Future Fibre
TECHNOLOGIES

# Securing Corrections Facilities with Confidence

Intrusion Detection
Fibre Security Technology

fftsecurity.com

# Why Corrections Facilities Need Stronger Protection

**Correctional infrastructure is critical to public safety and justice system integrity.** Its essential role makes it a high-risk environment for physical security threats that can disrupt operations, compromise staff and prisoner safety, and trigger serious consequences across the wider justice system.

**Even brief security breaches can escalate into major incidents, placing staff, prisoners and the community at risk. In highly controlled correctional environments, a single point of failure can have immediate and far-reaching consequences.**

- Unauthorised access to secure perimeters, units and control rooms
- Breaches of fences, walls and secure yards including with drones
- Tampering with surveillance, locking, power or communications systems
- Vandalism or damage to infrastructure and security assets
- Uncontrolled access to restricted or high-risk areas

## The FFT advantage

**We deliver multi-layered, integrated security solutions that help protect correctional facilities and detention centres from the perimeter through to critical internal infrastructure.**

**PERIMETER INTRUSION DETECTION**
FFT's fence-mounted or buried systems are well suited to correctional environments, delivering high-confidence detection with low nuisance alarm rates.

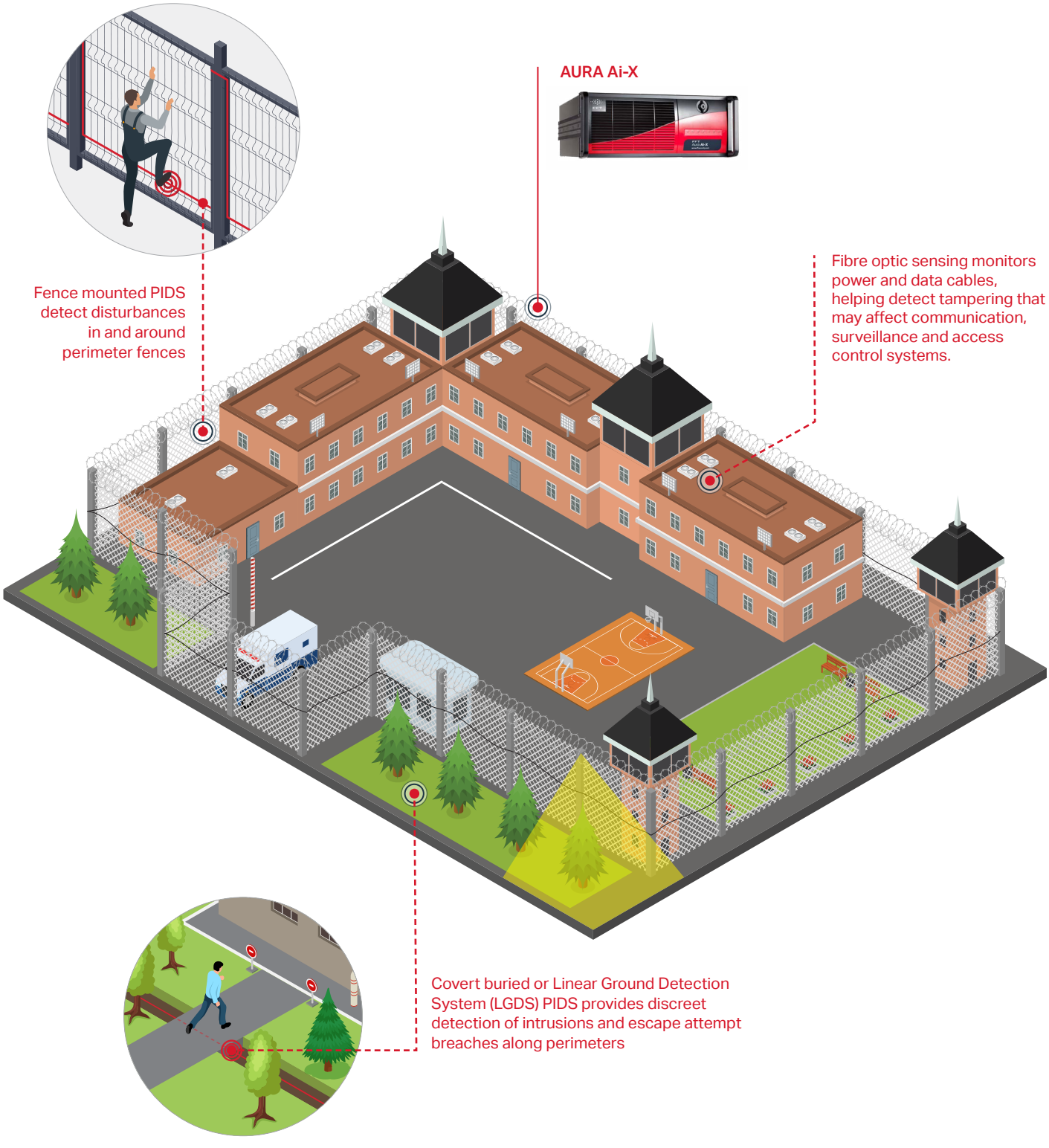
**DATA NETWORK PROTECTION**
FFT monitors the physical cable layer to provide clear visibility of network security and health, either stand-alone or alongside existing NMS platforms.

