WISE
neosco

COMPANY
PROFILE

CHANGE &
INNOVATION
version.3

Company
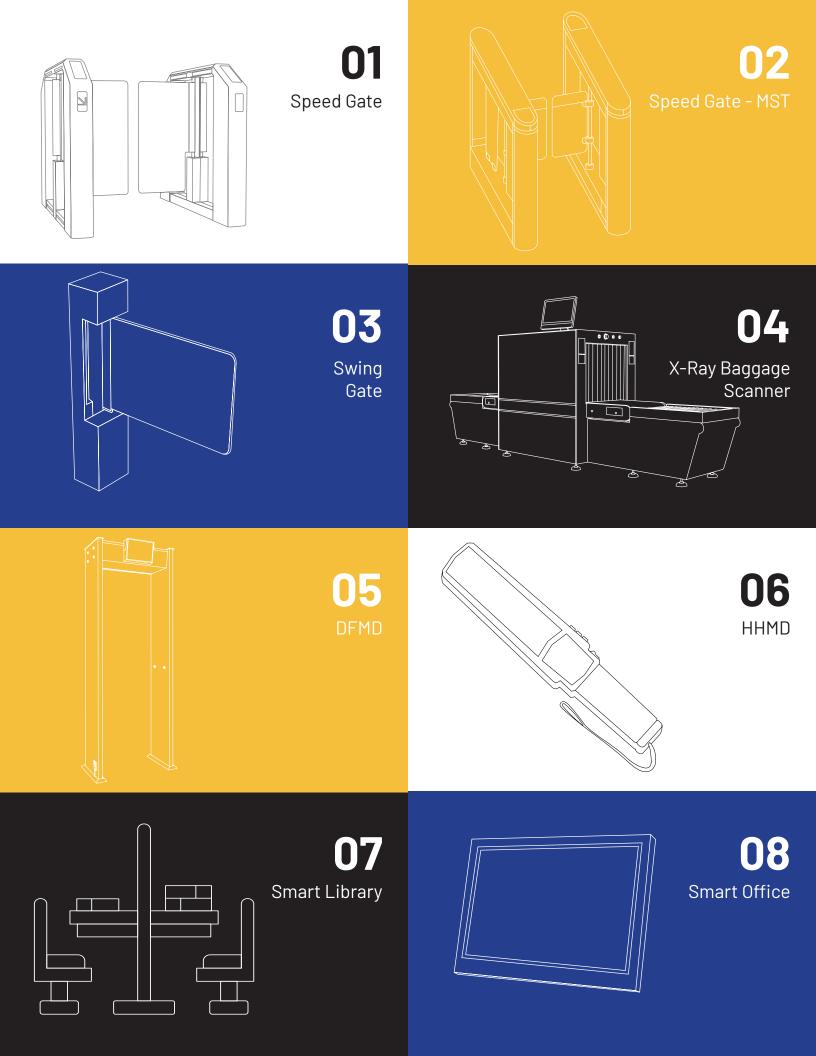## Profile

Content

About Us

Wise Neosco Co. Ltd. is a Korea-based organization established in 2001 and has multiple offices world-wide.

Wise Neosco Co. Ltd. is a wildly growing company that believes in innovating feature technologies specializing in and modernizing the access control system and library data management system. For the past 23 years, Wise Neosco Co Ltd has been working hard to become a leading company in the 21st century knowledge and information industry by providing convenient and reliable optimal solutions for developing intelligent hardware and software. Wise Neosco aims to make the environment smooth for working with featured technologies and believes to provide remarkable service.

We have one of our offices in Greater Noida in India with the registered name Wise Neosco India Pvt Ltd. Now, we (Wise Neosco India Pvt. Ltd.) are working in the direction to make India smart by making smart and automatic libraries and building creative and challenging innovations so that it is easy to use resources available and makes studying more interesting

Wise Neosco is identified as an OEM's (original equipment manufacturer), and service provider of Speed Gate, P Gate, Baggage Scanner, Door Frame Metal Detector (DFMD), Hand-Held Metal Detector (HHMD) & Access Control System and its Accessories.

