



# Sustainable Security:

Empowering Good Corporate Citizenship







# Balancing Security & Safety

Over the years, there has been a growing demand for entrance control solutions to add value by integrating seamlessly with other security and building management elements. With the rise of smart buildings, security solutions should emphasize good corporate citizenship by demonstrating responsible business practices in regards to social, ethical, and environmental long-term effects. Terms such as interoperability and compatibility have driven our product development, and strengthened our relationships with manufacturers, integrators, and end-users.



## Certification and Accreditations

Backed by the environmental management system accredited to ISO 14001:2015, we continually look to improve how our entrance control products interact with the environment, intending to make them as environmentally benign as possible.

The Smarter Security suite of over 20 different models of Fastlane® optical turnstiles and Door Detectives® already has world-class sustainability built right in at the production facility. All components are assembled in a manner that facilitates recycling at the end of its long life span. With power requirements per lane in the 60 watts range, compared to the 900 watts of older retracting style lanes, the power requirements of Smarter Security's turnstiles have been cited as part of a LEED scorecard for energy conservation. Their incredibly low power consumption contributes to an improved overall power consumption score for the building. As a result, Fastlane turnstiles have been used in many LEED Platinum and Gold rated buildings.

Fastlane turnstiles feature an industry-leading mean time between failure (MTBF), with some existing lanes still in use

after virtually 30 years. This durability makes the total cost of ownership (TCO) for Fastlane turnstiles the best in the industry, regardless of the original lane price.



## Manufactured Responsibility

Limiting our environmental impact starts with the factors we can control within our own business of production. Outcomes from this include the implementation of constant monitoring and reporting for water, electricity, and gas usage to keep it on track with a 5% reduction each year. Given that you can't manage what you can't measure, as part of this effort, our production facility audited their air-conditioning system to confirm that they're within the top 10% threshold when it comes to efficiency.

Zero landfills is another of our key goals. In 2020, 60% of our total waste was recycled – including up to 90% of all glass and metal – with the remainder used for energy generation. Our paper consumption within the manufacturing processes has been reduced to almost zero and changes to our product packaging include a reduction in plastic and the use of adhesive.



## Optimize and Enhance Your Turnstiles

With proven and easily measurable sustainability from our turnstiles, We have taken our software solutions ReconaSense® and SmarterLobby to the same limits.

### POPULATION COUNTING

Some turnstile manufacturers claim to offer “Population Counting,” but most can only do it on a single lane basis. Both software solutions calculate the facility’s entire population based on entry and exit traffic at all turnstiles and access doors. If the customer prefers, these systems can produce more granular counts for a cafeteria, laboratory, or conference room and block further access once predetermined thresholds are exceeded. This is great for social distancing management. Smarter Security’s population counting takes this to the next level by communicating with the HVAC and lighting systems to tell them what the population of a specific area of the facility is and help make appropriate adjustments in real-time to save energy. Capabilities like this position our solutions to become an integral element of ever-evolving smart building design and functionality.

### METAL DETECTION

Many sites globally rely on metal detectors at their entrances to ensure that a person entering is not carrying weapons or to assure they are not taking valuable metal products out of the space. These metal detectors typically require two security staff to manage and use handheld wands to screen anyone who triggers an alarm. In conjunction with our turnstiles, SmarterLobby offers an automated metal detector management solution that automatically lets valid users pass through a metal detector lane and redirect anyone generating an alarm off to the side for secondary screening. On average, two security guards can manage four lanes, a direct staff savings of 75% for every shift, and a more efficient flow of employees during shift changes.

### TRAINING

Many companies struggle to maintain quality assurance and safety standards throughout their products and services. Regular training and recertification programs for staff are mandatory, but checks to ensure the training completion are typically slow, incomplete, and manual. With ReconaSense’s standardized and secure direct database access capabilities, the system warns an employee behind in their training when they enter the facility. After a predetermined number of warnings, they can be denied access until they have passed the required course making the previously impossible-to-enforce training requirements sustainable in any environment.



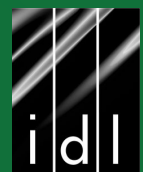
## Letter from IDL

Established in 1985 and serving a global market through premier partners, Integrated Design Limited (IDL) is a British designer and manufacturer of security products, that includes Fastlane Turnstiles and Door Detective anti-tailgating equipment.

The award-winning IDL products help secure several of the world’s most notable and high-profile buildings, with a market-leading reputation for ease of use, safety, security, and long service. Customer demographics include Government, Military, Healthcare, Education, Banking, and Global Corporate Headquarters.

We operate a policy of continual improvement, not only for our products but also for our systems and procedures. This is demonstrated by our continued accreditation to ISO 9001:2015 with our commitment to develop, invest and innovate. Our vision is that we will maintain our status as the natural choice for customers who want the best product and service.

We recognize that these activities, products, and services have an impact on the environment. We have committed to minimizing the effects by developing procedures that are accredited to ISO 14001:2015. These processes affect all activities including material sourcing, efficient manufacturing, recycling, and reduction of waste. Our products are designed with sustainability in mind, reducing materials, using recyclables, and making them easier to dispose of when they have finally reached the end of life.



## About Smarter Security

Smarter Security markets the world's most intelligent Entrance and Access Control solutions. Fastlane turnstiles, Door Detectives, SmarterLobby, and ReconaSense harness the power of neural network technology to provide unrivaled intelligence to pedestrian access control. We secure more than half of the Fortune 100, providing security solutions known globally for high reliability at a lower total cost of ownership. Visit [www.smartersecurity.com](http://www.smartersecurity.com).

For more information, email us at [info@smartersecurity.com](mailto:info@smartersecurity.com) or call us at **800.943.0043**

## Locations

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More intelligent. More secure.



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Smarter Security is an American company  
headquartered in Austin, Texas.