**BURIED POWER CABLE MONITORING**
DAS fibre sensing detects cable tampering, theft, interference and disturbance events in real time, helping operators respond at the earliest possible stage.

**With operations across six continents and thousands of sites protected worldwide, FFT is trusted by governments, military, and industry leaders in over 80 countries.**

# Multi-layered protection in action

By integrating multiple detection strategies, **FFT delivers a seamless, layered defence for correctional facilities.** From perimeter approach and climb detection to controlling access to prohibited areas, each layer is designed to trigger an immediate response to intrusion alerts and potential threats.



# From perimeter to core: How Future Fibre Technologies secures Corrections Facilities

FFT's DAS (Distributed Acoustic Sensing) based fibre optic sensing technologies deliver real-time, location-specific alerts for perimeter breaches, infrastructure tampering and unauthorised access. It can also be used to monitor the health of critical communication cables, alerting operators to issues that could impact security operations.

Seamlessly integrating with existing security systems, cameras and alarm zones, FFT solutions deliver reliable detection with minimal nuisance alarms by identifying and filtering environmental and non-threat noise, helping protect both physical infrastructure and sensitive data.

### PERIMETER INTRUSION PROTECTION

While correctional perimeters can range from 50m to hundreds of kilometres, they require the same level of protection. Whether fence mounted or covert buried, FFT's intrusion detection technology is well suited to correctional facilities, performs reliably in harsh outdoor environments, and delivers high probability of detection with low nuisance alarm rates.

### DATA NETWORK PROTECTION

Network management systems typically focus on higher-level network protocols and transactions, only detecting malicious activity based on interface and data flow health. At this point, the damage may already be done. Working stand-alone or in conjunction with existing NMS platforms, FFT's data network solution delivers a complete snapshot of physical network security and operational health by monitoring surveillance, power and communications cables across the facility.