01
Speed Gate

02
Speed Gate - MST

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Speed Gate

Fundamentally blocks the entry of outsiders so that you can design more effective user counting and access control by restricting access only to authorized persons. Prevents theft, protects facilities, provides safety and comfort atmosphere within the corporation.
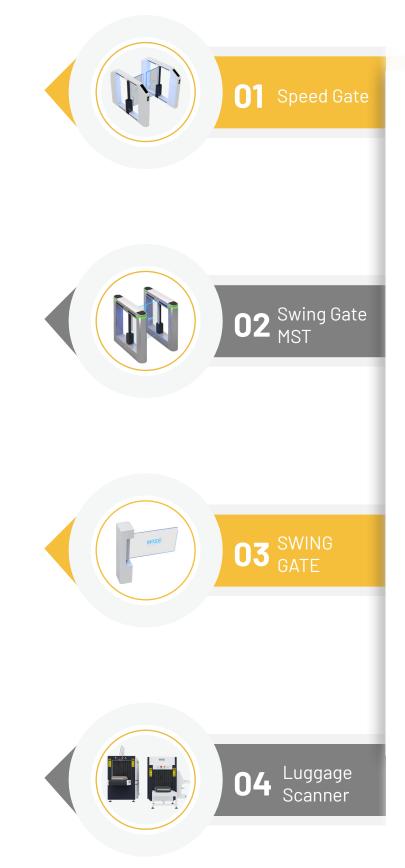
01 Speed Gate

Speed Gate – MST

Access control systems also play a critical role in facility operations.By providing information about the access status of facility workers,companies can create a more efficient operation plan.

02 Swing Gate MST

Swing Gate

Swing Gates are electronic optical turnstile gates that allow quick access. They utilize optical sensors and card reader access to quickly process pedestrian traffic and determine their entry credentials.

03 SWING GATE

Luggage Scanner (AI Based)

Wise Neosco luggage scanners are an essential tool for ensuring the safety and security of malls, hospitals, residential and commercial complexes, airports, movie theaters, and data centers.

04 Luggage Scanner

Door Frame Metal Detector (DFMD)

05 DFMD

Door Frame Metal Detectors are essential for a comprehensive security solution. Implemented across a wide range of sectors and industries, such as malls, hospitals, residential and commercial complexes, airports, movie theaters, & data centers, among others.

Hand Held Metal Detector (HHMD)

06 HHMD

Our wide range of high-sensitivity handheld metal detectors are an effective solution for personnel security checks in airports, railways, hospitals, malls, commercial complexes, schools, stadiums, data centers, and museums.

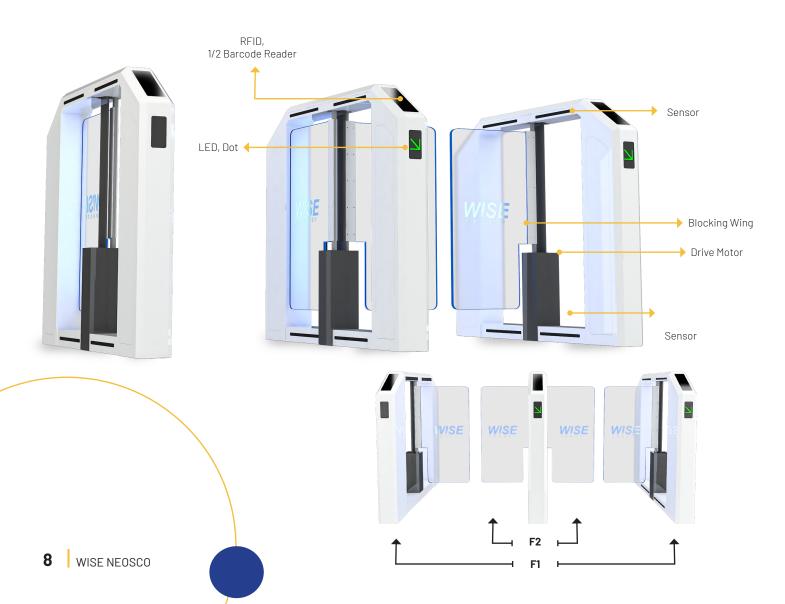## Smart Library

07 Smart Library

Our company takes pride in developing intelligence library solutions that aim to improve the learning environment. We providea a wide array of products and services. such as smart furniture, IoT-based lightning systems, an real-time seat tracking technology.

