



Securing Infrastructure Worldwide.

Made in India. Made for World.



REMCON®



100% Made in India Perimeter Intrusion Detection System

Remcon Security is a pioneer in designing and manufacturing fully indigenous Integrated Perimeter Intrusion Detection Systems (PIDS), serving critical infrastructure, defence, Airports, Metros, industrial, Special Products for Residential & Commercial applications and high-security applications.

Proudly "Made in India", Remcon's comprehensive solutions are engineered in-house for superior reliability, longevity, and seamless integration with minimum 10-15 years of operational life.

WHY CHOOSE OUR PRODUCTS?

- › Designed & Developed In India
- › IP 67 Rated
- › Zero False Alarm
- › Operational Life 10–15 Years
- › Operating Temperature: -40°C To +80°C
- › Solar Powered - No Conventional Power Source
- › Ip & Sim Communication
- › Fully Integrated With Command & Control Center
- › No External Power Required
- › Consultancy, Survey, And Design
- › Provide Operation And Maintenance Services



R-Lite Series

Smart. Simple. Secure.

The **R-Lite Series** brings Remcon's trusted perimeter security technology to homes and lite-commercial spaces. Designed for simplicity, reliability, and affordability, it delivers professional-grade intrusion detection with easy installation and minimal maintenance. Ideal for villas, apartments, terraces, balconies, farmhouses, educational institutes and small offices, R-Lite offers accurate detection, zero false alarms, and long-lasting performance for everyday security needs.

R-Cloud
anywhere, anytime

Zero
False Alarm

Working
Standalone

Low
Maintenance

R-Integrated Series

Advanced Protection.

Advanced perimeter and asset protection for critical infrastructure and enterprise environments.

The R-Integrated Series delivers intelligent intrusion detection with centralized monitoring and real-time threat management through a unified Command & Control Platform. Designed for enterprise-scale and multi-location operations, it enables seamless integration of diverse security assets for efficient monitoring, rapid response, and enhanced situational awareness across sensitive facilities.

Suitable for high secured govt buildings, airports, metro/rail, data centers, factories and other critical infrasturctures.

Proven Mechanical Sensing Technology

Solar Powered (Green Solution)

Sim-Based Cloud Communication

Seamless Integration Capabilities

Ensures Zero False Alarms

Reliable 24×7 Protection, & Scalable Security for Sensitive Facilities

Centralised Control for Multiple Locations



R-Defence Series

Performance Ready.

Defence-grade perimeter protection for harsh and hostile environments. The **R-Defence Series** is designed for mission-critical deployments including border zones, military bases, coastal regions, and remote high-risk locations. Engineered for extreme weather, dense vegetation, snow-prone terrains, and wide temperature variations. With rugged construction, rapid deployment capability, and a modular scalable architecture, the system is built for long operational life and dependable performance in demanding defence applications.

