

# Empowering Businesses with IoT Technology



# **ABOUT US**

### **Our Mission:**

To provide our customers with intelligent data to make fact-based decisions that improve retail performance and value. We achieve this through our turnkey solution, in-house developed software, and cutting-edge technology.

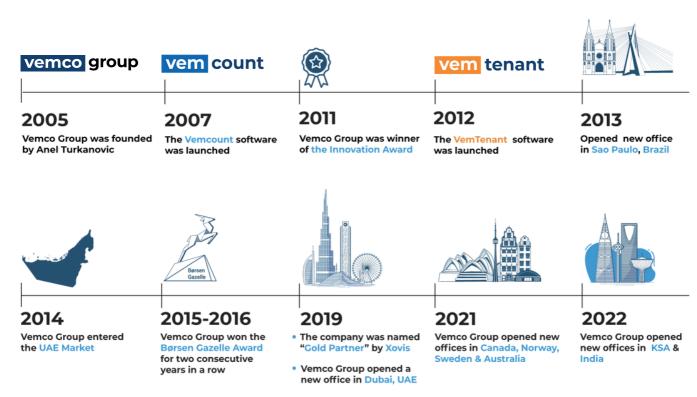
### Who are we?

Vemco Group is a world-leading data analytics software company, specializing in delivering solutions for people counting, tracking, facility management, and customer behavior as well as collecting data across multiple KPIs and providing access to everything within our easy-to-use platform.

Since 2005, we have continually developed and innovated our solution based on direct feedback from all our customers using the platform worldwide. Our solution is used by numerous retailers globally, and we continue to develop additional features that support and add value to their businesses.

In close and continuous dialogue with our partners and customers, we strive to stay on an evolutionary road to success, as we believe that our customer's success is our success

## The History of Vemco Group



Since our founding in 2005, we have placed our customers at the center of everything that we do, developing a product that is sophisticated, yet easy to use. This simple approach has enabled our business to expand worldwide, supporting clients in over 98 countries. We have formed strong partnerships with market-leading hardware manufacturers to deliver an unparalleled solution, along with achieving many development milestones.

In this journey we have always strived to deliver excellence through innovation and research, delivering the best available technology on the market.

### **Global Reach, Local Expertise**



With more than 18 years of global experience in people counting and retail analytics, Vemco Group always aims to work with the best, most reliable, and most accurate counting devices that are compatible with our own developed software.

Our solution is used worldwide, providing our customers with knowledge that can lead to cost savings, greater efficiency, and improvement of conversion rate and profitability. This is possible because our software is continuously undergoing development in close dialogue with our customers and partners to meet every expectation and need. Our team consists of highly experienced retail and technical staff. Bringing success to our customers with high-accuracy counting solutions makes our software the preferred choice of any marketing representative, manager, or executive.

# Sensor Technology



Since 2005 we have integrated with over 40 different types of sensor manufacturers, including IoT, AI, 3D, thermal, and more. We can combine different sensor technologies within the same solution and utilize different sensor types based on coverage requirements, height, and external environment in addition to using AI for demographic data to ensure a highly customized solution to exceed our customer's requirements.

Alternatively, we can also integrate our software with your existing hardware, as we have already integrated with many sensors on the market. This is a cost-effective approach to delivering a high ROI while enhancing the existing solution. vem iot

Enhance your store or facility's competence and automate your business by connecting, communicating, and managing all your devices and applications centrally with Vemiot.

IoT is leading the future of technology and innovation. We employ market-leading IoT devices to help businesses understand every aspect of their facility and its performance/usage.



## **Key Features**

Co2 Control Desk Presence Noise Detection Room Occupancy Automatic Lighting Temperature Control LoRaWAN IoT & Sigfox Washroom Occupancy

# **IoT-Sensor Functionalities**

Vemco Group partners with top IoT sensor suppliers to ensure we can deliver the best possible IoT solution for our customers.

| Sensor                           | Use Case  |
|----------------------------------|---|
| Al Workplace Occupancy Sensor    | Optimize office space usage and desk booking.                                     |
| Bathroom Occupancy Sensor        | Monitor restroom occupancy for cleaning and maintenance.                          |
| Ultrasonic Distance/Level Sensor | Measure stock levels on storage shelves.  |
| Smart Button                     | Allow customers to call for assistance or information, e.g., in the fitting room. |

| Sensor                             | Use Case  |
|------------------------------------|---|
| Light Sensor                       | Automate lighting based on customer presence.   |
| Magnetic Contact Switch            | Secure high-value merchandise with<br>door/window alarms. Ensure fire safety<br>doors are closed properly.                      |
| Smart Scene Panel                  | Control lighting and ambiance in specific store areas.  |
| Temperature & Humidity Sensor      | Monitor HVAC and environmental<br>conditions for comfort, as well as<br>fridge/freezer temperature/humidity.                    |
| Bathroom Odor Sensor               | Ensure restrooms are clean and fresh for<br>occupants. Monitor odor in janitor closets,<br>storage rooms, outdoor storage, etc. |
| Laser Distance Sensor              | Measure room dimensions and check for structural changes.   |
| Smart Fill Level Monitoring Sensor | Track fuel or liquid levels in tanks or soap<br>dispensers for timely refills, as well as<br>garbage fill levels in trash cans. |

### How We Help Multiple Industries

With many years of experience in working with facility operators, we have the knowledge and experience to deliver a complete solution for any industry looking for an IoT solution. Once a plan has been approved, we deploy the most reliable and accurate IoT sensors based on your requirements, with our in-house team handling every step of the solution rollout.



