

# Tando™ Use Cases

Indoor Robotics' Tando™ is an automated security robot designed to efficiently handle tedious, repetitive tasks such as security inspection and safety monitoring in various environments. It combines the accuracy of sensors, visibility of cameras, the flexibility of drones, and mobility of humans.

## Offices

### Background

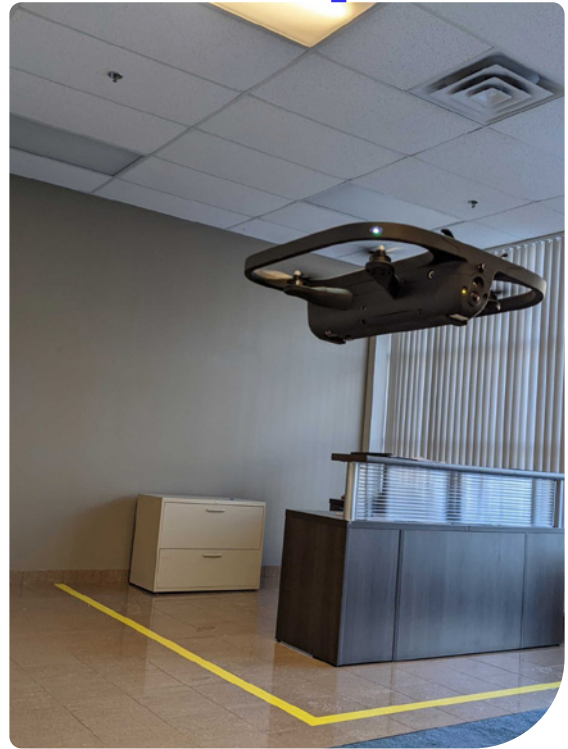
Security & facility managers require a resilient security system that can protect office and employees' assets during nights and weekends.

### Challenge

- Find a reliable cost-effective security system that can monitor, inspect, and protect the office
- Reduce False alarms
- Enable full remote monitoring

### Advantages of Tando the autonomous indoor drone

- Remote monitoring – state-of-the-art sensors and cameras to monitor and inspect spaces after hours. Identify leaks, temperature anomalies, and intruders', even while charging on the ceiling.
- Reduced false alarms – Provide visual verification to identify and resolve issues in real time.



## Data Centers



### Background

Data centers are highly secured areas, require vigilant monitoring and inspection to ensure data halls and service areas remain cool, intact and operational at all times.

### Challenge

- Find a security system that can operate remotely to monitor, inspect, and protect a wide area 365/24/7
- Save time and costs of human patrol in critical / sensitive areas
- Avoid downtime, impact service level, and potentially in massive financial damages

### Advantages of Tando the autonomous indoor drone

- Enhanced protection – automate ongoing patrol work and avoid sending people to restricted & sensitive areas such as data halls.
- Thermal assessment – sensitive thermal sensors to inspect the thermal profile of server racks, generators and electricity cabinets to identify potential anomalies vs. the desired state.



## Warehouses

### Background

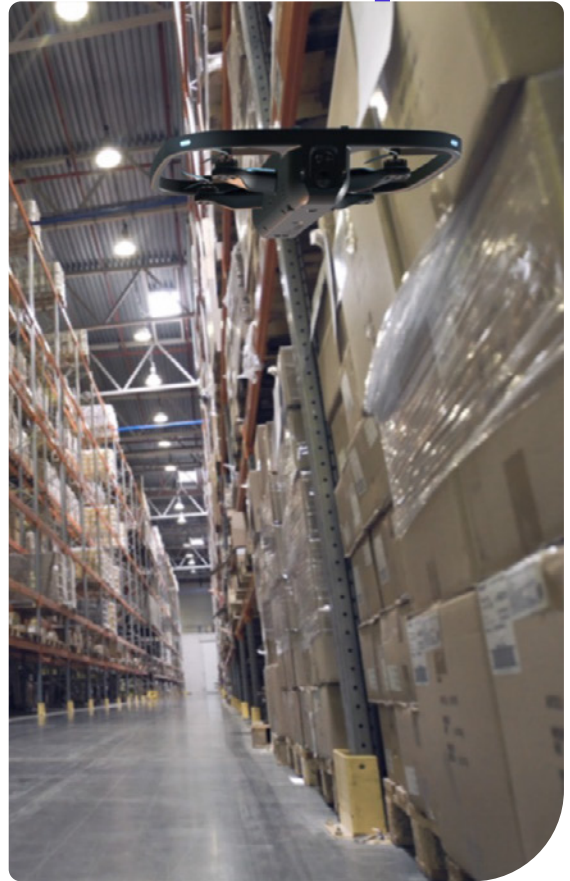
Warehouses are very difficult to monitor and protect 24/7 without an in-person team patrolling the premises. A security and CCTV system is highly expensive and doesn't support safety and maintenance inspection needs

### Challenge

- A security & safety monitoring system that can cover large areas remotely in real-time
- Automate security, maintenance and safety inspection to drive manpower efficiency and improve quality

### Advantages of Tando the autonomous indoor drone

- Security officer – Patrol and serve as a visual deterrent detecting intruders, immediately responding to alarms.
- Safety manager – ongoing inspection of various elements such as shelving structure, fire and water systems, emergency evacuation, and industrial system monitoring
- Warehouse manager – examine and manage shelves, inventory, and initiate spot checks.



## Retail



### Background

Malls and retail stores require 24/7 surveillance and monitoring of frequently used large spaces.

### Challenge

- Find a security and maintenance system that can collect data, analyze, and send alerts in real-time
- Enable full remote monitoring of a large and complex spaces

### Advantages of Tando the autonomous indoor drone

- Security tasks – drone fleet patrols all areas per schedule; detecting intruders, validating false alarms, alerting on open doors.
- Safety inspection – picks up and triggers on fires, leaks or any safety hazard thanks to its intelligent sensors.
- Daily maintenance – alerts cleaning crews to assist maintenance staff.
- Data collection and retail analytics – collects data and provide analytics for daily operational tasks; planogram compliance, pricing, and out-of-stock alerts.