Military-Grade Hardware Construction

Environmental **Noise Immunity**

Corrosion-Protected Weatherproof Design

Minimal Maintenance Requirement

Private LTE & **Drone Connectivity** Support

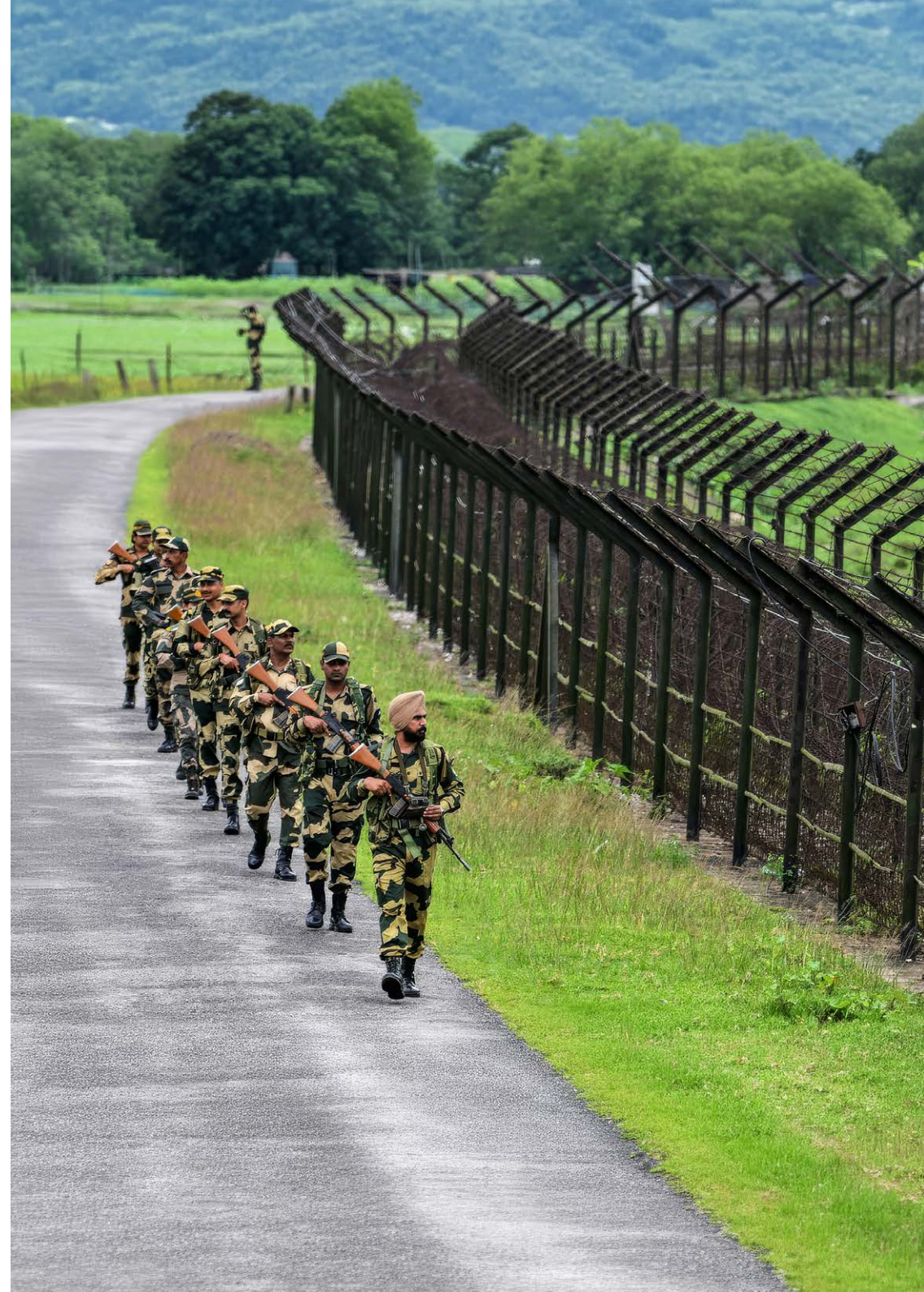
100% Made in India

In-House R&D ensures high-quality control, **easy customization**, and complete supply-chain security.

Centralized Command & Control Integration

Lightweight Rapid-Deployment Structure

Wide Temperature **Tolerance -40°C to +80°C**



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Taut Wire Fence

The Remcon Taut Wire System is an advanced perimeter security solution designed for industrial sites, critical infrastructure, and residential applications. It combines a strong physical fence with intelligent sensing technology to detect intrusion attempts such as climbing, cutting, or tampering in real time. Movement of the taut wires causes the sensor to generate precise signals to the Remcon Alarm Controller, enabling accurate intrusion detection and alarm management.

KEY HIGHLIGHTS

Real-time Intrusion Detection

Detects Cutting & Climbing

Operates from -40°C to 80°C

Solar Charging Support

IP67 Rated

IP/SIM-Enabled Communication

Customized Layout & Design Support

Easy Integration with IP Security Lights & Third Party Systems



Smart Fence

The REMCON Smart Fence is an advanced Smart Perimeter Alert & Response System designed to transform metal fence/ concertina coils into intelligent intrusion detection barriers. It looks like a regular fence, functions like a smart security system, providing enhanced protection with a clean and modern appearance. Built with cutting-edge mechanical sensing technology, the system accurately detects climbing, cutting, or tampering attempts with zero false alarms. Engineered for harsh outdoor environments, the IP67-rated sensors ensure reliable performance in rain, heat, dust, and extreme temperatures. The solution supports multiple communication protocols including TCP/IP, RS-485, SIM, and MODBUS for seamless integration and remote monitoring. With solar charging support, onboard hooter connectivity, and compatibility with third-party security systems, the Smart Fences delivers a highly durable, scalable, and cost-effective perimeter security solution for critical infrastructure and industrial applications.

