Solution Overview

Physical Security

Prevent tailgating and enable smarter emergency response with Density
Combat entrance tailgating and improve emergency response with Density’s real-time data platform.

**Eliminate Security Threat**
Prevent unauthorized persons from accessing your facility.

**See Real-Time Occupancy**
Deploy Density building-wide to know the real-time occupancy of every room.

**Strengthen Physical Security**
Eliminate known security loopholes in your physical security system.

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**Security**

A tailgating incident has occurred!

**Floor 1 / Door Lab Entry**
4:32 PM 12/20/2018
Tailgating Opens the Door to Security Problems

Widespread Occurrence
Tailgating occurs up to 50% of entrances.¹

Increasing Problem
49% of security executives believe breaches due to tailgating have increased over the past decade.²

Costly Risks
41% of security executives believe the cost of tailgating to their organization is $2M to “too high to measure.”³

Exposure to Breaches
70% of security executives believe that it was somewhat likely to very likely a security breach could happen from tailgating.⁴

¹²³⁴ Allied Barton: “Security, Resiliency & Technology (SRT) Integration Forum”
The first platform for accurately and anonymously tracking people throughout a building.

Density offers physical security teams a cost-effective, scalable solution to mitigate unauthorized building access due to tailgating. Made possible by Density’s proprietary people-counting technology, the solution is easy to install and can be integrated with most major access control providers.

How It Works

**Easy Install**

Install Density Depth Processing Unit (DPU) over an entryway. PoE+ or WiFi and a standard outlet.

**Real-Time Monitoring**

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

**Count Every Person-Entrance**

Integrated into an access control, Density instantly accurately identifies discrepancies between the number of person-entrances and the number of access-badge swipes.

**Flexible Exception Handling**

From sounding an alarm to flagging a timestamp in video security streams, security teams have flexible options when defining rules for real-time exception handling.
Compared to alternative approaches, Density offers higher accuracy and greater flexibility at a more competitive price.

<table>
<thead>
<tr>
<th>Alternatives</th>
<th>Why Alternative Doesn’t work</th>
<th>Density</th>
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<tbody>
<tr>
<td>Turnstile</td>
<td>Expensive, doesn’t work well for secondary points of ingress</td>
<td>Cost-effective; non-imposing design</td>
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<td>Break-beam sensor</td>
<td>High false positive rate—carts, bicycles and other items cause counting errors</td>
<td>Not fooled by carts, bicycles or other objects</td>
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<tr>
<td>Camera with facial recognition</td>
<td>High error rate when faces are obscured or turned away from the camera</td>
<td>Highly accurate</td>
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<td>Security Guards at every door</td>
<td>Expensive; not scalable; prone to alarm fatigue</td>
<td>Low false-positive rate; cost-effective</td>
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About Tangible

For the past 12 years, we have been designing experiences for a variety of clients, ranging from events and public spaces to retail stores and corporate offices. No matter the setting, our goal is to create a memorable and inspiring experience. With Covid-19 disrupting the way we do things on an everyday basis, we are focusing our energy into the small things that can make us feel safe as we return to venues, stores and offices.

We’ve worked globally with brands such as Adidas, Nike, Google, Facebook, Ralph Lauren, Chanel, and Samsung. Our recent partnership with Density has allowed us to continue to design with a people first mentality.

About Density

Density is the new occupancy analytics platform. Using proprietary sensors and software, the platform accurately measures foot traffic throughout buildings. Clients use Density to reassure occupants of their safety, their experiences, and evaluate policy effectiveness and planning. 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 occupancy areas. Density was founded in 2014, with offices in San Francisco, New York City, and Syracuse, New York.

Interested? Give us a call or email us for more info.

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