AVALTAR

Product

Smart camera system

Technology readiness

Development

Proof of concept

▶ Prototype

First implementation

Extensive implementation

AI-assisted camera system for safety in Industry 4.0.

AVALTAR offers solutions for safety automation in Industry 4.0, where there is frequent interaction between humans and machines. The multi-purpose SPARK system can help with e.g. controlling the wearing of protective equipment, controlling machines, monitoring lone workers. This protects the health of employees and the condition of assets, saves companies costs and optimizes work processes. The system's robust control unit warns and actively prevents dangers in monitored zones via connected safety peripherals (cameras, beacons, LED projectors, sirens, etc.). The system is calibrated via the SET SPARK web application.

Unique selling points:

- One solution to hundreds of problems.
- Multi-purpose and scalable system.
- Fast and reliable neural models with minimum false detections.
- Customization of software at low cost without the need to modify HW.
- Easy customisation for the customer.
- Affordable personalization without the need to modify HW.

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