KEY HIGHLIGHTS

Zero False Alarm Mechanical Sensing Technology

IP67 Rated Sensors for Harsh Outdoor Conditions

Multi-Communication Support: IP, RS-485, SIM & MODBUS

Solar Charging Enabled (Green Security Solution)

Long Operational Life of 10–15 Years

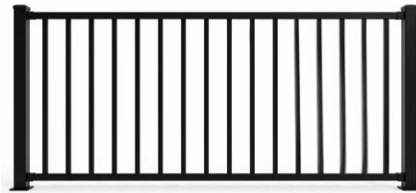
Easy Integration with Security Lights & Third-Party Systems

Customized as per requirement

Converts Standard into Smart Intrusion Detection System

Smart Fence Variants

Basic Style

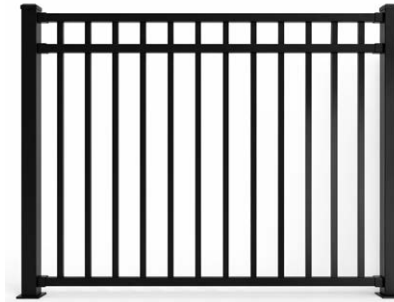


Metal Fence

Size: 1.5ft to 6ft

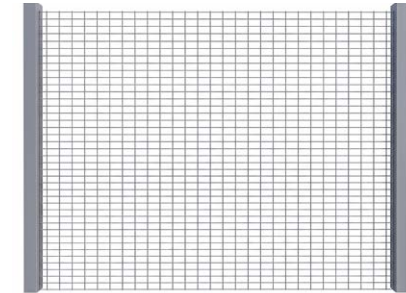
Material: SS/GI

Premium Style



Size: 1.5ft to 6ft

Material: SS/GI



Anti-Climb Fence

Size: 6 Ft to 15 Ft

Material: GI



Decorative Fence

Size: 1.5ft to 6ft

Material: Steel

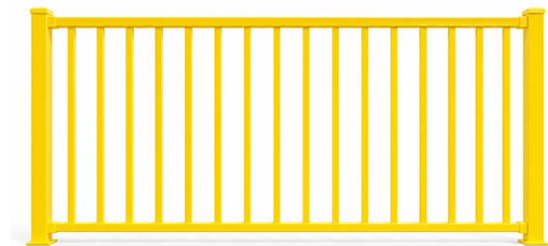


Smart Concertina

Size: 600mm, 950mm, 1050mm

BTO: 10mm to 30mm

Material: SS/GI



FRP Fence

Size: 1.5ft to 6ft

Material: FRP

Power Fence System

The Remcon Power Fence is an intelligent perimeter security solution designed to detect and deter intrusion attempts simultaneously. Using advanced pulse-based fencing technology with smart monitoring capabilities, the system delivers continuous perimeter monitoring for enhanced security.

KEY HIGHLIGHTS

Detects & Deters Intrusions in Real Time

Centralized Security Monitoring & Control

Single & Dual Zone Energizer Options

Efficient Fence Power Management

Future Diagnostic Log Storage

Solar Charging with Up to 8 Hours Battery Backup

Analogue Based/ IP Based Energizers

Weather-Resistant & Human Safety Compliant Design with SIM-Based Communication

Easy Integration With Security Lights & Third Party Systems



Analogue Power Fence

The REMCON Analogue Power Fence is a reliable perimeter intrusion detection system designed for small to medium-sized security applications. It operates as a standalone solution without IP-based connectivity, making it simple, cost-effective, and easy to deploy. The system provides effective intrusion detection and deterrence for residential, commercial, and light industrial sites.



Portable Power Fence

The REMCON Portable Power Fence is a rapidly deployable perimeter security solution designed for high-security and tactical applications, especially in defense and field operations. It supports both analogue and IP-based modes, enabling flexible deployment and centralized monitoring when required. Its portable and rugged design makes it ideal for temporary camps, remote locations, and mission-critical security environments.

