and those files can be provided to the PSAP/Agency by the school district. CENTEGIX also provides direct map integrations with CAD systems (e.g. RapidDeploy, SaferWatch) and RTCC platforms (Motorola CCA). Those integrations are pulling data from Safety Blueprint in real-time when requested by the agency.
Compatible with existing 911 platforms	Maps must integrate with existing 911 CAD/EMS platforms.	Safety Blueprint maps/software can be leveraged directly in the PSAP/RTCC as a platform at no cost. Safety Blueprint also provides real-time API capability to PSAP/RTCC platforms including FususONE, Motorola CCA, RapidDeploy, SaferWatch, and others.
Data collected, produced, and stored in the United States.	Data must be collected, produced, and stored exclusively within the United States.	CENTEGIX utilizes US-based infrastructure, ensuring all customer data is collected, produced, and stored exclusively within the United States