

## **Life Safety Systems Standard**

### **Introduction**

The State of Oklahoma utilizes life safety systems to reduce the potential risks to life, as well as property from various threats. Each life safety system consists of a variety of components that are designed to work together to help save lives during an emergency.

### **Purpose**

This document establishes design requirements and support structures required for life safety systems.

### **Definitions**

Life safety system – An interior building element designed to protect and evacuate the building population in emergencies, including fire and tornadoes, and less critical events, such as power failures.

### **Standard**

OMES has established the following design and operational requirements for life safety systems.

- All systems deemed as life safety must be designed in a highly available architecture with multiple redundancies and no single point of failure.
- Systems must be segmented on the network and not intermingled with other non-life safety systems.
- Operational requirements include 24-hour monitoring and alerting of components.
- Must have deployable staff to support 24-hour monitoring and alerting components.
- Staff supporting 24-hour monitoring and alerting components must have 24/7 access to physical equipment.
- Replacement components must be available within two business hours for metropolitan locations and within four business hours for locations outside metropolitan areas.
- Systems must be tested at least twice per year.
- Systems must have established maintenance windows that adhere to the Change Management Standard.

### **Compliance**

This standard shall take effect upon publication and is made pursuant to Title 62 O.S. §§ 34.11.1 and 34.12 and Title 62 O.S. § 35.8. OMES IS may amend and publish the amended standards policies and standards at any time. Compliance is expected with all published policies and standards, and any published amendments thereof. Employees found in violation of this standard may be subject to disciplinary action, up to and including termination.

### **Rationale**

To coordinate and require central approval of state agency information technology purchases and projects to enable the chief information officer to assess the needs and capabilities of state agencies as well as streamline and consolidate systems to ensure that the state delivers essential public services to its citizens in the most efficient manner at the lowest possible cost to taxpayers.

## References

- [Change Management Standard](#).

## Revision history

This standard is subject to periodic review to ensure relevancy.

<b>Effective date:</b> 04/12/2022	<b>Review cycle:</b> Annual
<b>Last revised:</b> 04/12/2022	<b>Last Reviewed:</b> 08/17/2023
<b>Approved by:</b> Joe McIntosh, Chief Information Officer	