Optical Fiber Fence

Zone based

The Multi-Zone Fiber Optic Perimeter Intrusion Detection System is an advanced security solution designed to provide accurate and real-time intrusion detection across large and high-security perimeters. Using distributed fiber optic sensing technology, the system continuously monitors vibrations, pressure changes, climbing attempts, cutting, or tampering activities along the fence or boundary. It offers intelligent signal analysis to distinguish genuine intrusion events from environmental disturbances such as wind, rain, or vehicle movement, ensuring reliable performance with minimal false alarms. The system is highly scalable and suitable for critical infrastructure, defense installations, airports, industrial facilities, pipelines, and border security applications. Its centralized monitoring architecture enables seamless integration with CCTV, command-and-control systems, and other security platforms for enhanced situational awareness.



KEY HIGHLIGHTS

Real-Time Intrusion Detection

Upto 2/4/8/16 Zone Controller

Precise Multi-Zone Location Identification

Advanced Intelligent Signal Processing With Seamless Integration Of Security Lights & Third Party Systems

Alarm Response Time: < 3 Seconds

Working Temp: -5°C To +55°C

Low False Alarm Performance

Scalable High-Security Architecture with Centralized Monitoring & Control

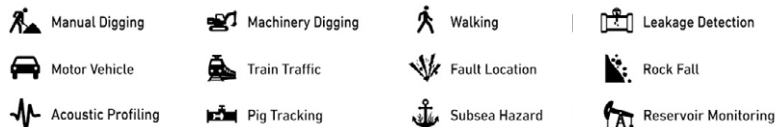
Fence Climb & Cut Detection with Long-Distance Perimeter Coverage

ZONE BASED



Distributed Acoustic Sensing (DAS)

REM-DAS is an advanced Distributed Acoustic Sensing based perimeter intrusion detection technology that transforms standard fiber optic cable into a highly sensitive real-time sensing medium. The system continuously analyses acoustic vibrations and disturbances along the fiber to detect intrusion attempts, movement, digging, climbing, or cutting activities across long perimeters. Using true phase-based DAS technology combined with AI and Deep Learning algorithms, it accurately classifies threats while minimizing nuisance alarms. The platform delivers high signal-to-noise performance, precise intrusion localization, and reliable monitoring even in harsh environmental conditions.



KEY HIGHLIGHTS

Real-time Acoustic Intrusion Detection

Monitoring up to 100km with Pin-Point Accuracy up to 5m

True Phase-Based DAS Technology

AI & Deep Learning Analytics

1 or 2 Channel System Options

Fiber Cut Redundancy With Dual Channel

High Signal-to-Noise Performance

Near-Zero Nuisance Alarms with Multi-Channel Redundancy

Reliable Underground & Overground Deployment
with Third-Party Integration Support

IP Based Security Light

The REMCON Security Lighting System is an energy-efficient low-voltage perimeter lighting solution designed for industrial facilities, critical infrastructure, remote sites, and high-security zones. Featuring rugged LED luminaires mounted on fence posts or structures, it delivers glare-free illumination for security personnel and CCTV surveillance while consuming significantly less power than conventional systems. Built for harsh outdoor environments, the system offers quick installation, minimal maintenance, weather-resistant performance, and seamless integration with perimeter intrusion detection and command & control systems.

KEY HIGHLIGHTS

Low-Cost, Low-Voltage, Energy-Efficient Operation

Glare-Free CCTV-Friendly & Luminous Control

Weatherproof IP67-Rated with Solar & AC Power Compatibility

Health Status Monitoring & Custom Scheduling

Wide Temperature Operation (-40°C to 80°C)

Custom Design Configurations with Dark-Sky Compliance

In-Built Microwave Motion Sensor

8–12 Hours Battery Backup with Low Maintenance



Our Security Light Products

For Indoor & Outdoor Purposes



Underground Sensor

The R – Secure Step is a underground security sensor designed to detect steps & vehicles with minimal false alarm. Based on a system that will detect pressure associated with walking or driving across the protected area and will trigger an alarm. This system can be installed anywhere underground working in standalone mode raising alarm locally. This system can work in integrated mode raising alarm on computer or mobile.

