

# TEMET Group

Year 2008

Protective Solutions

[temet.com](http://temet.com)

[temet.fi](http://temet.fi)

CBRN Detection and Protection

[environics.fi](http://environics.fi)

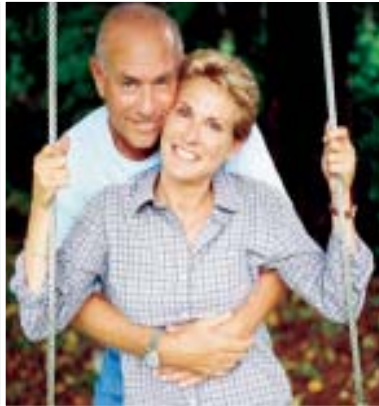
Colour Line Scan Cameras

[tvivision.com](http://tvivision.com)

TEMET



TEMET  
Group  
Operating environment



**TEMET Group** is strongly focused on protection of human life, valuable assets and important functions of the society, as well as machine vision based control and quality management of industrial processes.

The success of **TEMET Group** is based on intensive and continuous investment in product development making it the forerunner in introduction of novel product and systems solutions.

**TEMET Group** has three strategic business areas each supported by the Group`s solid mother company Finntemet Oy.

**TEMET** provides advanced protective solutions for hardened civilian and military shelters, industrial infrastructure and mobile collective protection applications.

**Environics** is specialized in chemical detection and environmental monitoring technology for civilian and military applications, and design and supply of custom made CBRN (Chemical, Biological, Radiological and Nuclear) protective systems.

**TVI Vision** makes high-end colour line scan cameras for demanding industrial machine vision applications such as industrial process control and quality management, as well as for other industrial and scientific applications.

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## MISSION

**TEMET Group** offers advanced and cost effective protective solutions for international civilian and military customers and high-end colour line scan camera technology for the world wide machine vision market.

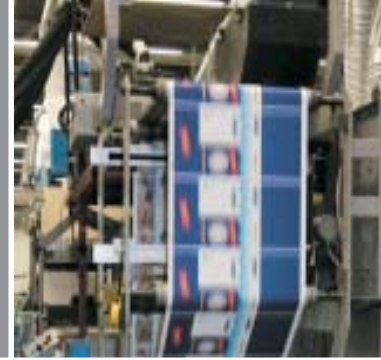
## STRATEGY

The **TEMET Group** corporate strategy is based on four cornerstones:

- > solid economical stucture
- > deep technological knowledge
- > strong development pursuit
- > clear customer orientation

## VISION

**TEMET Group** aims at being the technology leader in all chosen business branches. The individual group companies shall have the ability to provide solutions to exactly match the customer`s needs, and the possibility to continuously develop their profitable businesses.

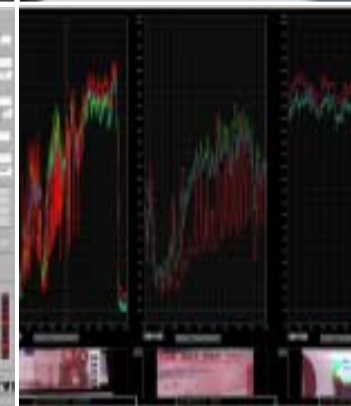


Tightening quality requirements in the industry and increased speed of the various processes continuously set up new challenges for machine vision based quality control. Already from the early stages of the company, TVI Vision has taken these challenges seriously and has worked as a pioneer in developing and manufacturing 3CCD based colour line scan cameras.

President and CEO  
Mauno Kemppainen



Experience in camera technique from more than 25 years and continuous development with advanced patented solutions guarantee the high quality of the manufactured cameras. With TVI Vision's high speed cameras and continuously increasing power of computers it will be possible to increase and extend the use of colour line scan based quality control. Reliability, high image quality, high speed and high resolution of the cameras are the key features that prepare the way for new application areas, even outside of the industrial automation.



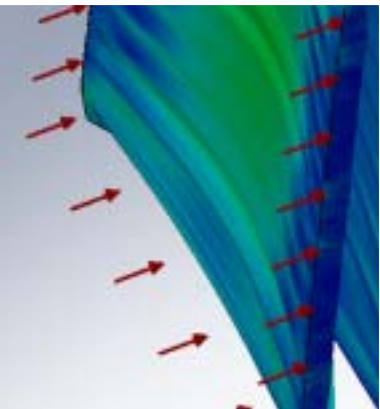
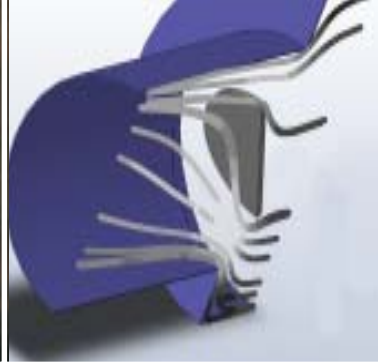


Environics has more than 20 years of experience gained from the CBRN security industry. This creates a solid foundation to implement reliable and functional solutions for CBRN detection and protection. The company focuses on developing chemical detectors and related complete security systems for both military and civilian customers. Environics also delivers tailored turn-key security solutions for CBRN reconnaissance vehicles and CBRN Laboratories.

