

PHYSICAL SECURITY SOLUTIONS FOR **CORRECTIONAL FACILITIES**

ADVANCED **INTRUSION DETECTION**

HIGH-PRECISION **THROW-OVER DETECTION**

INFRA-RED AND WHITE-LIGHT **LED ILLUMINATION**

PREMIUM ACCESS **CONTROL HARDWARE**

SECURITY SOLUTIONS



Future Fibre
TECHNOLOGIES

Future Fibre Technologies manufactures a complete portfolio of fiber optic intrusion detection and sensing solutions for the protection and monitoring of high value assets and critical infrastructure.



BQT Solutions specialises in the development, manufacture and supply of high quality, high security card and biometric readers, electromechanical locks and related electronic security products.



GJD Manufacturing is an industry leader in the design, manufacture and supply of professional external security and intruder detection equipment including ANPR cameras, lighting controllers and infrared and white-light LED illuminators.



Ava Group is a market leader in perimeter intrusion and access control technologies, trusted by the most security conscious commercial, industrial, military and government clients in the world.

Delivering complementary security solutions including intrusion detection and location for perimeters, pipelines and data networks, biometrics, card access control and locking, Ava Group continues to build on its comprehensive portfolio of premium technologies for the most complex and demanding markets.

With tens of thousands of sites protected globally and an experienced team located across six continents, Ava Group provides market and industry expertise direct to customers in over 80 countries.



MULTI-LAYERED CRIME PREVENTION SOLUTIONS

Correctional facilities rely on a multi-layered security approach to ensure the maximum safety of staff, visitors, and the incarcerated. This involves implementing a range of robust security solutions strategically designed to prevent escapes, combat contraband, and stop unauthorized access. By employing multiple layers of security, correctional facilities can effectively safeguard their environment and maintain a secure atmosphere for all.

Common challenges correctional facilities experience

- Identifying an individual approaching or climbing perimeter fencing.
- Detecting contraband thrown over a fence or wall.
- Imaging quality on video surveillance systems due to poor night vision.
- Managing access to prohibited locations.
- Securing storage areas and large ingress/egress points.

Our Solution

Ava Group's multi-layered security solutions are used in correctional facilities around the world. Our primary focus is to provide high-quality and ultra-reliable detection solutions while minimizing unwanted alarms.

Our integrated security offering encompasses intrusion detection, perimeter protection, illumination, and access control solutions, ensuring highly accurate protection from the outside in.



EFFECTIVE SECURITY SOLUTIONS

Ava Group offers a wide range of perimeter intrusion detection, illumination and access control solutions. When used in combination, these technologies form a seamless, integrated, multi-layered security solution – perfect for any correctional facility.



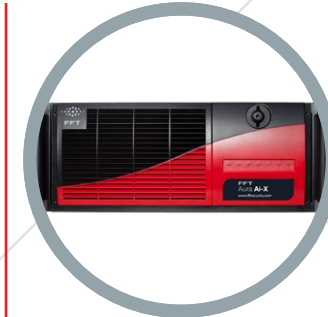
YG80

- Most advanced roller door and gate lock available.
- All environment solution for gates, roller and oversized doors.
- Motor-driven, high strength lock for securing any opening.



BIOXX

- Three-factor fingerprint biometric and MIFARE® smart card reader.
- Seamless integration with existing systems.
- Configured as 'template and pin on card' or managed with miPASS Access software.



AURA AI-X

- Latest generation, data driven, fiber optic perimeter intrusion technology.
- Transforms system performance through deep learning.
- Lowest nuisance alarm rate with highest probability of detection.