KEY HIGHLIGHTS

360° Circular Detection Pattern

Mobile Notification via R-Cloud Application

1 Sensor + Analyzer per unit

Adjustable Sensor Sensitivity

Plug & Play Installation

Compatible with CCTV & Alarm Systems

Event Classification for Steps & Vehicles

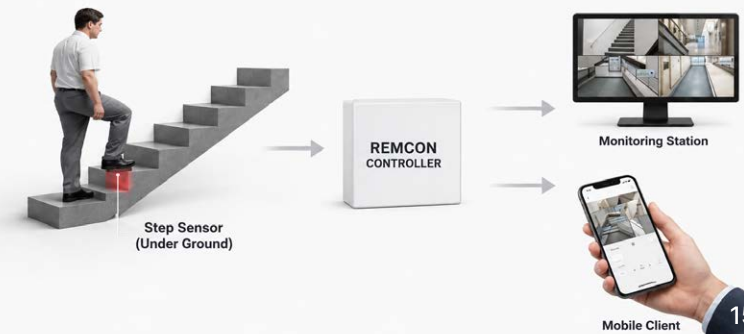
Invisible Detection with Standalone & IP Network Options

Smart Underground Sensing with Pet Immunity

R-Secure Step for Vehicle Detection



R-Secure Step for Staircase



Microwave Sensor

The Remcon REM-MW-I is an industrial-grade microwave motion sensor designed for reliable perimeter and security applications. The sensor accurately detects movement while maintaining stable performance in varying weather and environmental conditions. Built for continuous 24×7 operation, it integrates seamlessly with Remcon Alarm Controllers to provide real-time intrusion detection and alarm activation. The sensor also features Power and Alarm LED indicators for easy status monitoring, showing power availability and motion detection activity in real time.

KEY HIGHLIGHTS

Real-time Motion Sensing

Strong Anti-Interference Capability

Adjustable Detection Range

24×7 Continuous Operation

Easy Integration With Security Lights & Third Party Systems

Seamless Integration with Alarm Controllers

LED Indicators for Quick & Easy Monitoring

Indoor upto 6M; Outdoor upto 40M



Integrated Security Console

The Integrated Security Console (ISC) is an advanced security management platform designed to improve operational efficiency in mission-critical environments. It seamlessly integrates multiple field devices into a single intuitive interface, enabling easy operation with minimal training. Engineered for high-security applications, the ISC communicates directly with the Command Control Centre and features inbuilt hot redundancy to ensure uninterrupted performance during server or network failures.

Suitable for defence facilities, airports, ports, railways, metros, and critical infrastructure, the ISC delivers reliable and uncompromised security management at all times.

KEY HIGHLIGHTS

Customizable Security Configuration alongwith Master Key for Locking/Unlocking the console.

Guard Attendance Monitoring

Security Zone Monitoring without Workstation Dependency

Configurable Input & Output Control

Manual Alarm Generation & Acknowledgement

All Free/Lockout Mode for Access Points & Gate Automation

Operates After User Authentication

Video Communication with Control Room





Integrated Command Control Centre

REMCON provides advanced Command & Control Centere solutions designed to deliver centralized monitoring, intelligent threat management, and real-time situational awareness for maximum security protection. By integrating multiple security systems into a unified platform, REMCON enables faster decision-making, efficient incident response, and seamless management of critical infrastructure and high-security environments.

AI-Driven Security Intelligence

Advanced AI-powered analytics for threat detection, alarm correlation, and anomaly identification across the security network. Enables faster response and proactive decision-making.

Unified Monitoring Dashboard

Single interface for real-time monitoring of perimeter security, CCTV, alarms, drones, access control, and field operations.

Centralized Multi-Site Management

Efficiently manage and monitor multiple locations through one integrated command center.

Intelligent Real-Time Alerts

Instant intrusion and anomaly notifications with automated event prioritization for rapid incident response.

Automatic CCTV Verification

Nearest CCTV feed automatically appears upon intrusion detection for immediate visual assessment.

Integrated QRT Management

Real-time assignment and tracking of Quick Reaction Teams for efficient incident handling.

GIS-Based Situational Awareness

Live map visualization of assets, patrol routes, perimeter zones, and sensor status for enhanced operational awareness.

Alarm Frequency Heat Maps

Intelligent heat-map visualization of alarm activity to identify recurring threats and high-risk areas.

RAM-ICCC

Easy Integrations



QRT System

The REMCON QRT (Quick Response Team) Dispatch System is an advanced emergency response platform designed to strengthen security operations through rapid coordination between field teams and command centers. It enables instant alarm handling, real-time communication, and quick deployment of the nearest response team, supported by live video/audio verification and geo-spatial monitoring for accurate decision-making. Designed for private (LTE) and public network deployment, the system enhances operational visibility, accountability, and response efficiency in critical security environments.

