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# LWIR-MWIR-SWIR Multisensor Systems and Security Solutions

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## About Tanz Security:

As producer and solution provider in thermal security and surveillance, Tanz offers multi-functional integrated systems to several industries, from critical infrastructures such as airports, power plants, seaports and petrochemical industry to high level military solutions.

Tanz solutions are based on proprietary technology and third-party state-of-the-art products, able to meet the increasing operational demands of critical infrastructure safety, security and reliability.

Leveraging a breadth of expertise across both defense and civil domains, we have developed a range of capabilities to offer modular complex solutions ensuring effectiveness, reliability and security for different partners world wide.

Our solutions encompass protection of assets and people through the integration of high-performance sensors, physical security, and process automation systems, in order to provide:

- Long range threat detection MWIR, SWIR, LWIR
- Short, mid, long range directional and omnidirectional radars
- Advanced C2 and multiplatform control software
- Increased situation awareness
- Artificial intelligence for object detection and classification
- Advanced perimeter security systems and analytics
- Long range illumination and laser range finders
- Military grade positioning systems

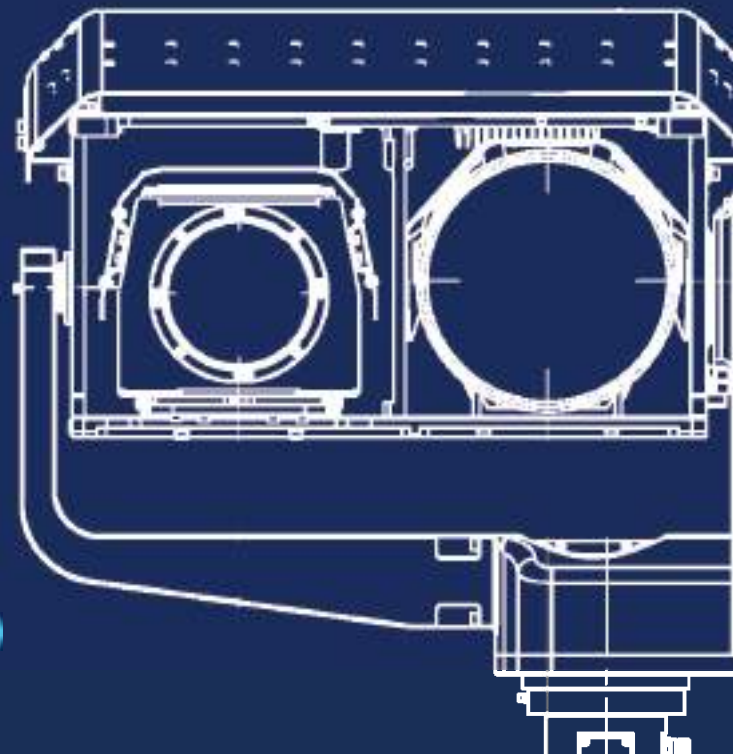




## Where are we?

Tanz Security is present in several countries where we provide support to sales, client support, technical support and RMA to all of our partners and customers worldwide.

Tanz offices and partners offices are capable and ready to provide technical support and after sales service for you and your projects.





## What we do

Tanz Security design and produce advanced security multisensor systems for military and critical infrastructures.

At Tanz we engineer a wide and professional range of optronics and imagery systems, for multiple applications. Tailoring our systems, we achieve most of the technical specifications required by our partners in multiple countries and scenarios.

Tanz Security specializes in:

- Long range coastal security
- Border Security and Ground security
- Critical facility, such as power plants, seaports or airports
- Industrial security

Our many years experience in the security arena, and the multiple successful projects and installations all over the world, has provided to Tanz Security and extensive and deep understanding of the technical solutions and technical capabilities.



Ground



Sea



Air



Tanz Security has a wide experience and deep knowledge in thermal security and vertical solutions for different security industries.

Years of experience in many different industries provide Tanz the right background to face challenging projects.

- Border security
- Blue line control
- Airports and Seaports
- Solar farming and windmills
- Fish farming
- Critical infrastructures







Vertical Solutions for civil and military applications





## Vertical Solutions for civil and military applications



### Defense

Long distance thermal and D/N cameras, including advanced radar technology, LRF, GNSS and DMC data.



### Coastal Security

LWIR/MWIR/SWIR systems paired with ultra-long distance DN sensors. Omnidirectional radars with AIS support.



### Homeland

Heavy duty positioning systems able to manage multiple sensors, paired with long range lenses and AI.



### Border Security

LWIR/MWIR infrared sensor paired with mid/long range lenses. Advanced detection analytics with autotracker.



### Solar/Mill Farms

Short and mid range multisensors with automated AI algorithms capable to detect and autotrack moving objects.



### Seaports

Harsh environment ready systems paired with long range lenses and marine radars, C2 platform supporting multiple sensor data, such as AIS or LRF.





## Airports

Mid/long range DN and thermal sensor, automatic analytics to detect drones and flocks. C2 with multisensor video input and radar signal.



## Railways

Short distance lenses capable to detect objects in tracks. Supporting night vision and driving enhancement in fog.



## Oil & Gas

Tanz thermal security solutions helping to protect all oil & gas assets and factories. Automatic oil pipe protection, loitering detection and alarms.



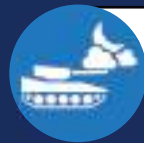
## Fish Farming

Mid distance systems supported by laser illuminators, capable to detect unwanted approach of boats to fish cages. Automatic 24/7 detection.



## Power Plants

Tanz solution to protect critical facilities, automatic scanning of larger areas, fence security and short distance radars to ensure highest security.



## Mil NVS

Short distance LWIR and DN sensors helping night vision driving. Totally passive system, video display in military grade monitors with customizable multifunction keys.







# High performance systems able to achieve most demanding project requirements





# Solutions for System Integrators



Spain, Spanish Army,  
Military vehicles multisensors



Kingdom of Saudi Arabia, Government  
Qurayyah combined cycle power plant





# Solutions for System Integrators



Spain, SIVE/FRONTEX EU,  
European Union coastal security



Mexico, Mexico Government  
Border control





# Solutions for System Integrators



Vietnam, SPZ,  
Offshore windmill facility security



Greece, MOD  
Coastal security system







# Solutions for System Integrators



India, India Army  
Jet fighter tracker



Croatia, Croatia Government  
Coastal security





# Solutions for System Integrators



Ukraine, Ukraine Border Control Authorities  
Border control, multiple locations



Japan, Japan Navy  
Coastal security

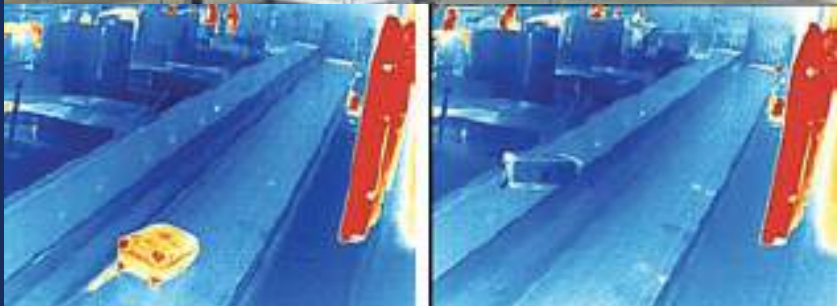




# Solutions for System Integrators



Chile, Chile Carabineros / Government  
Border control



Australia, Queensland Airport / Government  
Airport security



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