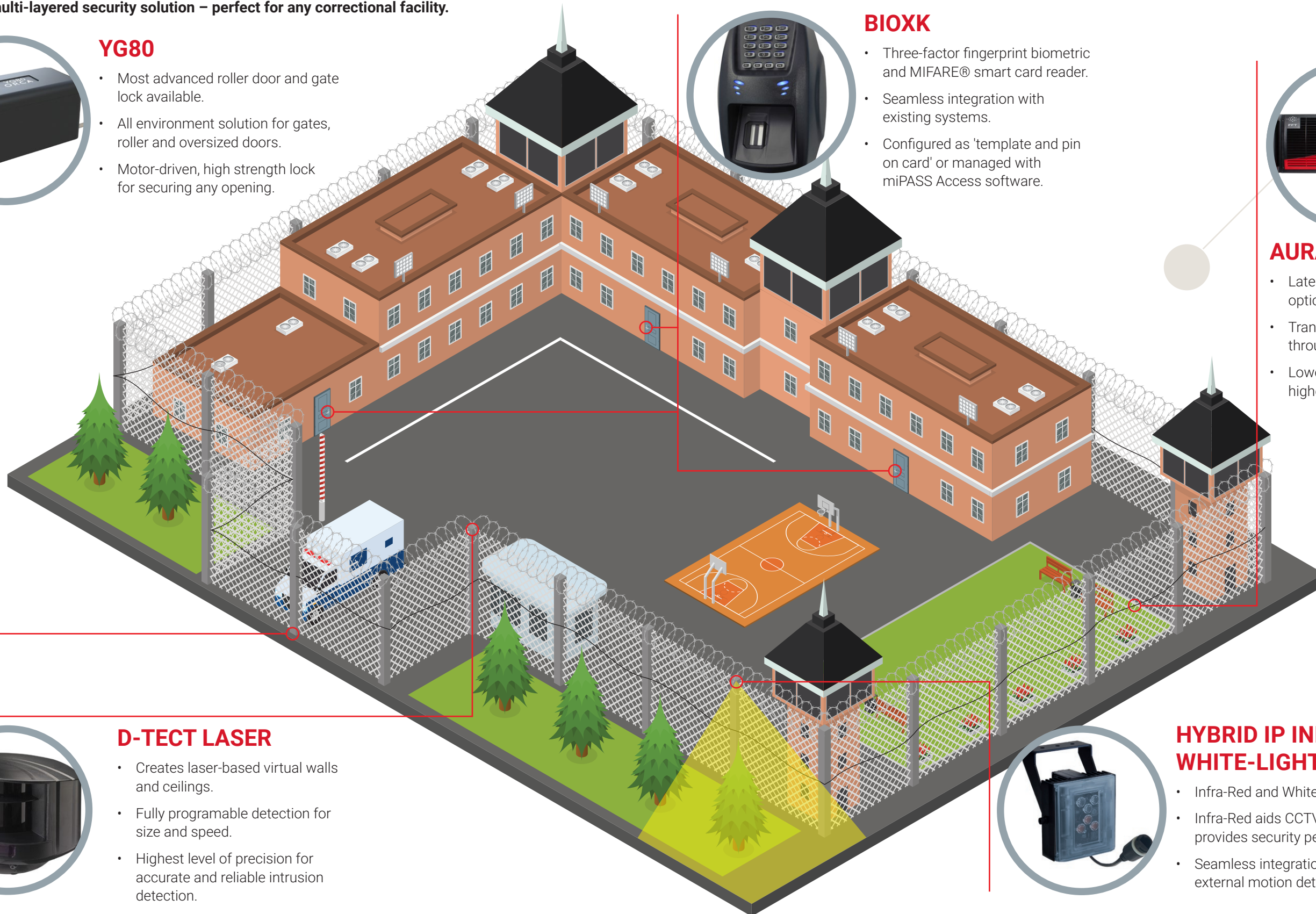
D-TECT LASER

- Creates laser-based virtual walls and ceilings.
- Fully programmable detection for size and speed.
- Highest level of precision for accurate and reliable intrusion detection.



HYBRID IP INFRA-RED/ WHITE-LIGHT ILLUMINATOR

- Infra-Red and White-Light LED technology in one unit.
- Infra-Red aids CCTV cameras and White-Light provides security personnel with visual verification.
- Seamless integration with IP CCTV systems and external motion detectors.



DETECT ACCESS ILLUMINATE

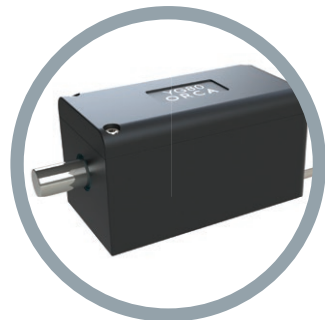
DETECT



Aura Ai-X – Data driven, fiber optic intrusion detection

Aura Ai-X is the latest generation, data driven, fiber optic perimeter intrusion technology transforming system performance through deep learning. The solution's continuous improvement capability drives unwanted alarm rates towards zero, while maintaining the highest probability of detection (POD). With automatic deep learning model improvements via FFT ATLAS, Aura Ai-X delivers exceptional event classification accuracy with POD > 95%. With real-time monitoring and seamless integration with existing security management, PSIM, CCTV and access control systems, Aura Ai-X is the intrusion detection solution of choice for high risk facilities and the protection of critical infrastructure worldwide.

ACCESS



YG80 – Advanced, high strength roller door and gate lock

Designed to meet the rigorous demands of correctional facilities, the YG80 stands as the most advanced and robust roller door and gate lock available today. Its versatility makes it ideal for both indoor and outdoor environments, offering a reliable security solution for gates, rollers, and oversized doors. With an IP67 rating, the YG80 excels in all environments, bolstered by a built-in heater for enhanced performance. The lock's real-time monitoring and reporting capabilities provide constant updates to the control room, ensuring continuous oversight of gate and bolt positions, as well as detecting any tampering attempts. With the YG80 in place, correctional facilities can enhance their site safety and security to a whole new level.



BioXK - Unparalleled access control security

The BioXK sets the gold standard for access control security. This cutting-edge solution boasts a three-factor authentication process, utilizing fingerprint biometrics and MIFARE® smart card reader technology. Its seamless integration capability allows for easy implementation with existing systems, offering the choice of 'template and pin on card' configuration or complete control managed through miPASS Access software. The BioXK is designed to cater to correctional facilities' needs, offering pre-configured and customized operations to align with existing security protocols. Remarkable flexibility allows it to accept custom key and data formats, enabling smooth compatibility with pre-established security configurations. With the BioXK in place, correctional facilities can enjoy the highest level of access control security to safeguard their premises effectively.

ILLUMINATE



Hybrid IP IR/WL Illuminator – All-in-one IP illuminator

The Hybrid IP provides both Infra-Red light for energy saving night-time CCTV images plus White-Light for colour images in one single unit. Designed to seamlessly integrate with IP CCTV systems and external motion detectors, the Hybrid IP provides event triggered lighting to instantly illuminate and deter intruders.



D-TECT Laser – Unrivalled accuracy for security detection

The D-TECT Laser is an innovative laser-based security device, purposefully designed to create virtual walls and ceilings. The invisible and customizable barrier instantly detects intruders and contraband that may be thrown or dropped into facility yards.



FIND OUT HOW AVA GROUP CAN HELP SECURE YOUR
CORRECTIONAL FACILITY TODAY



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INFORMATION**

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