Smart Office

08 Smart Office

Smart Office streamlines workplace functions like visitor management, meeting scheduling, and amenity booking, all within a single, secure platform. This boosts efficiency, enhances employee experience, and optimizes space utilization.

Products

Speed Gate

BS GATE – R

The BS-Gate is our flagship speed gate, crafted for clients who seek top-tier security, aesthetics, and performance. This premium access control solution combines cutting-edge technology with refined design to offer a sophisticated and secure entryway. With a variety of configurations, finishes, and optional features, the BS-Gate can be customized to perfectly suit any environment, ensuring seamless integration with your space and security needs.

RFID,
1/2 Barcode Reader

LED, Dot

Sensor

Blocking Wing

Drive Motor

Sensor

F2

F1

Specifications

Features

▸ Enhanced Security Support

▸ Slim and Good Design

▸ Disable Person Wheelchair pass assistance

▸ CI * UI Identify assistance

▸ Standard Unit Size - (W x L x H) - 150 x 1500 x 1200* (650mm Passage width)

▸ Low noise and fast operation speed

▸ User friendly to everyone

▸ Minimal footprint

▸ Greater user safety, fire alarm connection, safety sensors

▸ Seamless security barrier

▸ Length & width versatility (customized also available as per client required)

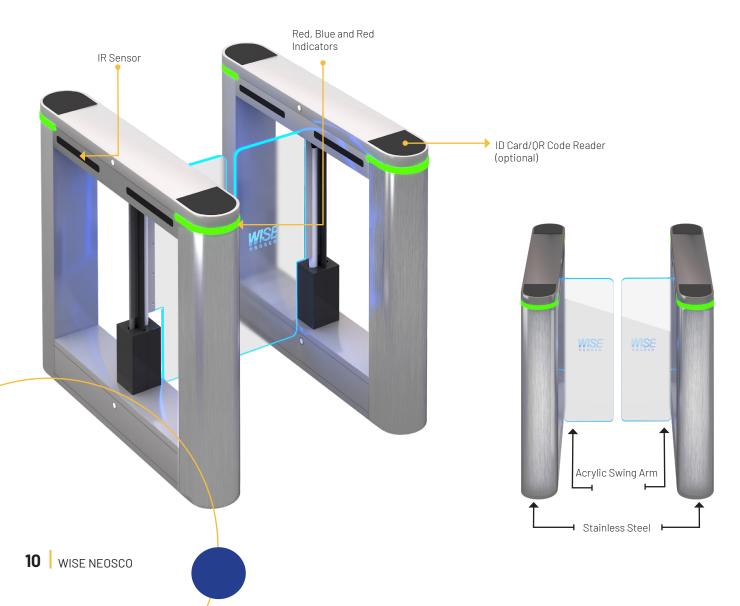▸ Custom Embeded Logo

Technology

▸ **Power Supply :** 110-240V AC•50/60Hz

▸ **Operating Power :** 60W-100W*

▸ **Operating Temperature :** -15°C / +5°F to +70°C/+158°F*

▸ **Weight :** 120kg approx.

▸ **Type of Drive :** AC SERVO Motor

▸ **Wing :** Polycarbonate 15T

▸ **Wing Height :** 1100mm

Products

Speed Gate
BSMST-M004

The MST Gate is the perfect solution for businesses seeking a cost-effective way to enhance security and streamline access control. This reliable and efficient gate provides essential features without compromising on quality.

We can tailor the gate to your specific needs, with adjustable pathway widths and personalized branding, including your company logo.

IR Sensor

Red, Blue and Red Indicators

ID Card/QR Code Reader (optional)

Acrylic Swing Arm

Stainless Steel

Specifications

Features

▶ Enhanced Security Support

▶ Slim & Good Design

▶ Disable Person Wheelchair pass assistance

▶ CI * UI Identify assistance

▶ Low noise and Fast opertation speed

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▶ Greater user safety, fire alarm connection, safety sensors

