

# Hexmodal Case Study

Connecticut Casino Automates Emergency Lighting Compliance Across 9 Million+ Sq. Ft.



## Client Overview

A premier Connecticut resort casino ranks among the largest gaming and hospitality destinations in the world. The property features multiple sprawling gaming floors, hotel towers, entertainment venues, restaurants, retail spaces, and multi-level parking garages—all operating 24/7, 365 days a year. At this scale, maintaining fire and life safety compliance is a constant operational priority. They manage:



2,550+ battery-backup emergency lights & exits signs



9 million+ square feet of real estate



In-house team stretched thin and needing to rely on contractors across a large footprint

## The Casino's Goals

The Casino's facilities leadership looked to modernize their emergency lighting compliance process, which required a large team of contractors to tackle the massive, multi-building property

**Eliminate dependency on contractors**, allocating them to higher value work and reducing compliance testing costs.

**Standardize testing and documentation** with digital, audit-ready reports that replace paper records and binder-based tracking.

**Enable real-time visibility** into the compliance status of all devices across casino areas, hotel towers, and garages, without walking the floors.

**Reduce operational disruption** from testing activities on active casino floors and in guest-facing hotel areas.



## The Casino's Challenges

The Casino's main challenge was the manual testing of emergency lighting and exit signs across their large footprint, which created a significant operational and compliance burden.

**Skilled contractors were frequently pulled from higher-value work**, spending thousands of hours each year manually testing emergency lights and exit signs, time that could be used for preventative maintenance, repairs, and capital projects.

**The massive footprint and difficult logistics** of testing 2,550+ devices across various resort spaces required extensive coordination and travel time, particularly within 24/7 high-traffic areas.

**~3,834 hours spent** annually by skilled contractors on manual inspection and records.

## ~3,834 Compliance Hours Wasted

**Thousands of dollars and hours are spent** annually on manual compliance because the sheer size of the property requires technicians to walk miles of casino floor and climb through hotel towers, while the need to time testing around guest activity in active gaming areas extends the process even further.


**75% on hands-on device testing**  
~2,876 outsourced labor hours


**20% on reports & record keeping**  
~777 outsourced labor hours

**5% on travel within property & repair**  
~192 outsourced labor hours

## Hexmodal's Solution

The Casino installed **2,556 Hexmodal Smart Emergency Lights and Exit Signs** across its entire property, including casino halls, hotel towers, and parking garages. Each fixture is equipped with built-in self-testing capabilities that:

 **Automatically perform NFPA 101 Tests** monthly 30-sec and annual 90-min.

 **Create survey-ready digital reports** at the property and building level.

 **Notify staff of failed tests** and updates reports with corrective actions.

 **Operate with no Wi-Fi**, software, or IT setup required - running entirely on our cellular network.

## How it Works

**Automated Testing:** Scheduled self-tests ensure compliance for every device, every time.

**Easy Installation:** Field technicians complete installation in just 10-15 minutes per device.

**Automated Reporting:** Results are logged digitally, eliminating paper records and binder management..

**No IT Involvement:** Devices connect via Gateway using low frequency radio and cellular network; no Wi-Fi, software, or IT setup needed.

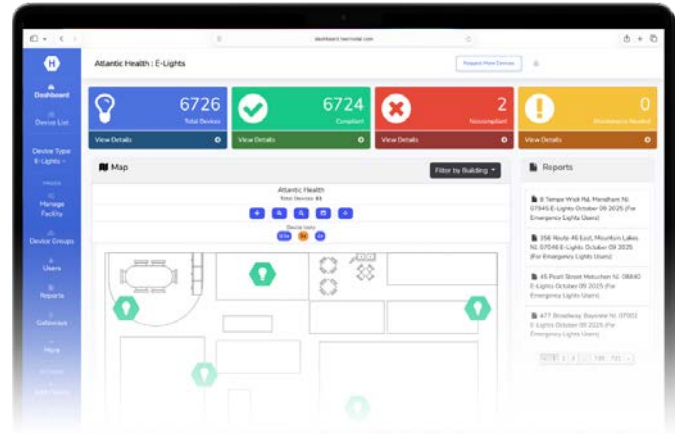
**Real-Time Alerts:** Notifications allow timely repairs, automated re-tests & corrective actions before they become compliance findings.

## Hexmodal Platform

The Casino's facilities team has full control with a system that connects every device to one dashboard, saving time and keeping the property compliant without IT involvement.

**Real-time compliance overview** across every building zone - casino, hotel, parking garages..

**Automated testing and reporting** that keeps the property survey-ready at all times.



## The Casino's ROI & Time Savings

### No Upfront Costs

Everything included with subscription devices, reports, alerts, and compliance support

### No IT Setup

Installs as a standard fixture  
5-min installation per emergency light & exit sign

### ~\$213,600 Saved Yearly

63% reduction in compliance labor costs  
redirecting contracted staff to higher-value work

### Automated Reports

Record keeping & reports  
less busywork & no pencil-whipping

### 3,834+ Hours Recaptured

From manual testing to preventative maintenance, repairs, and facility operations

As The Casino continues to grow, Hexmodal's platform ensures that every new area is compliant from day one, **without involving IT.**

## Beyond Emergency Lighting

The Casino's results show how automation scales across a large, complex property, delivering consistent compliance without adding headcount or disrupting 24/7 operations. **Hexmodal's smart devices help facilities** meet NFPA and AHJ standards across a range of needs, delivering compliance with less effort and greater consistency. The product portfolio includes:



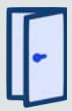
### Fire Extinguisher Monitoring

NFPA 10-compliant monthly inspections with documentation.



### Temperature Monitoring

Automated reporting for commercial refrigerators and freezers.



### Leak Detection

Wireless water leak detection for mechanical rooms, kitchens, and critical infrastructure.

Want to see how easy compliance automation can be?

Email [demo@hexmodal.com](mailto:demo@hexmodal.com) to schedule your demo call.

201-754-8048

[www.hexmodal.com/demo](http://www.hexmodal.com/demo)