

NEW AND EMERGING TECHNOLOGY

Product Spotlight & Resources

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Powered by relayr.




LIFT AI

All About Innovation

When the pandemic tightened its deadly grip on the world, the vertical-transportation (VT) industry sprang into action. Elevators and escalators are key to continued growth of cities and, in some cases, vital to life itself – providing transportation throughout hospitals, for instance. Innovative and often amazing technological innovations from VT companies are among the relatively small silver linings of the COVID-19 situation – silver linings that promise to make the world a better, safer and less-stressful place and, of course, pave the way for continued urbanization and economic growth. Elevators and escalators have become smarter and more efficient, using the Internet of Things and Artificial Intelligence to provide features such as touchless, voice-controlled operation of elevators and escalator handrail disinfection systems that use UV-C light. On the non-pandemic side,

such systems present new advertising and information-sharing opportunities. Such innovations have been embraced by retailers, casinos and offices, to name only a few.

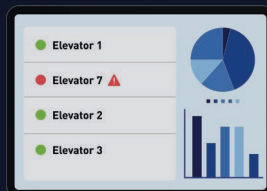
In addition to making VT equipment safer, new technology can also result in cost savings through developments like remote monitoring and predictive maintenance that allow property owners to fix problems before they occur. Better and more targeted care, of course, results in longer equipment life. Dr. Rory Smith, author of “IoT: Magic or Myth?” in the Focus on New and Emerging Technology section that follows this special advertising section, said it well: “When IoT reaches its full potential, it will seem like magic. It is in the process of forever changing the lift industry.” Check out how some VT players are being part of that change in the following special advertising section. 



The elevator IoT monitoring solution you and your customers will love



**STATUS MONITORING
& REAL TIME ALERTS**



**PORTFOLIO INSIGHTS
AT A GLANCE**




**UPTIME & PERFORMANCE
REPORTS**



OUTAGE ANALYSES

30' Installation. Fits any car top.
No special tools or training.

10x More affordable than alternatives.
Designed for portfolio-wide coverage.

 Connects automatically via
Lift AI cellular network.
No IT team or Wi-Fi required.

"Lift AI helps us look good to our customers and enables a new category of service -and revenue!"



- George J., Owner



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CUSTOMERS
SINCE 2018**



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ACROSS THE USA**

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 www.liftai.com

New and Emerging Technology Product Spotlight & Resources

MosaicONE Platform



The MosaicONE Platform by MAD Elevator is a cloud-native set of software tools that allows building managers to update and manage their networked elevator devices from anywhere with an Internet connection. MosaicONE offers Digital Signage, VMS Communication, Cloud Video backup, Auto-Alerts and more; available together or a-la-carte.

Digital Signage lets users customize the content seen on their elevator screens. News, weather and building updates can all be controlled as well as scheduling the date, time and duration for which it's shown. MosaicONE puts the building manager in complete control of media in their elevators.

In order to meet the A17.1/B44 & IBC 2018 code requirements, the **Video & Messaging System (VMS)** was added to MosaicONE. Being non-proprietary, the MosaicONE VMS system is becoming the standard for video, text and audio communication for A17.1 2019 compliance and offers encrypted communication, full secure user credential control, two factor authentication, and all existing cybersecurity features of MosaicONE built in.

Cloud Video Backup lets users access recordings from previous weeks without installing traditional fully wired security system hardware or software. Either as a standalone MosaicONE feature or through the VMS infrastructure, users can simply download the footage from the cloud on-demand.

Auto-Alert sends an email to users whenever there are network, hardware or vandalism events that occur in a building's elevator. If the elevator's call button is ever pressed, the system notifies building managers before a monitoring station can. This saves critical time and site visits.

FIELDBOSS

FIELDBOSS ELEVATOR CONTRACTOR MANAGEMENT SOFTWARE

Powered By Microsoft Dynamics 365



FIELDBOSS Elevator Contractor Management Software, powered by Microsoft Dynamics 365, is a scalable, flexible, and configurable platform built specifically for the elevator industry. FIELDBOSS connects CRM and ERP capabilities with custom-made applications that work together seamlessly as one connected system. The result is a configurable platform that is flexible to meet your unique needs, and position you to grow your business.