▶ Seamless Security Barrier

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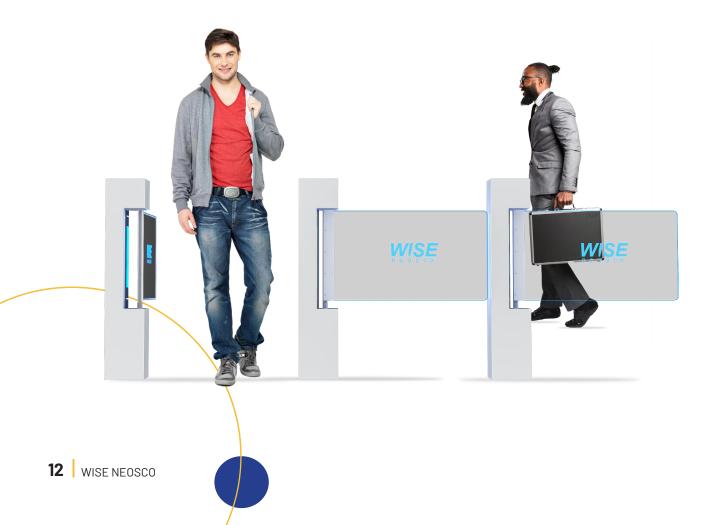
Technology

▶ **Voltage :** AC 100-240V, 50-60Hz

▶ **Authentication Methods:** RFID, biometric, facial recognition, Bar Code, RS-232, QR Code etc

▶ **Compatibility with Third-Party Access Control Systems :** Yes

▶ **Type of Drive:** DC Servo Motor

▶ **Dimensions:** (L x W x H) 1400 x 185 x 1000 mm

▶ **Wing Height:** 850 mm with Client Customized Logo

▶ **Weight:** 60 kg*

Products

Swing Gate
P-Gate

P-Gate offers a versatile, high-comfort entry solution for individuals with disabilities, large packages, carts, and trolleys. This motorized, bi-directional gate can function as a standalone unit or in combination with BS-Gate or MST Gate for enhanced security. With a smooth, silent drive mechanism and built-in safety features, it ensures secure and comfortable passage.

Offering a 90-degree swing in both directions and a generous maximum opening width of 1000 mm, it suits various entry needs. For extra-wide access, two P-Gates can be configured facing each other to allow seamless movement of larger objects.

Specifications

Features

▶ Large Entry Space

▶ Wheelchair Accessibility

▶ 180-Degree Access

▶ Remote Operation Access

▶ Integrated Fire Alarm Feature

▶ Customized Wing Logo Printing

▶ Length & Width versatility (customized also available)

Technology

▶ **Size :**   237(W) * 237(D) * 1200(H) mm

▶ **Aisle width :**   1000 mm

▶ **Wing Height :**   1100 mm

▶ **Voltage :**   220V AC 60Hz

▶ **Motor:**   AC Servo Motor

▶ **Frame :**   Powder Coated

▶ **Wing :**   Polycarbonate 15T

Products

X-Ray Baggage Scanner

WN-530/6020/6040B

Wise Neosco Revolutionizes Security with 2nd Generation X-Ray Baggage Scanners

Wise Neosco, a leader in security technology, has unveiled its groundbreaking 2nd generation X-ray baggage scanners, setting a new standard for speed, accuracy, and efficiency in security checkpoints. These cutting-edge scanners boast sleek, modern design and are packed with innovative features that redefine threat detection.

AI-Powered Intelligence for Enhanced Security

At the heart of these scanners is the revolutionary AI-based Threat Identification system. This intelligent technology automatically detects potential threats, significantly accelerating the screening process and reducing the workload on security personnel. The system is trained to identify 35 major types of prohibited goods, ensuring comprehensive and consistent security checks.

Further enhancing accuracy, Wise Neosco has incorporated Intelligent Recognition Technology. Deep learning algorithms with independent intellectual property rights provide superior threat detection capabilities, seamlessly integrating with the X-ray imaging software for unparalleled precision.

Streamlined Operations and User-Friendly Design

Wise Neosco prioritizes user experience. The 2nd generation scanners feature a new, intuitive design and variable conveyor speed with one-key switching, allowing operators to adjust to varying baggage volumes and types.

Specifications

▸ **AI-powered Threat Detection:**
The AI automatically identifies potential threats with high accuracy, increasing efficiency and reducing false alarms.

▸ **Automated Prohibited Item Recognition:**
The AI is trained to recognize 35 major types of prohibited items, ensuring consistent and comprehensive security checks.

▸ **Intelligent Recognition Technology:**
Deep learning algorithms enhance accuracy and automatically flag suspicious objects for further inspection.

