Solutions for all your needs in terms of prevention

Werner Filez
OPERATING PORTFOLIO

2014 Revenue ($Millions) | 2014 Operating Margin*
---|---
Surveillance | $520 | 25%
Detection | $86 | 13%
Security | $179 | 14%
OEM & Emerging | $199 | 25%
Maritime | $193 | 13%
Instruments | $354 | 31%

- **2014 Revenue**: $1.5 B
- **Operating Margin***: 18%
- **Operating Cash Flow**: $226 M
- **EPS**: $1.48

*Income amounts exclude restructuring charges.

- Airborne systems
- Maritime systems
- Land systems
- Border surveillance
- Tactical vision
- Command & control software
- Radiation detectors
- Explosives detectors
- Chemical-biological threat detectors
- Mass spectrometry systems
- Thermal security cameras
- Visible-light security cameras
- DIY security systems
- Software and analytics
- Building inspection cameras
- Electrical / mechanical cameras
- Lab / R&D cameras
- Test & measurement tools
- Firefighting cameras
- Multifunction displays
- Instruments
- Sonar
- Radar
- Thermal cameras

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Flir Intelligent Transportation Systems

- Own Research & Development
- Tailor made solutions
- Over 30 years experience
- Global market leader
SOLUTIONS

Surveillance
Instruments
OEM & Emerging
Maritime
Security
Detection

Adding advanced detection

Tunnel & Highway
Urban
Public transport

Making the road a safer place

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- Level Crossing
  - Tramway crossing
  - Railroad crossing
- Fire detection
  - Live stream
  - Occupancy
  - Availability
- Trackside monitoring
  - Suicide prevention
  - Platform safety - release
  - Station/tunnel intrusion
- Driver assistance
  - Frontview assistance
  - Rearview assistance
  - Graffiti prevention
### WHY THERMAL

#### Visual feedback
- Direct integration
- ONVIF
- Configurable overlay

![Visual feedback example](image)

#### Situation independent
- All weather conditions
- 24/7 detection
- No illumination needed

![Situation independent example](image)

#### Thermal based detection
- Optimized for thermal
- Shape based
- Insensitive to unwanted objects

![Thermal based detection example](image)
NS Dutch Railway company

- 1 site with up to 4 Thermicams
- Up to 1600 sites and 6000 sensors
- 100% stand-alone installation
- Auto-detection with solar panel and battery for night detection
PROJECT NS

OEM & Emerging

Solutions

Project

Integration

NS
**Integration**

- Event recording
- Configuration
- Reporting
- Gateway
  - OPC
  - Plug-ins

**3rd party VMS**
- SeeTec
- Genetec
- Milestone
- DVTEL
- ...

**Edge-based detection**
- Full streaming
- Only alarms
- Local interfacing possible
- Dry contacts
• Werner Filez