KEY HIGHLIGHTS

Real-Time Qrt Dispatch With Nearest Personnel Tracking

Emergency Communication With Calls, Alerts, And Video Conferencing

Live Video/Audio Verification For Quick Threat Assessment

Geo-Spatial Tracking With Live Location Monitoring

Broadcast, Multicast, And Private Communication Support

Smart Alerts For Low Battery, Disconnection, And Signal Loss

Ruggedized Handsets For Guarding Personnel/ Vehicles

Option To Setup On Private/ Public Network



Our QRT Products

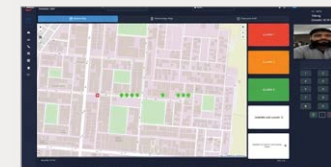
Supportive Equipments for QRT Team



QRT Vehicle Phone



Ruggedized Phones



Central Control with custom map



Smartphone Phones for QR reading/tracking

R-Cloud

Smart Security.
Anytime. Anywhere.



Cloud Based



Mobile Access



Secure & Reliable



Easy to Use

R-CLOUD is REMCON's smart security management platform that enables real-time monitoring, instant alerts, and remote control of connected security systems through mobile and web applications. Easy to handle, multi-location sites with advanced management reporting like heat maps and alarm reports etc. Designed for seamless integration and it provides complete security access anytime, anywhere.



CCTV
Camera View



Fire & Gas Leak
Sensor Alarm



Window & Door
Open Alarm



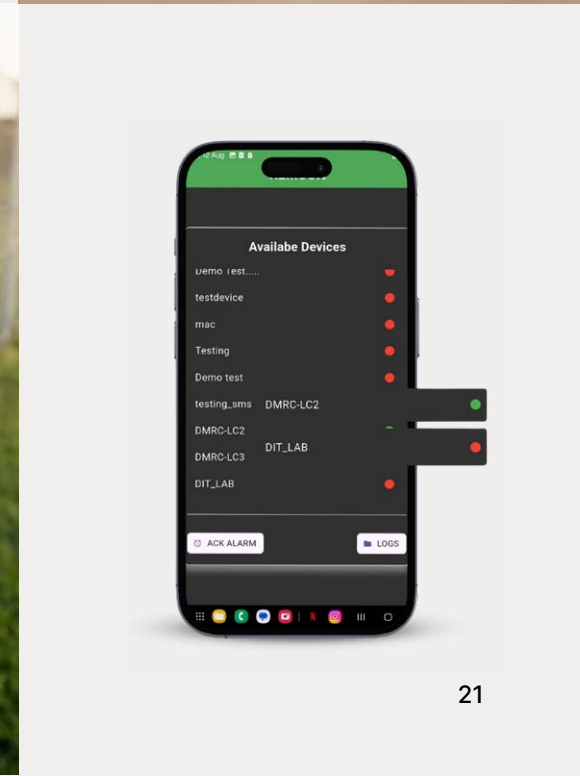
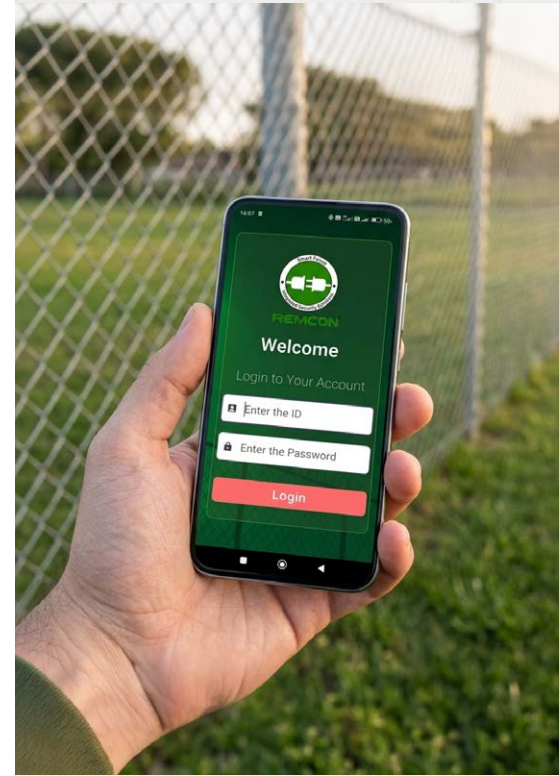
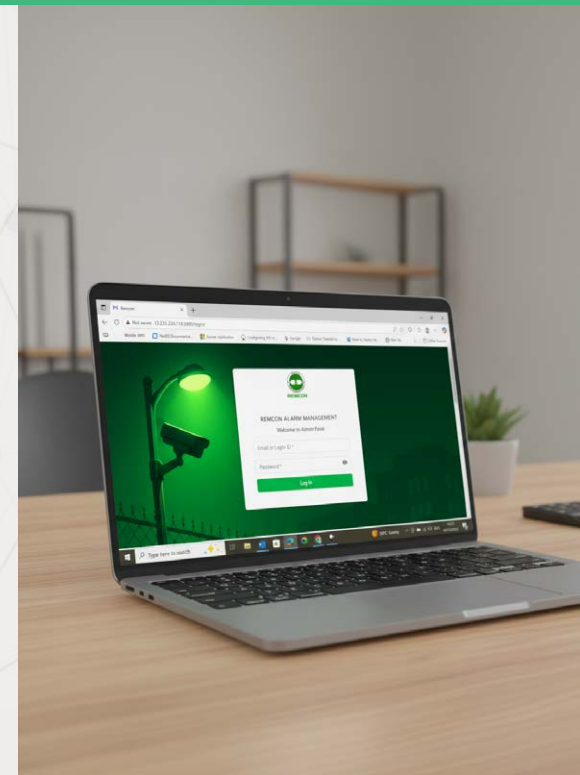
Fence &
Sensor Alarm



