

HB 1416 -- LIGHT DETECTION & RANGING TECHNOLOGY SECURITY

SPONSOR: Stacy

This bill establishes the Light Detection and Ranging Technology Security Act of 2024.

"Light detection and ranging" (LIDAR) is a remote sensing method using the emission of laser light, often through pulsed lasers, to detect and measure the range of surrounding objects, often for the purpose of producing real-time, high-resolution three dimensional maps of the physical environment surrounding the device that applies the LIDAR technology. LIDAR technology includes devices that are commonly used in automation and smart infrastructure applications including automated vehicles, drones, port cranes, drawbridges, traffic signals, and security systems at airports and other sensitive sites.

The bill requires all state infrastructure located within or serving the state of Missouri to be constructed so as not to include any LIDAR equipment manufactured in or by, a company domiciled within a country of concern, as defined in the bill, or a company owned by such a company. This prohibition includes any equipment whose critical or necessary components are manufactured in or by a country of concern.

Before December 1, 2024, all LIDAR equipment prohibited under this bill that is in operation within or serving the state shall be removed and replaced with LIDAR equipment that is not prohibited under the bill. This restriction will not apply to infrastructure in the state that has been permanently disabled.

Agencies or political subdivisions responsible for covered infrastructure that includes prohibited LIDAR equipment may request a reimbursement from the Office of Administration for the original cost of prohibited LIDAR equipment, provided the request includes purchase orders and is submitted before December 1, 2024.

No procurements made by the state or a political subdivision of the state can include LIDAR equipment manufactured in or by a company domiciled within a country of concern, or a company owned by a company domiciled in a country of concern. This prohibition must include any procurements relating to the operation of autonomous vehicles in the state.

Beginning December 1, 2024, any certifications, licenses, and regulatory approvals concerning the approval, usage, or operation of autonomous vehicles in this state must require a prohibition against the installation or usage of LIDAR equipment manufactured

in or by a company domiciled within a country of concern, or a company owned by a company domiciled within a country of concern.