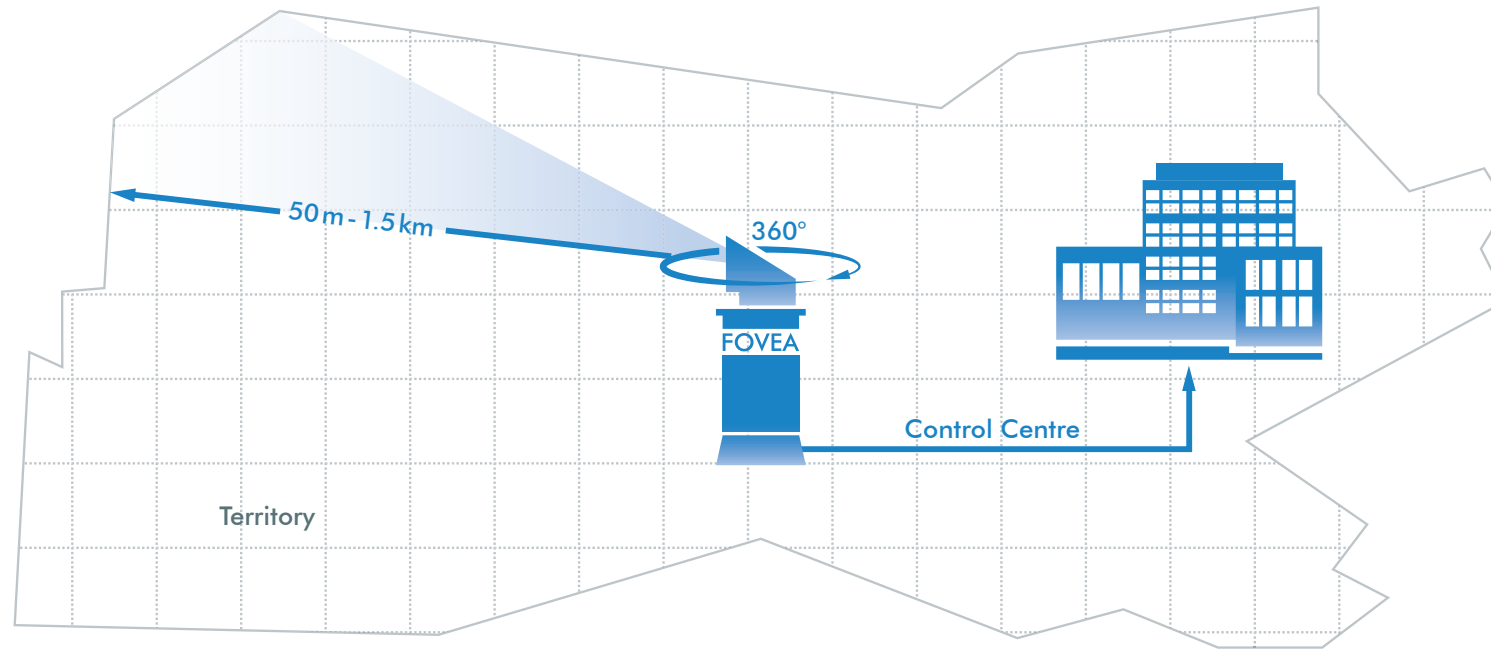# ALL-ROUND PROTECTION.

In the field of territorial monitoring solutions for the early detection of adverse events such as fires, theft or trespassing can be of great importance. Furthermore, efficient technology is needed in order to monitor particularly vast areas completely and with as few cameras as possible. Reliable risk detection and alerting as well as an automated and rapid evaluation are also essential criteria for the operators.

The monitoring system FOVEA by Syperion Vision makes it possible to monitor areas of up to several kilometers in diameter with only one camera. It detects possible threats automatically and evaluates them in real time. This enables customers to save both time and money. Whether industrial facilities, landfills, airports, seaports or forestry areas: with FOVEA you will have a safe all-round protection.

SYPERION
VISION

FOVEA – 360°-TERRITORIAL MONITORING

50 m - 1.5 km

360°

FOVEA

Control Centre

Territory

PERFORMANCE

The video monitoring system FOVEA observes large areas with a 360° field of vision within a radius from many hundred meters up to several kilometers. The surrounding area is captured continuously with high resolution from a central point and motions or changes within the viewing range are detected and evaluated automatically.

Video surveillance of large areas in the visible or infrared spectrum becomes feasible with FOVEA: There is no need to install surveillance cameras at different locations and to have the incoming video data inspected by an operator.

FOVEA is a flexible system, which can be adapted easily to customer-specific requirements. We are specialised in special-purpose solutions so we can offer you an individual system proposal for your field of application.

SOLUTIONS

Quality und Quantity
- Territorial monitoring of spacious areas
- Fast generation of high-resolution 360° panoramas

More Safety
- Automatic, intensity-invariant detection of relevant events
- Reliable alerting of events

New Technology
- First use of a camera chip in the video-based all-round detection
- Flexible use of different types of cameras and lenses
- Patented method

BENEFITS

More Efficiency
- Monitoring of large areas with a single system
- Automatic detection of relevant events
- Avoidance of false alarms due to reduced interaction

Optimised Performance
- Flexible, future-proof hardware concept
- Surveillance of large areas rather than simple perimeter monitoring

Profitability
- No need to install many individual camera systems
- Cost reduction through less extensive infrastructure and maintenance