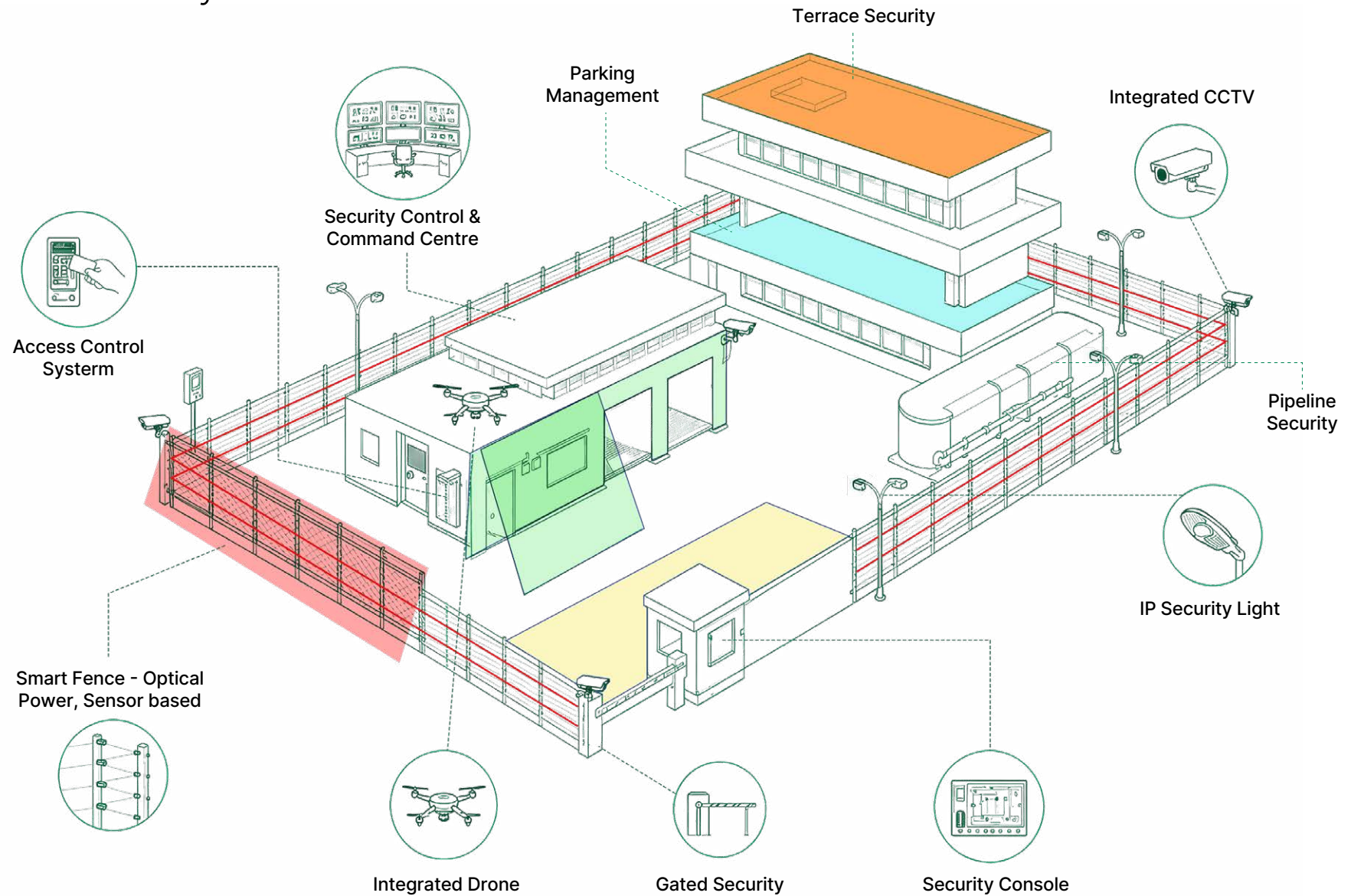
Panic
Switch Alarm



Window & Door
Open Alarm



Typical Site Layout



Our Footprint

Certifications & Approvals



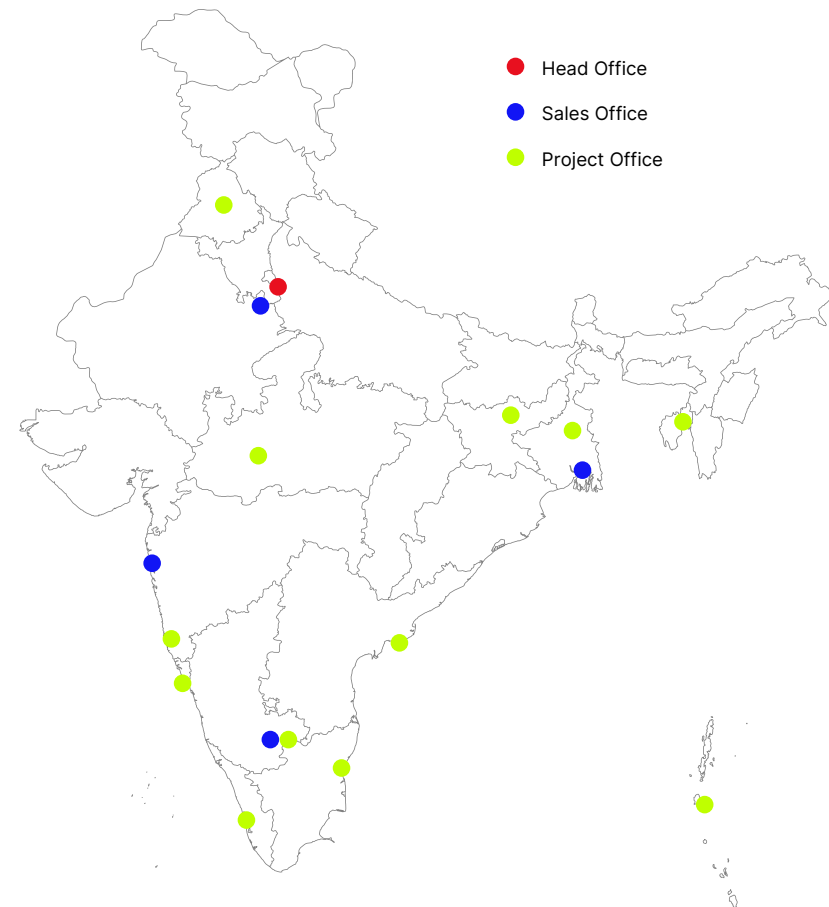
IEC 60335-2-76:2018
IEC 61000-3-2:2018
IEC 61000-3-3:2013
IEC 60839-11-5-2020
IEC 62599-1-2010

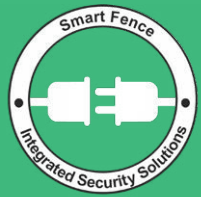


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IP
Rating

Integrated Partners





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