President and CEO  
Hannu Salmi

EnviScreen environmental security system is designed for real-time environmental monitoring. The system can be built using a wide variety of different measurement devices and detectors, applied for constant monitoring of the air quality and safety. The system can detect all harmful substances in the air and predict the dispersion of a toxic cloud by calculating the data from each sensor. The EnviScreen system can be used for monitoring of buildings, subway systems, ships and airports for any potential CBRN threat. The system can also be set up to create an entire nationwide CBRN security network.

Environics CBRN reconnaissance vehicles are each a customer tailored system. Each vehicle has several different measurement and analysis equipment, and the vehicles have both ballistic and CBRN protection systems to ensure the safety of the crew. The system may be based either on a heavy vehicle, such as an armored troop transport or a lighter cross-country vehicle.



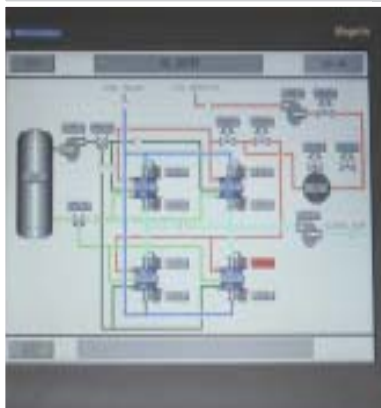
TEMET has set sights on the future in all of its development activities.

TEMET's development work is leaning on the company's long history as the leader and driver of the entire business branch in Finland coupled with the wide international experience and know-how. These act as springboard for effective development of new TEMET protective solutions. TEMET possesses the ability to rapidly commission the newest and most powerful design tools for implementing the product and systems solutions that best support the customer's activities.

Chief Technology Officer, Timo Karkkulainen



TEMET also offers solutions for demanding protection requirements of mobile systems. TEMET lightweight CBRN filters and mobile filtration systems perfectly match the need for protection of special vehicles, ships and mobile collective protection shelters.



TEMET's in-house research, development and design as well as the high quality production in its own manufacturing facility in Finland are an important part of the uncompromising quality and on-time delivery characteristic for all TEMET's products and systems.



# TEMET



TEMET is the world leader in blast protection and special ventilation technology applied in protective constructions such as civilian shelters and hardened military facilities. In addition to protective shelters, TEMET technology is successfully utilized in solving demanding protection problems in industrial and mobile system applications.

President and CEO  
Jyrki Ronkainen



Dictated by its leading position, TEMET is committed to continuous development and functional customer service. This commitment is the foundation for TEMET's customer focused activity and ability to offer advanced, approved and officially certified products and services best matching each client's needs.

TEMET's long experience and pragmatics gained from the international market combined with the strict technical requirements for civilian protection set by the Finnish authorities are the driving force behind the development of TEMET's progressive product and service portfolio.



TEMET's strong competitive edge on the market is based on technological knowledge, continuous investment in research and development, as well as capability to provide high quality service covering the entire customer chain.



# TEMET Group

Contact information

## TEMET

Protective Solutions

Temet Oy  
Asentajankatu 3, FI-00880 Helsinki  
Phone +358 20 757 9510  
info@temet.fi  
www.temet.com  
firstname.surname@temet.fi

## Environics

Gas Detection Technology

Environics Oy  
Graanintie 5, FI-50190 Mikkeli  
Phone +358 20 143 0430  
sales@environics.fi  
www.environics.fi  
firstname.surname@environics.fi

## TVI

Colour Line Scan Cameras

TVI Vision Oy  
Asentajankatu 3, FI-00880 Helsinki  
Phone +358 20 757 9518  
tvicameras@tvivision.com  
www.tvivision.com  
firstname.surname@tvivision.com

## FINNTEMET

Administration Real Estate & Finance

Finntemet Oy  
Asentajankatu 3, FI-00880 Helsinki  
Phone +358 20 757 9510  
info@temet.fi  
www.temet.fi  
firstname.surname@temet.fi