### RETAIL

In retail, IoT sensors optimize inventory management with real-time monitoring on smart shelves, reducing outof-stock instances. Customer behavior data collected by these sensors enables personalized marketing strategies, enhancing overall satisfaction and boosting sales.

### MALLS

IoT sensors in malls drive operational efficiency with restroom maintenance, sustainable cost-efficiency, and real-time security. They also provide valuable insights for layout optimization, improving the overall shopping experience.





#### UNIVERSITIES

In universities, IoT sensors create dynamic learning environments by enabling desk presence maps. These sensors also streamline campus management, tracking resource utilization and optimizing facility maintenance schedules for improved efficiency and cost-effectiveness.

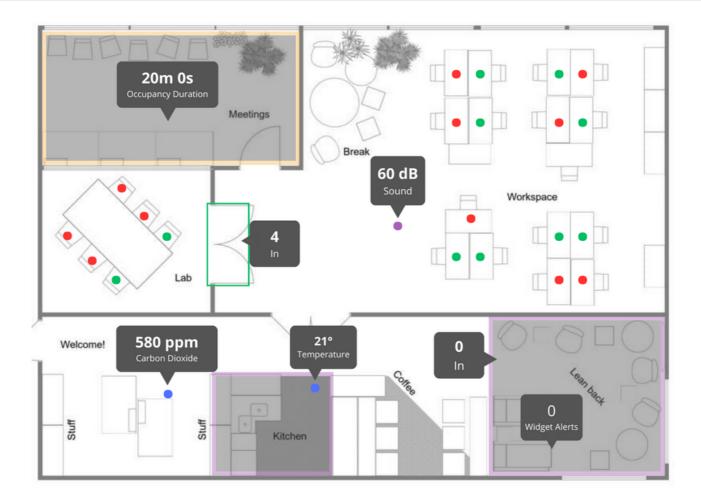
#### **SMART OFFICES**

IoT sensors boost productivity in offices by monitoring energy usage and optimizing lighting, heating, and cooling systems according to realtime occupancy data, reducing operational costs while fostering a more sustainable workplace.



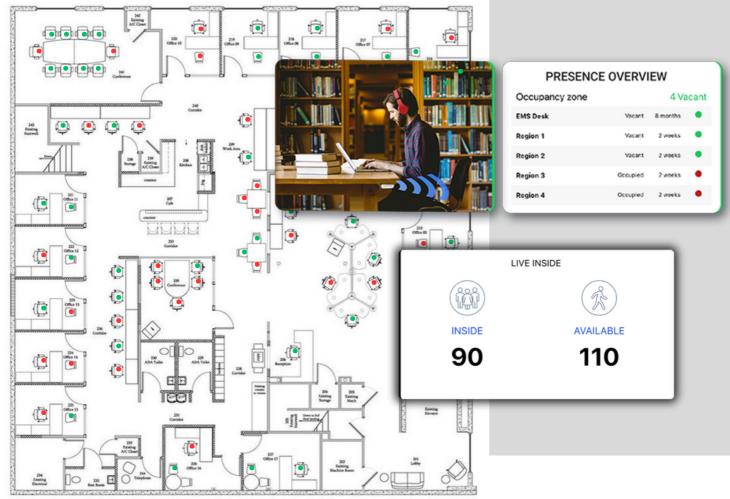
## **Full IoT Map**

Keep track of your entire facility with IoT. Our solution not only track occupancy levels, it also monitors indoor climate in real-time, including noise, temperature, and Co2 levels for optimal working conditions. Intelligent climate control ensures employee comfort throughout the day.



## **Desk Presence Map**

Maximize space utilization with real-time detection of individuals at desks. By placing a small battery-powered IoT sensor below each desk at your office or facility, you can detect occupancy levels. This information can be sent directly to screens or apps, so visitors/employees/students get a real-time overview of the availability of offices, study rooms, libraries, and more.



# **Our Software**

### **Customizable Dashboards**

Each user can build as many of their own customized dashboards, for an overview of multiple KPIs and insights like visitor counts, live occupancy, trends, sales, conversion rates, events, weather, indoor climate, and more. Build a dashboard from scratch or use a template from our library.

#### **Tailor-Made Reports**

Every user can build and manage their own reports by saving, editing, and sharing with other users. Get valuable insights across multiple data sources to optimize operational effectiveness. Export the reports into formats such as Excel (CSV) and PDF with just one click on a daily, weekly, or monthly basis.

### **Data Integration**

Integrate our software with your ERP or BI workforce, and other systems for an all-encompassing solution. Explore and discover correlations in the data and add depth to your analysis.





### **Real-Time Alerts**

Set alerts and notifications to maintain control of the desired level of occupancy to act quickly and improve customer service or facility maintenance.



#### **Sensor Checks**

We continually monitor every sensor with health checks built in. We provide remote access to the sensors to easily validate the accuracy at anytime.

## **Full Integration**

Vemfusion ensures easy integration between our software and your preferred, existing systems and software. Build, deploy, and manage our software across a range of applications, while combining data from multiple sources.

### **Booking Systems**

Integrate live and historical data from our software with your booking systems to see if rooms are empty even though they are booked.

### **Maze Maps**

Integrate occupancy data and heatmaps with your maze maps to access data in one single place for optimized efficiency and overview.

### ERP / POS / BI / CRM / BMS

Integrate data from any source to get a consolidated, holistic understanding of your data and improve operations.

### 150+ Data Sources



# vem fusion

Sensor & System Integration



### **Get In Touch**



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