



Future Fibre
TECHNOLOGIES

Fibre Optic Intrusion Detection and Sensing Solutions

Perimeter
Pipeline
Data Network
Power Cable

fftsecurity.com

Future Fibre Technologies manufactures a complete portfolio of fibre optic intrusion detection and sensing solutions for a wide range of applications.



Perimeter Intrusion

Advanced perimeter security intrusion detection.



Pipeline Protection

Proven early warning of third-party interference.



Data Network Security

Data network monitoring for tapping and tampering.



Power Cable Monitoring

Monitoring for cable interference and disturbances.

Established in 2002, FFT has over 2,500 systems installed in more than 70 countries covering a broad range of sectors across the globe.



The FFT difference

Future Fibre Technologies (FFT) fibre optic intrusion detection and sensing solutions have been developed for the protection of high value assets and critical infrastructure. Widely recognised as the solution of choice for the most security conscious organisations, FFT's industry leading technology is proven with thousands of deployments worldwide.



EMBEDDED DEEP LEARNING ENGINE

Data from FFT's extensive global system installations is used to train effective Deep Learning models deployed to its products via encrypted file transfer. The Deep Learning engine uses this model to perform real-time detection and classification of events monitored on the fibre sensor. The diverse range of representative data captured in FFT's rich Data Library is used to train Deep Learning models that deliver unmatched classification accuracy of events leading to a high POD with the lowest NAR.



CENTRAL ALARM MONITORING SYSTEM

FFT CAMS is a key component of FFT's fibre optic intrusion and detection and location technology. Designed to display, monitor, and control alarm signals from individual or multiple FFT sensing controller units, on a single site or group of sites, FFT CAMS brings all sites together into a simple to understand GUI (Graphical User Interface). FFT CAMS is also extremely powerful – interfacing to existing commercial security systems and controlling a wide variety of devices and software.



END TO END SOLUTION

From design and delivery to training, maintenance and support, FFT's intrusion detection solutions are supported by a global network of expert technical engineers and accredited partners. Online and face-to-face training courses are also available to assist customers with design, installation and setup. Technical services are supported by FFT regional offices located in the Asia Pacific, Americas, Europe, Middle East, Africa and India.



NETWORKING AND INTEGRATION

Through FFT CAMS, FFT solutions integrate with the industry's leading Security Management, Physical Security Information Management, Video Management and Access Control Management Systems. Utilising industry standard and proprietary interfaces to combine inputs from a wide range of security devices with intrusion detection information, intrusion information is displayed on geospatial maps, and monitoring and controlling alarms.



FULL CUT RESILIENCE

Even when a sensor fibre is cut or damaged, FFT products continue to detect perimeter intrusions occurring between the controller and the cut. When sensor fibres are connected to two channels of the controller (or two controllers) in a redundant loop configuration, single cut resilience is guaranteed.



CYBERSECURITY ASSURANCE

FFT's parent company Ava Risk Group has developed a market-leading testing, verification and lifecycle program, based on the National Institute of Standards & Technology (NIST) Cybersecurity Framework, and combined with the 2900 Cybersecurity Standards of the globally recognised independent testing organization Underwriter Laboratories.



The world's most effective answer to securing high value assets and critical infrastructure.

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

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