Start where you are. We configure FIELDBOSS best practices to align with the way your organization is structured, and we can make modifications as you add customers, contracts and staff. The Microsoft 365 technology platform provides top-rated security and innovation, so your business is always protected and future-proof. The FIELDBOSS mobile solution uses the world-class Resco Mobile CRM app. Running on any smartphone and tablet, it connects natively to Dynamics 365 and seamlessly to our elevator contractor management solution and can be configured to match your technician management needs.

How fast can we implement FIELDBOSS? We now offer low-cost rapid deployments for growing elevator contractors.

In today's world, it is easy to believe that to be successful you must risk big, spend big, be big. But that is not sustainable nor is it true.

FIELDBOSS can help you recognize the resources at your disposal so you can leverage them to achieve your purpose and grow your business.

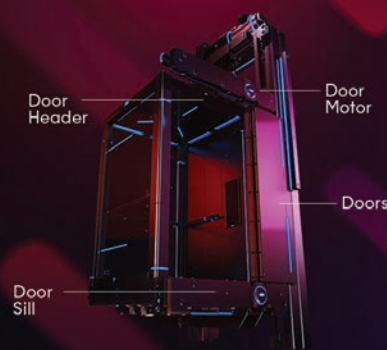
Give us a call and let's get the conversation started!

Contact Information

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Franz – powered by relayr

The most likely culprits of elevator breakdowns.



Franz is a digital elevator servicing solution that works across brands and models through retrofittable sensor-based hardware. It harnesses the power of data to help you deliver extra services to your customers and secure the efficiency of their elevator fleets.

What are its winning features? Franz combines an easy-to-install sensor kit integrated with software for elevator maintenance and service process optimization. Your customers can access relevant data in a white-labeled portal tailored to their needs. The customer portal makes it easier to monitor the fleet, track broken elevators, and trace maintenance activities.

How to install it? It's as simple as that - the industrial gateway with LTE and serial interfaces can be placed anywhere on the cabin roof, sensor unit A is installed on the cabin door gearbox, while sensor unit B is installed on the door drive. The whole installation process takes only 30 minutes - no drilling, no trouble.

Franz stands on the shoulders of relayr's well-established expertise. A two-time winner of the Ellies award in the Best Supplier – Software Category, relayr is an Industrial IoT (IIoT) powerhouse delivering complete solutions for risk-free digital transformations in the vertical-transportation industry. Franz was born out of relayr's strive to guarantee its customers' ambitious business goals are met and exceeded.

Currently, Franz is exclusively available for sale in North America.

For more information about Franz, please visit us online at hellofranz.com.

Lift-Net Monitoring



Lift-Net bridges the gap between building personnel, elevator contractors and the elevator and escalator control systems.

- Display elevator system status, accessible anywhere — security stations, engineering rooms, machine rooms, or remote stations on private LAN/WAN or WEB/Cloud-based over the internet. Provide quick mouse-over feature for quick unit ID, timed control of security features such as Selected Floor Lockouts, Suspicious Person Return, Fireman's Service, Hospital Code Blue Service, VIP Service, UP/Down Peak, and Lobby Recall. Lift-Net saves manpower; view elevator operation and verify trouble reports without actually sending personnel.

- Lift-Net records fault type, car number, floor position, and system status automatically, whenever a fault occurs. Detect intermittent type failures early. Lift-Net creates a comprehensive record when elevators malfunction. Allows your technician to troubleshoot problems even if the car is "Running on Arrival." Lift-Net allows you to respond more quickly to entrapments and provides a permanent record of the fault. Revitalize lobby using modern color Flat Panel displays. Add new features easily — without running any new wires!

