

# FFT Secure Fence™ Case Study – US Military

**This project required a high priority (quick-turn-a-round) effort to establish a perimeter security detection system around a 20km fence line on a remote US military base. The fence existed, but there was no way of determining an intrusion into the base until it was too late.**

The installed FFT Secure Fence™ system has two main perimeter intrusion detection components: one on the fence and one below ground. These two main components detect tunnelling under the fence, climbing on/over, cutting the fabric, and/or the fibre.

Additionally, FFT integrated to a CCTV system to point the camera to the intrusion location. This system includes colour, near infrared, infrared, and black and white cameras. The FFT CAMS system has proven highly effective in controlling this CCTV system.



Critical aspects of this installation included:

- A single system to protect the entire 20km perimeter
- Simple, rapid installation
- No power required in the field
- No electronics installed in the field
- The ability to provide the precise location of an intrusion
- Complete integration and control of various long range CCTV cameras
- High sensitivity, yet minimal nuisance alarms



After installation and commissioning of the system, the security contractor stated:

*“By far, Future Fibre Technologies (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 follow-ups after the work was completed. The system is the best we have seen or heard of to date. Every facet of the system met and/or exceeded our expectations”.*