

# RESTROOM SOLUTION

INFORM, MANAGE & KEEP PEOPLE SAFE WITHOUT INVADING PRIVACY.



Many operators of large visitor attractions such as Zoo's, Leisure Parks and Piers; have a major concern with regards to how they can manage restroom capacity with effective social distancing.

Smart Density solves this.

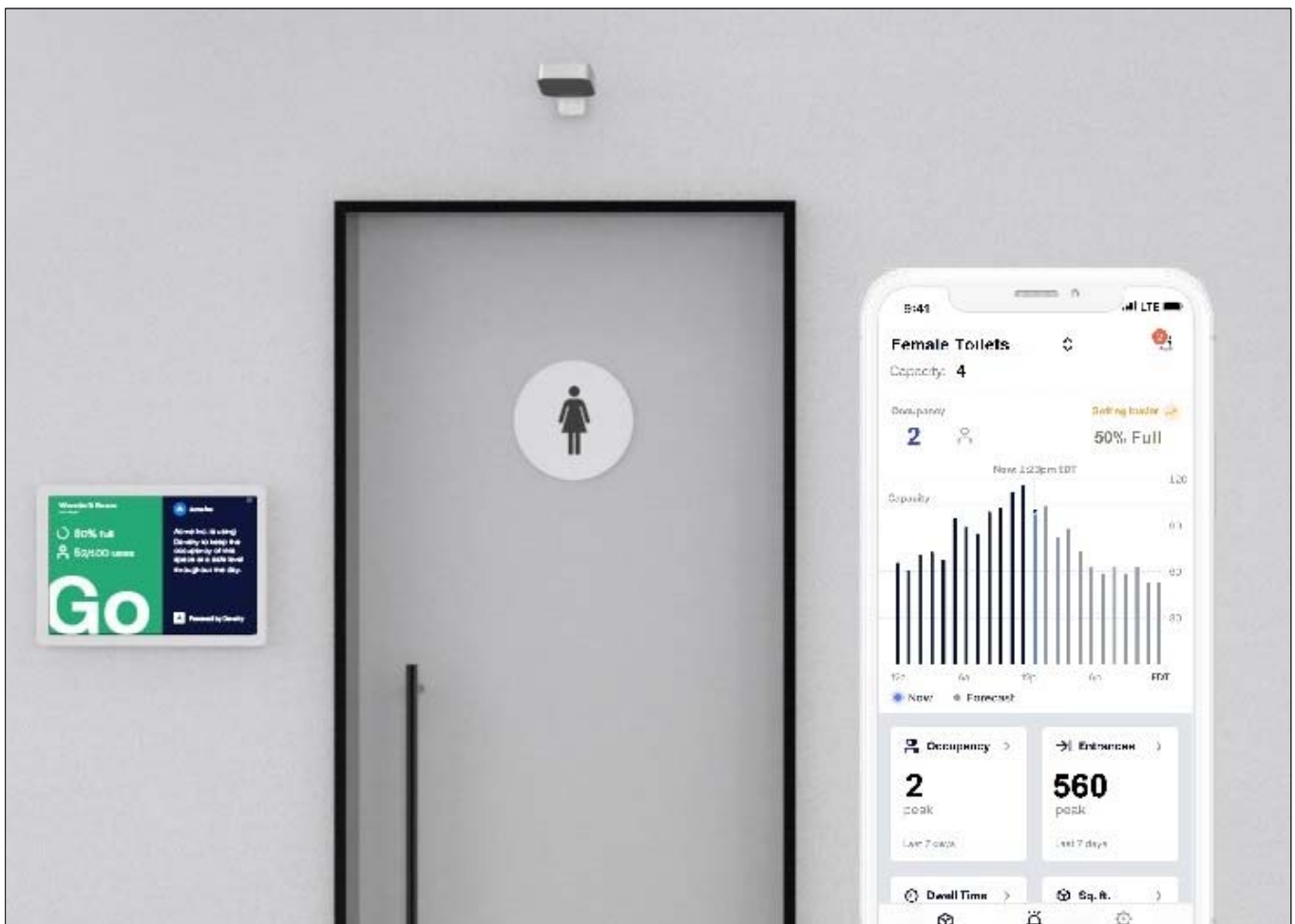
Smart Density is the world's most advanced people counter. It accurately counts people in real time, without infringing on occupant privacy.

