

We connect sensors
and provide key data
for value-driven business
decisions in industrial
sorting and monitoring.



Growth trends impacting machine builders, plant developers and plant operators.

- **Customized Scalability:**

Today's customers request individual solutions based on standardized platforms.

- **Competitive pressure:**

Increasingly competitive market landscape require companies to re-think their strategies.

- **Digital readiness:**

Opportunity for improved profitability by exploiting data generated during the manufacturing processes.

- **Service as a differentiating factor:**

Predictive maintenance and other data services create possibilities for new business models.

EVK Value Proposition

■ **Sensor Fusion**

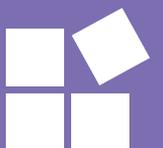
Optimal choice of sensors fulfilling demanding end-user requirements in industrial bulk monitoring and sorting.

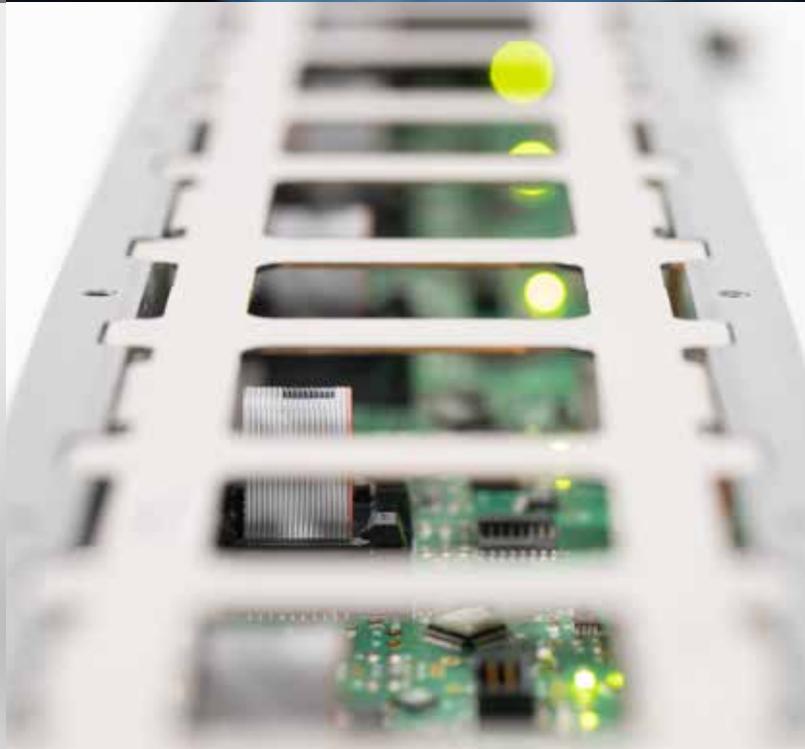
■ **Data Analytics**

Artificial Intelligence-supported algorithms providing key data for knowledge-based business decisions.

■ **Domain Experience**

Solutions for food processing industry, waste management and recycling, mining, and for many other industries.