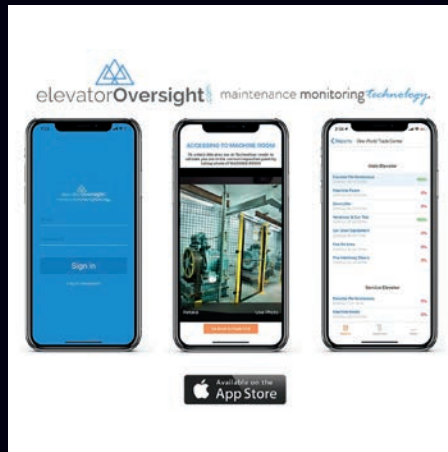
- Lift-Net displays emergency audio and video alarms in security stations to allow immediate response to crisis situations.

- Lift-Net performs statistical analysis on hall response times and traffic patterns. Find the bottlenecks that are slowing system response. Optimize zone patterns for peak performance. Lift-Net provides built-in traffic and fault analysis that is always operating. Lift-Net's fault analysis allows you and your contractor to identify and correct intermittent problems in less time.

- Lift-Net operates on a wide variety of TCP/IP networks. Complete access and control of your elevator system via the internet from anywhere in the world.

info@liftNet.com | www.LiftNet.com

Elevator Management Solutions Inc.



After having surveyed hundreds of elevators and reviewed hundreds of maintenance contracts, it became obvious why a building's owners and managers were frustrated with elevators that offered poor service and were generally unreliable — not to mention the staggering cost of repairs. All those dealing with these issues felt trapped and exposed. Dealing with this situation, it was clear the problems came down to one thing: a poor maintenance program.

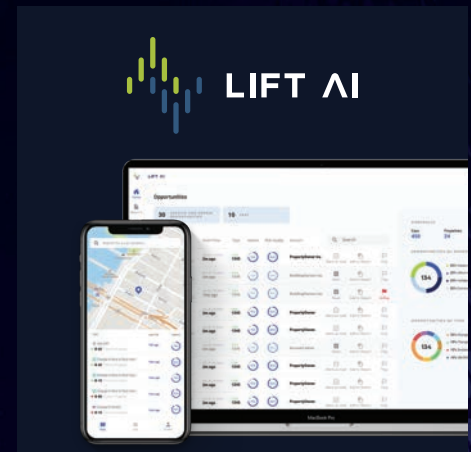
Building owners and managers are relying on the contracted elevator company to provide the proper maintenance. When it is not properly performed, what recourse do the owners/managers have? The Elevator Oversight monitoring device fills that need. When used, our device gives the owners/managers the maintenance information as indicated, who was performing the maintenance, where in the system maintenance was being performed and what time the maintenance was undertaken. It also provides photos of the area/component being serviced. This information is then sent to our servers and emailed to the appropriate parties. Reports with photos of all monitored work can be generated at any time for maintenance review and corrective action by the elevator companies. This allows the owners/managers to view maintenance deficiencies within their elevator systems and have them resolved. The building owners/managers now have the necessary information at their fingertips, which gives them more control over elevator reliability and safety. Once the elevator companies know they are being monitored, they will be compelled to start performing the necessary maintenance they were contracted to perform. This, in turn, can increase the elevators' reliability and useful life, and decrease the need for expensive repairs.

ElevatorOversight.com

(888) 382-2798

Info@elevatoroversight.com

Lift AI The Future of Elevator IoT Monitoring



Join the 100+ businesses that use the Lift AI sensor and software solution to achieve peace of mind, supercharged productivity, new service models, and happy and well-informed customers.

PRODUCT HIGHLIGHTS

- Easy 30 min sensor install; fits any elevator car top.
- Connects automatically via Lift AI cellular network; no IT team or Wi-Fi required.
- Status monitoring & real-time critical alerts
- Detect sudden stops, shutdowns, uptime, door cycles, landing usage, and more.
- Remote inspection and diagnosis
- Outage ("call back") analyses
- Sharable uptime, performance, and issue reports
- Daily portfolio summary in your inbox
- Centralized view of all issues
- Reporting and insights

DEDICATED TO YOUR SUCCESS

- Unlike the competition, Lift AI is:
- 10X more affordable than alternatives.
- Designed for portfolio-wide coverage.
- Flexible; works on any elevator.
- Custom built for the elevator industry, by the elevator industry.

GET STARTED

Put Lift AI to work for you and your customers today. And don't forget to ask about our reduced cost pilot program.