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## Provide The Best Customer Experience Possible.

Density enables you to forecast and respond to customer need's in real time.

- Safe Limit - Set your maximum capacity and Density will automatically determine if there's enough space for people to enter.
- Receive Realtime Alerts - Set occupancy target and alert staff at predefined limits
- Communicate clearly and objectively to staff and customers



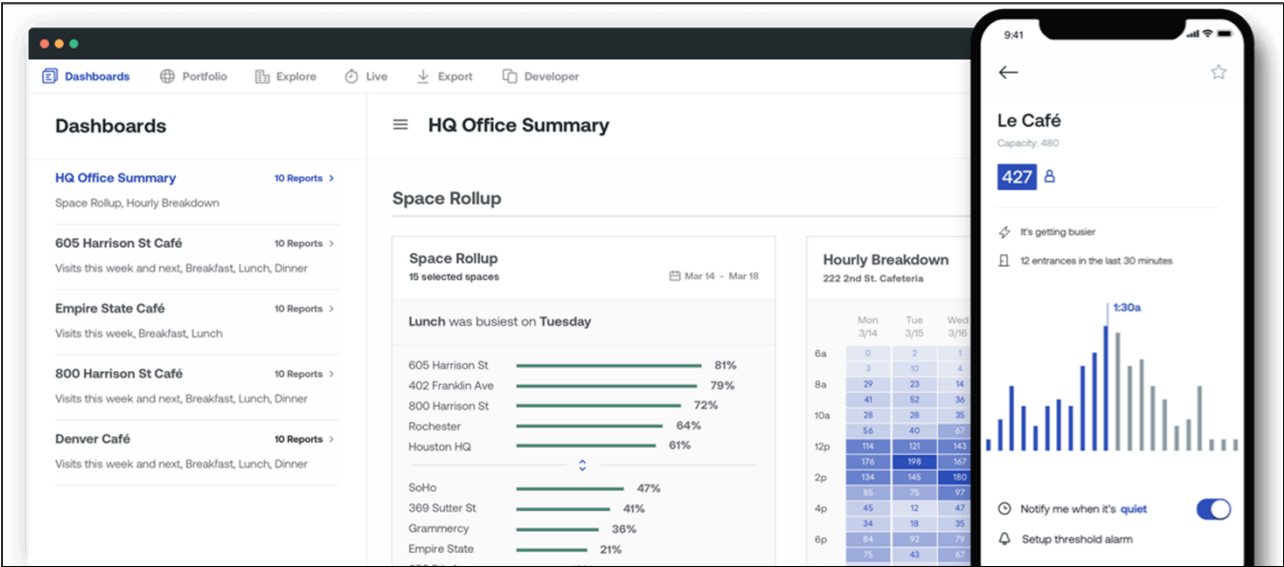
- Schedule Activities based on usage – For example alert staff to clean restrooms based on usage



# The Most Scalable People Counting System.

Accurate. Anonymous. Real-Time. Density gives you powerful, modern software to understand how your spaces are used.

**Scale Easily** – Designed for single and multi-property - Density can handle multiple points of entry, group and bi-directional movement, unlimited nested spaces, buildings within regions, and sprawling, national portfolios of any space type.












**Realtime & Historic Analytics** - Improve facility operations, match ordering and amenities to forecasted demand, with predictive forecasts on utilization.



# Why Density?.

Compared to alternative approaches, Density offers higher accuracy and greater flexibility.

Alternatives	Why Alternative Doesn't work	 Density
"Bed checks"	 Paying people to monitor space use is expensive	 Cost-effective; non-imposing design
Break-beam sensor	 High false positive rate — can't measure multiple entrances and exits	 Not fooled by groups and multiple entrances
Camera with facial recognition	 Not feasible for meeting rooms or work areas due to privacy concerns	 Highly accurate and anonymous
Desk/seat sensor	 Not accurate for utilization of room, floors, buildings	 Scalable for every room, floor, and building



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## How it Works

### Easy Install

Install Density Depth Processing Unit (DPU) over an entryway. Connect using ethernet, WiFi or 4G.

