

# CREATING SMART INDUSTRIAL SOLUTIONS TOGETHER



Large area thermal detection with Perisec  
Aligning high-end centered detection with high-end video





Perimeter protection can be a costly endeavor, needing a high number of cameras to cover an entire area. Of course, these cameras need a place to 'sit', so this also involves placing poles and digging trenches for cabling. This can really mount up in time and cost, especially when a large quantity of poles is needed with traditional cameras.

Using thermal radar perimeter monitoring from a central location is much more economical, reducing device count, infrastructure, networking, and licensing costs.

Perisec is a network-based thermal surveillance and detection solution providing constant 360° situational awareness. Perisec can be used as a standalone detection outpost or the centerpiece of an integrated physical security strategy. The patent-pending thermal radar GUI integrates with VMS and PSIM platforms by displaying the full 360° detection area, integrated geospatial map and event alerts. The thermal radar detects in 360° persons, vehicles and/or fire.

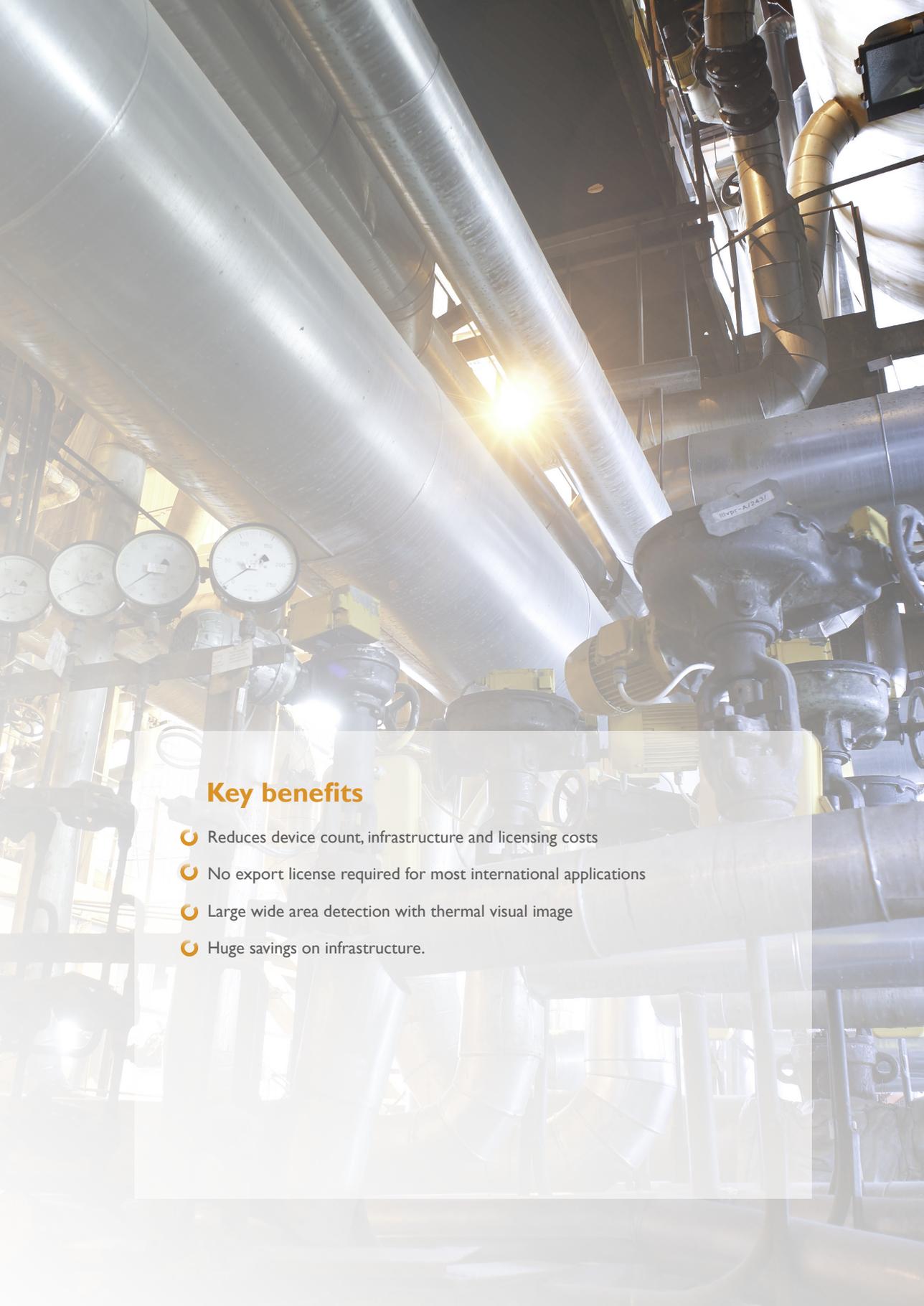
Based on this detection, the thermal radar sends coordinates to a PTZ camera, for example the Hikvision DarkFighterX PTZ. Since the complete range of Perisec solutions integrates well with Hikvision cameras, this gives a very attractive solution. Once an intruder is detected, an alarm is automatically pushed to the monitoring station directly through to a VMS or by an Adam module, attached with the video clip of the alarm and the origin of the alarm highlighted in red.

Detection is achievable up to a radius of 500 meters in any direction from the unit, in an open area. This means that the thermal radar has the potential to do the work of up to 12 standard thermal cameras which produces expense savings on installation, licensing and networking costs.

## Key features

- Edge analytics for human, vehicle and fire detection
- Proprietary adaptive analytics result in low false positive alerts
- Patent pending GUI feed displaying full 360° coverage area
- Simultaneous detection of multiple targets
- Geo-Spatial location-based detection alerts.



A photograph of an industrial facility, likely a refinery or chemical plant. The image shows a complex network of large, polished metal pipes running horizontally and vertically. In the foreground, several circular gauges with white faces and black markings are mounted on a metal structure. The lighting is bright, with a strong light source creating a lens flare effect in the center of the image. The overall scene is industrial and technical.

## Key benefits

- Reduces device count, infrastructure and licensing costs
- No export license required for most international applications
- Large wide area detection with thermal visual image
- Huge savings on infrastructure.



# About Us

## Hikvision

At Hikvision we believe that close collaboration with our ecosystem of partners is needed to further accelerate innovation and development in the security industry, while also securing maximum value creation for clients.

We work in close technical partnership with hundreds of best of breed manufacturers of hardware and software systems in the security, building automation and IoT industries. Our Technology Partner Program ensures that our clients can use Hikvision technologies knowing that we provide vendors with the tools to obtain comprehensive integration and compatibility with all our products.

## Perisec

Perisec is a European distributor of Thermal Imaging Radar, and has experts based in the Netherlands with more than 20 years of CCTV expertise.

Thermal Imaging Radar is a U.S. based manufacturer of award winning advanced intrusion detection systems. Our products are manufactured in Utah, USA in an ISO 9000 certified facility. Our leading edge technology is a first to market product of its kind featuring continuous and persistent 360 degree thermal detection technology with sophisticated on the edge analytics.

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