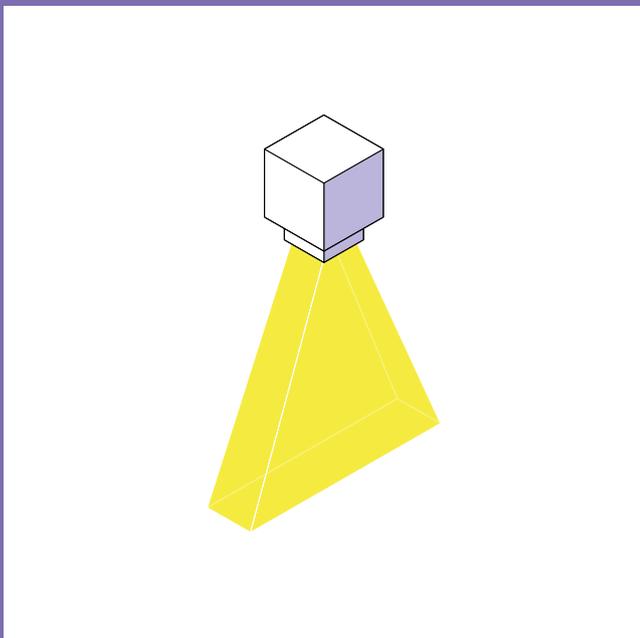




EVK Technologies and Products

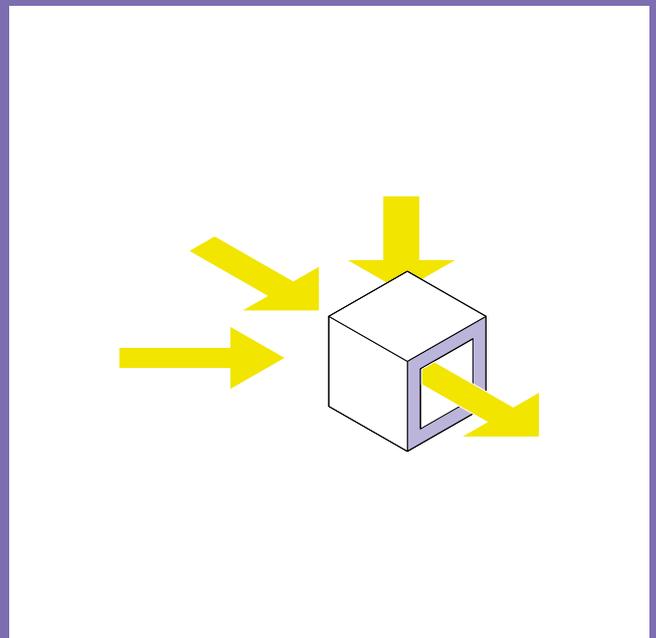
Hyperspectral Imaging Cameras:

Near infrared camera systems for material detection based on chemical properties



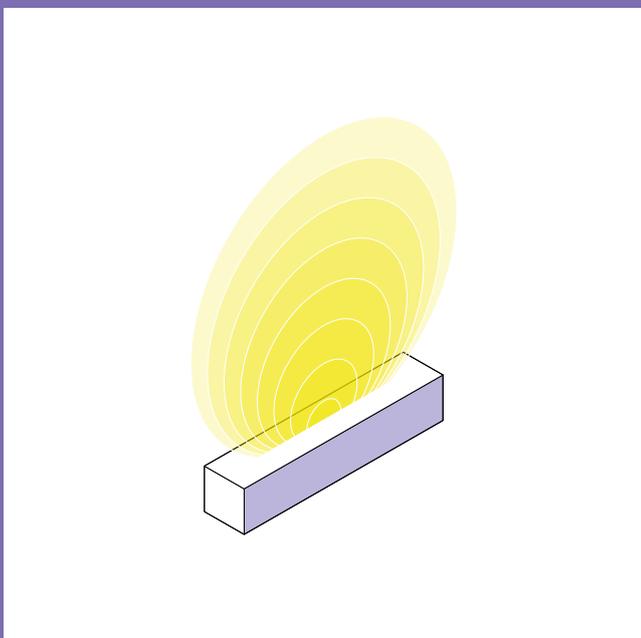
Data Analytics:

Data fusion, classification and AI-assisted analytics for industrial applications



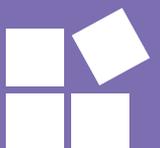
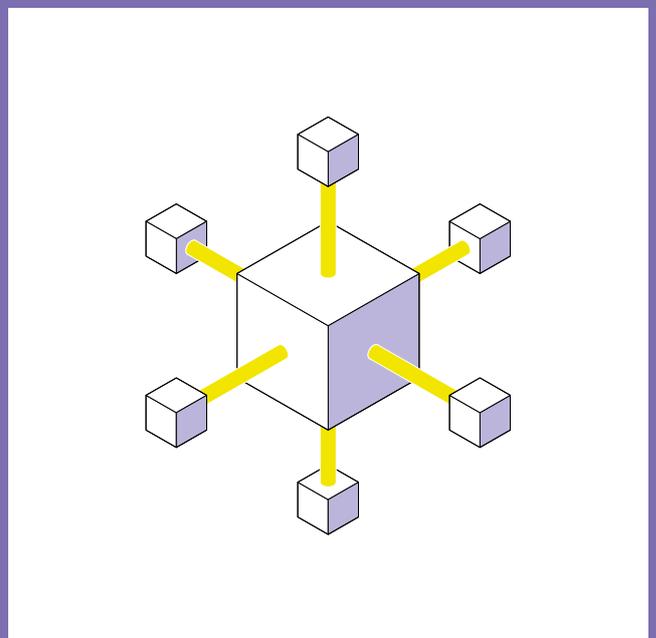
Inductive Line Scanners:

Spatially resolved detectors
for metal sorting

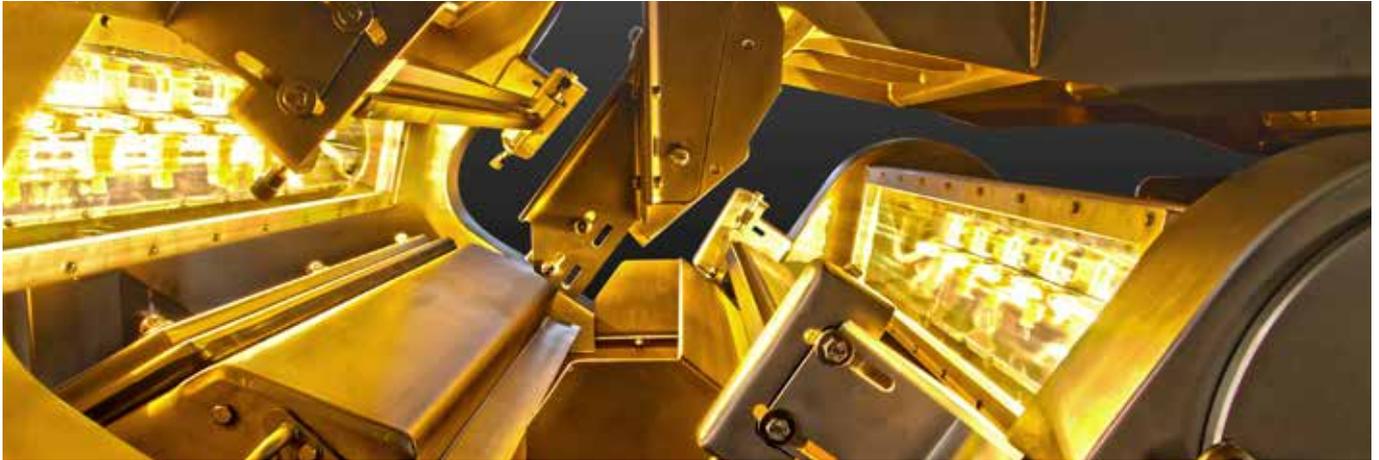


Services:

Consultancy, application
development, system integration
and after-sale support



Machine Builders



Source: © Insort GmbH

Key Market drivers:

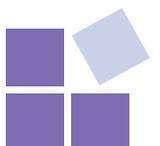
- Demand for higher material throughput
- Increasing sorting accuracy and yield
- Emerging in-line quality monitoring

EVK Value Proposition:

- Selection of optimal sensor setup for best monitoring / sorting results
- State-of-the art application development environment
- AI-supported, real-time data processing solutions
- Consultancy, development support and system integration

Customer Benefits:

- Scalable sensor-based platforms, adaptable to end-user requirements
- Reduced time-to-market due to one-stop-shop for hardware, software and integration services
- Use of EVK-proprietary development environment for end-user application developments



*We provide
right sensors
for right
applications.*

Plant Developers



Source: © Stadler Anlagenbau GmbH

Key Market drivers:

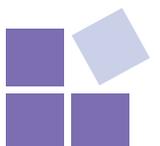
- High plant up-times, plant performance and quality
- Exploitation of plant data for process optimization and process control
- Flexible solutions fulfilling end-user requirements

EVK Value Proposition:

- Monitoring of goods quality across the manufacturing process
- Supervision of material stream at critical processing steps
- Development of individual sensor-based solutions

Customer Benefits:

- Plant optimization and automation by exploiting data from the manufacturing process
- Differentiation by providing end-user-specific features



Plant Operators



Source: © Saubermacher Dienstleistungs AG

Key Market drivers:

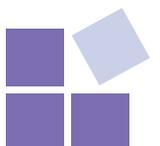
- Improvements in productivity
- High manufacturing efficiency
- High safety for product end-users

EVK Value Proposition:

- In-line detection of foreign material in goods flow
- In-line supervision of the quality parameters of processed goods
- In-line statistical analysis of manufacturing productivity

Customer Benefits:

- Increase of output quality and yield due to continuous in-line monitoring
- Transfer of laboratory metrology into the production line
- Use of statistical data to improve manufacturing productivity



*We bring
the lab into
your line.*



Experts in Industrial Imaging

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