Learn more at LiftAI.com

GOOD SOFTWARE PERFORMS A TASK, GREAT SOFTWARE PROVIDES A SOLUTION.

There's a lot to this business. Maintenance issues, safety concerns, and getting the right parts on time are just some of the challenges we in the elevator industry have to navigate daily. This creates an environment where a lot of time is spent finding a solution for many different issues. What if there was one solution to solve the multiple issues that customers deal with? One specifically geared towards flexibility, cost-effectiveness, and offer an expanding feature set? MosaicONE by MAD Elevator provides that solution by taking a more comprehensive approach to problem solving by delivering a system that provides multiple solutions from one platform.

Once installed, features can be added to MosaicONE based on building needs and often at no or low-cost. With requirements ranging from A17.1/B44 compliance to video storage and custom digital signage, this system provides a building with multiple solutions for its elevator. The modular nature of MosaicONE lets users buy one product and easily add to it when needed; all without additional installation or labor.

MosaicONE's **Digital Signage**, for example, offers building managers the ability to customize their elevator screens with their own graphics, displaying the news, weather, or building updates, and scheduling the date/time and duration in advance directly from the cloud, from any computer. The building manager is in complete control of media in their elevators.

As elevator codes change, so does our outlook on the passenger experience. That's why when the A17.1/B44 & IBC 2019 code requirements were announced making emergency communications more inclusive for those with disabilities, MAD did not hesitate to respond by developing the MosaicONE **Video & Messaging System**. Using a non-proprietary, the MosaicONE VMS system is becoming the standard for Video, Text and Audio communication for A17.1 2019 compliance. With the existing MosaicONE Cloud comes encrypted communication, full secure user credential control, Two-Factor Authentication, and all the existing cybersecurity features built-in. The system can be added to any network without IT configuration. If network bandwidth drops suddenly, it just keeps working. The system Auto-Installs itself and is up in running within 3 minutes.

The modern world presents moments where buildings require video access into their elevators. The MosaicONE **Cloud Video Backup** lets users access recordings

from previous weeks without installing traditional fully wired security system hardware or software. Either as a standalone MosaicONE feature or through the VMS infrastructure, users can simply download the footage from the cloud on-demand.

In addition to VMS and Cloud Video Backup, buildings can leverage the MosaicONE cloud capability to be notified remotely when a device malfunctions in one of their elevators. With MosaicONE **Auto-Alert**, building owners and elevator contractors will receive an email notifying them of any network, hardware, or communications events that may occur in a building they manage or service. Auto-Alert notifies users in the event of network/hardware issues or even if someone vandalizes a camera in a particular elevator. And if an elevator's phone is used, building managers are aware before being notified by monitoring personnel; saving time and site visits.

To meet the needs of those in the elevator industry, MosaicONE offers Digital Signage, VMS Communication, Cloud Video backup, Auto-Alerts and more; available together or a-la-carte. MosaicONE offers multiple solutions all at your fingertips.

MosaicONE Platform

MosaicONE Digital Signage

- Update your PI graphics from anywhere using our easy-to-use Cloud Digital Signage editor

MosaicONE Video & Messaging System

- A17.1/B44 2019 Code Compliant
- Fully encrypted, Cyber Security tested
- Fully integrated Plug and Play system

MosaicONE Cloud Video Backup

- Secure, low-cost Security Video Backup and on-demand Cloud Retrieval

MosaicONE Auto-Alert

- E-mail notifications of Hardware/Network status changes. Plus, get notified of emergency calls as they happen.



An operator is online
OPERATOR: CAN YOU HEAR ME?
PASSENGER: NO
OPERATOR: IS THE ELEVATOR STUCK?
PASSENGER: YES
Press Door Open for YES
Press Door Close for NO
Help is on the way

FIREFIGHTERS' OPERATION

Ontario Investment And Trade Centre

32	33	34	35
28	29	30	31
24	25	26	27
20	21	22	23

Request a demo today.

MosaicONE VMS
A17.1/B44 2019 Code Compliant



Audited by
Cyber Security
Experts



SSL
Labs



Security
Scorecard

Part of the DMG group of companies

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