▸ **Reduced Operator Workload:**
AI automation minimizes the burden on human operators, allowing them to focus on complex or unusual cases.

▸ **Improved Screening Speed:**
AI-driven threat detection speeds up the screening process, reducing wait times and increasing throughput.
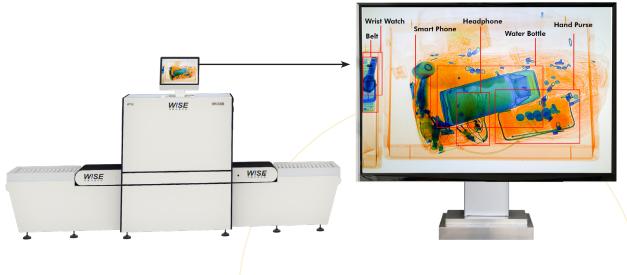
▸ **Adaptive Learning:**
The AI system continuously learns and improves its threat detection capabilities based on new data and experiences.

▸ **Real-time Image Analysis:**
AI analyzes X-ray images in real-time, providing immediate feedback to operators.

▸ **Enhanced Image Clarity:**
AI algorithms can enhance image quality, making it easier to identify potential threats.

Products

DFMD
Door Frame Metal Detector

A Door Frame Metal Detector is an electronic security device that detects metal objects carried by individuals passing through the detector's aperture. These metal detectors are commonly used in public places such as airports, government buildings, schools, and other high-security facilities.

Wise Neosco DFMDs work by emitting an electromagnetic field that detects any metallic object on a person's body. When the detector detects a metal object, an alarm is triggered, and security personnel can then investigate further.

Wise Neosco DFMD are an essential tool in ensuring public safety and preventing dangerous items from being brought into secure locations

Specifications

Features

▸ **Detecting Zones:** Six overlapping detecting zones that are as tall as the examinee show the precise position of any target metal immediately.

▸ **Alarm Sound & LED Lights:** Instant alerts through sound and LED lights across the detector frame enable security personnel to react fast.

▸ **Blind Spot Detection:** Four emitters match with the receivers' opposite, eliminating any possible blind spots.

▸ **Adjustable Sensitivity:** Each area's sensitivity can be flexibly adjusted from 0 to 255. This flexibility allows metal detectors to focus on smaller items such as coins, keys, buckle, etc.

▸ **Statistics Functionality:** Counting of numbers such as passed examinees or alarm times.

▸ **Parallel Operation:** The gate is able to perform in isolation as well as in collaboration with the same model (in this case, the distance between each unit must be more than 40 cm), to tackle big crowds.

▸ **Human Safety:** The gate is safe for people with cardiac pacemakers, pregnant women, or sensitive material such as video tapes.

▸ **Convenient Installation:** Through its integrated design, the product can be assembled or disassembled within 20 minutes.

▸ **Password Protection:** Only authorized personnel can operate the product.

Build for You

▸ Lightweight & Modular

▸ Intuitive & User-Friendly

▸ Rapid Response Times

▸ Accurate Detection

▸ Color or Touch Display

Products

HHMD
Hand Held Metal Detector

Wise Neosco range of High Sensitivity Handheld Metal Detectors is an effective solution for personnel security checks in airports, railways, hospitals, malls, commercial complexes, schools, stadiums, data centers, and museums.

Wise Neosco Hand-Held Metal Detector is a portable electronic device used for security screening at public places like airports, schools, and government buildings. It is designed to detect metallic objects that may be hidden on a person, such as weapons, knives, or other dangerous items.

Wise Neosco HHMDs work by emitting a magnetic field and detecting changes in the magnetic field caused by metal objects. The device emits an audible or visual alert when metal is detected. HHMDs are commonly used in combination with other security screening methods such as X-ray machines and walk-through metal detectors to ensure maximum security. wise neosco HHMD designed to be lightweight and easy to use, making them suitable for quick and efficient screening.

Features

▶ Compact and lightweight design, which makes our detectors easy to operate and convenient to charge.

▶ Low power consumption (one charge lasts up to 40 hours)

▶ In case of insufficient power supply, an automatic alarm is triggered, reminding the user to charge or replace the battery.

▶ Rapid detection times

▶ Different options for high- and low sensitivity

▶ Availability of two alarm modes: LED lights as well as audible alarm / vibrating alarm.