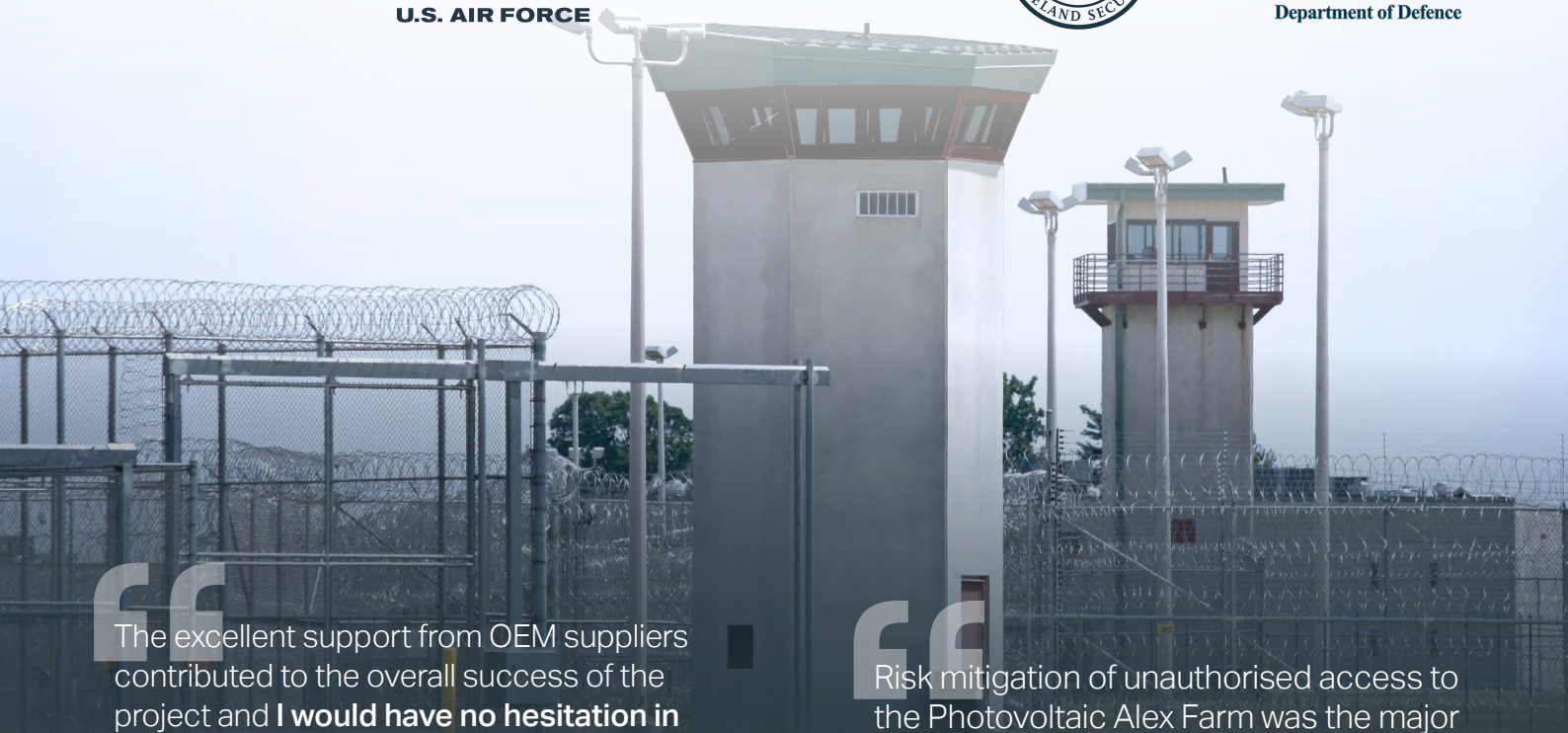
### BURIED CABLE MONITORING

Power and data cables are subject to a range of threats, including copper theft, tampering and malicious damage. To make the fast, well-informed decisions needed to protect critical cable infrastructure, operators require a solution that detects issues at the earliest possible stage. Using DAS-based fibre optic sensing technologies along the cable, tampering, theft and disturbance events can be detected in real time.

# Trusted worldwide

- 80+ countries served
- Tens of thousands of installations
- Proven across critical infrastructure, government, and commercial sectors

Honeywell · M.C. DEAN BUILDING INTELLIGENCE · SIEMENS · Telstra · ExxonMobil · Johnson Controls · U.S. AIR FORCE · Transport Sydney Trains · U.S. DEPARTMENT OF HOMELAND SECURITY · Australian Government Department of Defence



> The excellent support from OEM suppliers contributed to the overall success of the project and **I would have no hesitation in recommending FFT's solution** for future projects.

— US REFINERY OPERATOR

> By far, FFT was the best proposal, best value, and as it turned out, theirs was the lowest price. Both the integrator and the customer were **extremely impressed with FFT's performance, timeliness, professionalism, as well as service after the work was completed.** The system is the best we have seen or heard of to date. **Every facet of the system exceeded our expectations.**

— US ARMY SECURITY CONTRACTOR

> Risk mitigation of unauthorised access to the Photovoltaic Alex Farm was the major challenge, especially considering its vast territorial expanse. The security solution (comprising PTZ cameras, horn speakers and FFT's fibre optic intrusion detection) allows the security team to act effectively in the analysis, detection and response of flagged occurrences.

— PROJECT MANAGER, ELERA RENEWABLE

> Fence security at Istanbul Airport is **smarter and more sensitive thanks to Future Fibre Technologies.**

— IGA ULV SYSTEMS GROUP MANAGER

# Integrations

**PARTNER SUPPLIED INTEGRATIONS***

Advancis WinGuard
Axone Systems
AxxonSoft
BEL Command and Control (Bharat Electronics Limited)
braXos Security Steward
Carnoustie Security
ECIL – Scada Integration
Ekin Red Eagle
FLIR 360 Surveillance
Genetec Security Centre RSA
GEW Technologies
Havelsan
HERNIS (Eaton)
Honeywell EBI
Honeywell HUS
Honeywell ProWatch
IP Fusion
KocSistem
Linc
Mindtree
NCS
Nightingale Intelligent Systems BrdsEye
Nirasys
Qognify
Siemens Siveillance Vantage
Sinpro
Sterlite
Synectics Synergy3
Tata Advanced Systems
Thales Airport Operation Control Centre (AOCC)
Tyco CEM Systems AC2000
Tyco Proximex Surveillint
Vector InfoTech
Verint Fusion SMC
Videonetics
Vidsys
Viettel Surveillance System

**FFT SUPPLIED INTEGRATIONS**

Avigilon Control Centre
Bosch Video Management System
FLIR Latitude
G4S AMAG Symmetry Enterprise
Gallagher Command Centre
Hikvision
IndigoVision Control Centre
Lenel S2 - Onguard
Milestone XProtect
Pelco VideoXpert
Sick Laser Scanner
Tyco Software House C-Cure 9000

**CAMERA CONTROL INTEGRATIONS**

Axis Cameras
ONVIF Compatible Cameras

**INDUSTRY STANDARD INTERFACES**

Configurable ASCII Device output
Email output
Modbus PLC
SMS output
SNMP v1 and v2

# Secure Your Corrections Facilities Today

**Contact FFT to discover how our integrated solutions can protect your corrections facility and security infrastructure.**

FFTSECURITY.COM

For more information about our products, visit: **www.fftsecurity.com**
Contact us: info@fftsecurity.com



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