### Real-Time Monitoring

Once installed, DPU uses Class 1 infrared lasers and computer vision to monitor entrance and exit events in real time.



#### DPU

Each DPU has an on-board processor. Machine learning algorithms continuously process anonymous depth data to identify human movement.

#### Density Cloud

Count data: +1 for an entrance, -1 for an exit—are sent to Density's secure cloud service. Data is fully encrypted at all times, in transit and at rest.

#### Density Software

Users are able to access real-time and predictive data—as well as rich analytics and report—in the Density Dashboard, mobile applications, and via API.

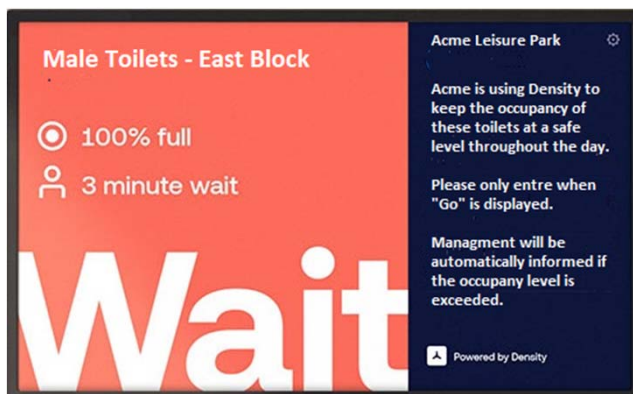


## Ensure Safety

Limit capacity and trigger SMS and native notifications or visual warnings when safe limits are exceeded.

### Safe Display

Empower employees and customers to make safer decisions about their day with real-time capacity displays. Options are native mobile, web, SMS, and on-site digital signage.



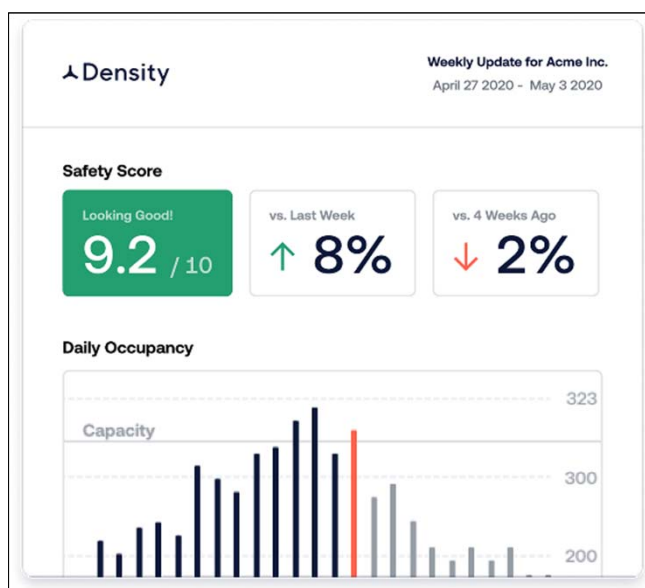
### Safe Alerts

Alert staff when occupancy reaches unsafe levels. Give your employees and customers the ability to subscribe to Safe Alerts.



### Safe Analytics

Monitor your portfolio's compliance with social distancing policies using Safe Analytics.



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## About Density

Density is the new occupancy analytics platform. Using proprietary sensors and software, the platform accurately measures foot traffic throughout buildings. Enterprise teams use Density to eliminate underutilized real estate, deliver exceptional workplace experiences, and strengthen physical security. Unlike alternatives—which are either invasive or imprecise—Density is both anonymous by design and the industry's most accurate system.

Together, Density's customers manage over 100 million square feet of corporate real estate. Density was founded in 2014, with offices in San Francisco, New York City, and Syracuse, New York.

Want to Learn More?

Contact Density's UK Partner

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