AGILFENCE®
Intelligent Solutions, Smarter Protection

AGILFENCE®

SMART PRISON SOLUTIONS

ST Engineering
Electronics

Smart Prison Solutions

Maintain Order, Secure Peace

AgilFence provides secure solutions for all types of indoor and outdoor prison facilities. Our solutions enable prison personnel to monitor and track inmates, detect illegal activities, isolate and control violent incidents, and prevent intrusion to secure areas.

Our solutions ensure the security and personal safety of inmates, guards, prison personnel and visitors, with capabilities to complete integration of all communication, utilities and security systems, to ensure smooth daily operation of prison activities and increase readiness for any type of incident or emergency.

Our Solutions include:
1. DAS Detection
2. Smart DroneBox
3. Personnel & Asset Tracker (PAT)
4. Perimeter Intrusion Detection System (PIDS)
5. Drone Detection Radar

Tunneling Detection
Using Buried Fibre Cable

AgilFence Distributed Acoustic Sensing (DAS) uses buried fibre optic cable to sense and record real-time signals along the entire length of the perimeter without any blind points & interferences to detect burrowing or tunneling activities.

· Continuous interference-free monitoring
· Ability to sieve out irrelevant noise
· Pinpoint intrusion location within ±5m
· Intrinsically safe, no cable

UAV Alarm Response
Using H3 Dynamics Dronebox

AgilFence solutions can be integrated with DroneBox to offer our clients a smart unmanned response system which launches drone missions for alarm verification.

· Auto-launch based on pin-pointed location provided by AgilFence solutions
· Robust standalone system with auto-recovery capability
· Solar-powered off-grid capabilities, ready for next mission

Drone Detection
Using Holographic Radar

AgilFence Drone Detection Radar (DDR) is a high-resolution holographic radar that is specifically designed to reliably detect and track micro-drones.

· Detection of drones for up to 5km
· 3D surveillance and tracking algorithm
· Ability to differentiate mini-drones and birds
· Low life-cycle cost & minimal maintenance

Personnel Tracking
Using GPS / UWB-Based Tag

AgilFence Personnel & Asset Tracker is a comprehensive smart wireless locator system using GPS and Ultra-Wide Band (UWB) technology to accurately track your specific asset or personnel outdoor and indoor respectively.

· GPS-based for outdoor & UWB-based for indoor
· High accuracy & real-time positioning
· Long battery endurance
· Dust and water resistant
· Web-based management

Intrusion Detection (Fence / Wall)
Using Fibre Optic Sensing Cable

AgilFence Perimeter Intrusion Detection System (PIDS) offers highly accurate & instantaneous detection for detecting breaches that enables your security force to respond effectively.

· Extremely low false and nuisance alarm rate
· Pinpoint intrusion location within ±5m
· Quick and easy deployment
· Detects tampering, resilient to defeat