MANAGE CROWD DENSITY AND DISTANCING

Receive real-time occupancy counts and density alerts

Armored Things empowers managers of campuses and venues with technology that enables better decision making through the use of data and predictive intelligence. Our cloud-based SaaS platform combines real-time metrics with predictive machine learning to show where people are and where they are likely to be. This gives venue and site managers powerful insights for planning security, configuring floor plans, shaping foot traffic and optimizing event space. They can also monitor social distancing guidelines for compliance and anomalies.

Easy-to-use Administrative Controls

A user-friendly dashboard gives administrators access to historical, real-time and predictive analytics of people within a campus or venue space. The data is aggregated from existing security and IT systems, and our own cloud-based predictive algorithms. We leverage your existing systems to surface visual representations of people in spaces. There's no need to invest in pricey or complicated sensors. Venue managers can easily identify occupancy limits in zones or for an entire space, and receive alerts when occupancy nears or reaches those thresholds. From the dashboard or a mobile app, they can communicate crowd reduction, incident response, or social distancing instructions to staff members.

Solution Highlights

- Easy-to-understand dashboards
- Command center or mobile view
  for improved incident response
- Real-time, historical, and predictive analytics
- Data is anonymous to alleviate privacy concerns
- 100% remote deploy capability

POWERFUL AI MADE SIMPLE

Although it's based on a sophisticated, cloud-based algorithmic platform, Armored Things uses a simple, logical workflow to translate data into actionable intelligence:

Real-time data is processed from existing wi-fi and video sources.

The data is analyzed on edge appliances using machine learning models and proprietary algorithms.

Spatial occupancy rates and attributes are fused to generate a complete picture of live crowd activity across covered locations.
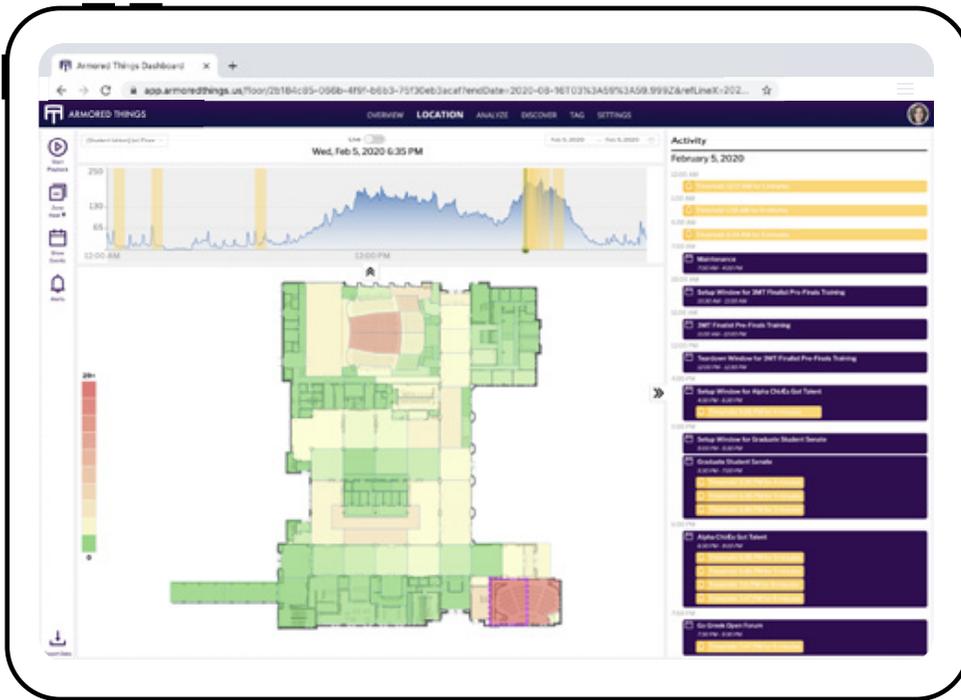
Activity reports are overlaid with contextual information like event schedules, room reservations, and real-time transit data.

Visualizations, reports, alerts, and trend analysis are made available on the administrative dashboard and mobile app.

Peace of Mind with Density Alerts

Our new Density Alerts feature allows you to set custom dashboard and text alerts on both occupancy limits and social distancing guidelines. This feature was requested by customers who need to have crowd intelligence that is immediately actionable.

Density Alerts are a way to help students, fans, and internal stakeholders keep confident that social distancing protocols are followed.

To learn more about Armored Things, contact our Vice President, Sales:

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REOPEN WITH CONFIDENCE

Alerting to help meet capacity and density guidelines

Discover queries for compliance and documentation

Space utilization for occupancy and vacancy

Sanitation scheduling for facilities calendars