▶ Durability through shock resistance (product can withstand drops or falls from up to 1 meter).

▶ Inbuilt LED signal strength indicator
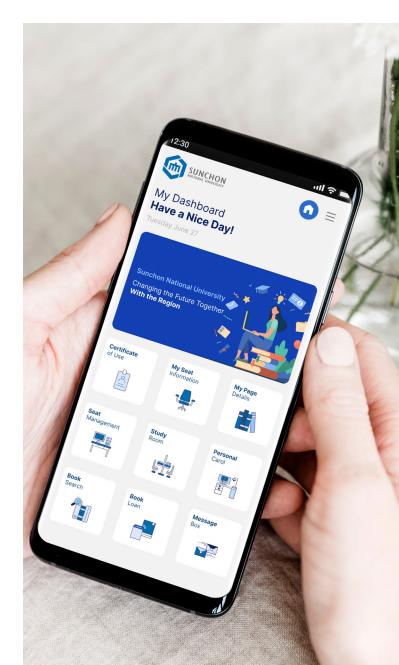
Build for You

▶ **Compact & Lightweight Design**

▶ **User Friendly & Intuitive**

▶ **Shock Resistant & Durable**

▶ **Accurate Detection**

Products

Smart Library

We specialize in crafting intelligent library solutions, aiming to create enhanced and enjoyable study environments for students and researchers.

In the digital age, libraries have transformed to meet the needs of the "smart" generation. The Smart Library concept integrates advanced technology and automation to enhance efficiency, interactivity, and accessibility.

Key features include mobile and kiosk systems for easy booking, AI-powered book loan and return processes, and secure access management for a safe environment. Smart furniture and dedicated study spaces foster comfort and collaboration, while real-time data tracking and reporting provide valuable insights for library management. Together, these innovations make the Smart Library a modern, streamlined learning hub that meets today's dynamic educational needs.

Key Features of a Smart Library

Mobile Application
Access library resources anytime for easy book searches, reservations, and notifications.

Seating Management
Book seats in advance to avoid crowding and enhance comfort.

Smart & Interactive Furniture
Interactive and ergonomic furniture for a modern, engaging study environment.

Group Study Room Facility
Dedicated rooms for collaborative learning and discussions.

Feature-Rich Meeting Rooms
Rooms with projectors, computers, and interactive boards for presentations.

Secure Entry Process Using Pass Keys
Access control with pass keys for a safe library environment.

Personal Carrel Study Rooms
Private study spaces equipped for focused, distraction-free learning.

AI-Operated Book Loan System
Automated book checkout for a seamless borrowing experience.

Kiosk System
Quick self-service booking of rooms, seats, and resources.

AI-Driven Book Loans
Automated book checkout for a seamless borrowing experience.

Smooth Operations
Automate workflows for an efficient library experience.

Products

Smart Office

Our Smart Office solution enhances workplace efficiency and improves the overall experience for both employees and visitors. From managing visitors and canteen orders to scheduling meetings and booking amenities, Smart Office streamlines essential office functions, creating a seamless and productive environment.

The Smart Office solution is a comprehensive tool designed to optimize workplace operations and create an engaging experience for employees and visitors. By seamlessly managing essential functions—such as visitor check-in, canteen orders, meeting scheduling, and amenity booking—it fosters a more productive, organized environment.

Key features include secure digital check-in for visitors, easy access to canteen menus and ordering, and real-time room booking integrated with popular calendar systems. The solution is particularly focused on streamlining meeting organization, ensuring rooms are equipped, and schedules are clear to support collaboration and productivity.

With multi-platform accessibility and smooth integration with existing systems, Smart Office provides a secure, user-friendly, and adaptable solution for modern, fast-paced work environments.

Revolutionizing Meeting Management for a Productive Workspace

▶ **Meeting Room Management**
Efficient booking and scheduling for meeting rooms, ensuring availability and eliminating conflicts.

▶ **Pantry Management**
Streamlined management of pantry resources, ensuring stock is available for employee needs.

▶ **Booking and Return Management**
Hassle-free process for booking office resources and tracking their returns for smooth operation.

▶ **Devices and Amenities Management**
Centralized management of office devices and amenities, keeping everything in top shape and accessible.

▶ **Authorized Access Management**
Secure access control, allowing only authorized personnel into specific areas of the office.

▶ **Stress-Free Room Booking**
Simplifies meeting room booking for a smooth, conflict-free experience.

▶ **Mobile Application**
Easily organize bookings, access amenities, and manage meetings on the go.

▶ **Web Application**
Comprehensive tool to manage office operations, bookings, and resources from any desktop.

▶ **Kiosk Application and Device**
On-the-spot booking through kiosk devices, enabling instant access to office resources.

▶ **Visitor Management**
Efficient handling of visitors, from check-in to managing visitor records securely.

Product Gallery
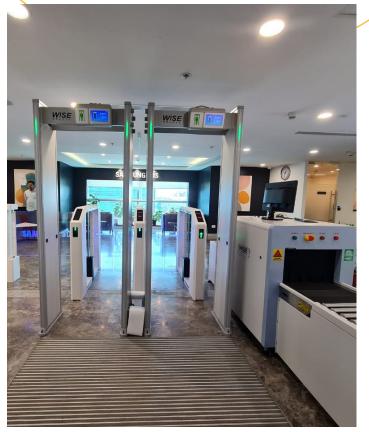

Samsung India Electronics
Chennai (India)

Wise Neosco

Product Gallery

Hyundai Engineering India (Chennai)

Product Gallery

Samsung Electronics (Ecommerce)
Chennai, Tamil Nadu (India)

Samsung SDS India SEZ
Gurugram, Haryana (India)

Wise Neosco

Product Gallery

Mokpo National University

Samsung R & D Institute (IND)

National Health Insurance Review and Assessment Service

Lotte World

Saudi - ARAMCO

Lotte World Kids Park

Lotte World Tower Aquarium

Marvel Experience (Busan)

Lotte World Hotel

Daejeon University

Dongduk Women's University

Korea University (Baek)

Korea University Central Plaza
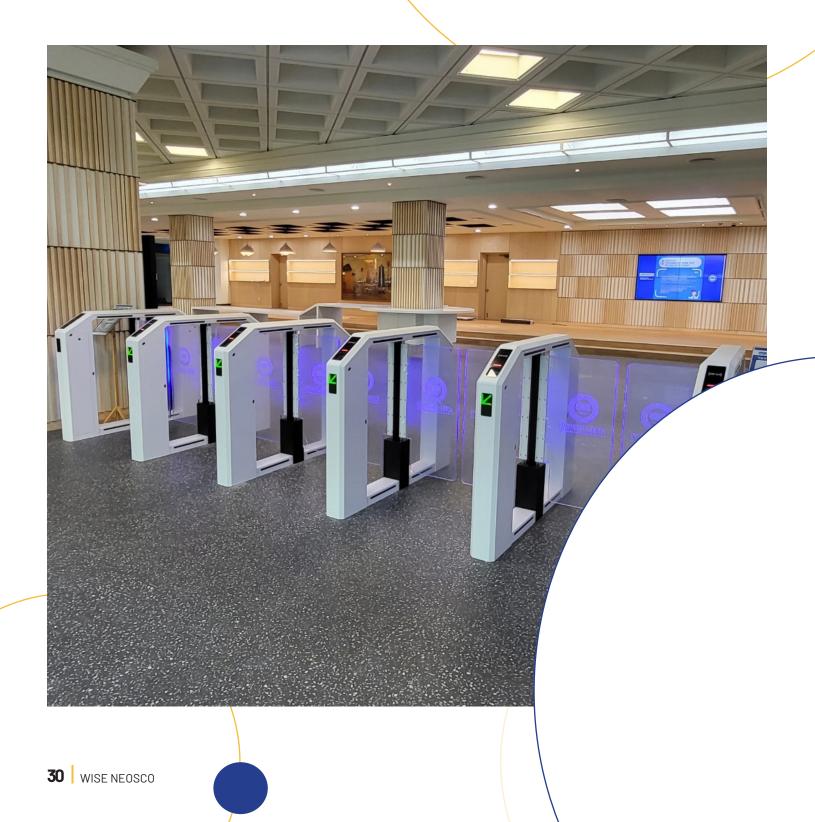
Sungkonghoe University

Product Gallery

Pukyong National University

Seowon University

Seoul National University of Education

Gaya University

Seoul National University of Science and Technology

Gyeongin National University of Education

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Something for Security

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