# bleenco

Elevate your safety compliance
to a new digital level

Today's safety & security monitoring is
**highly manual**, **error prone** and **costly**.

| Surveillance cameras are already recording manufacturing process | FTEs required to manually monitor and report events | High rate of human error when assessing events | No automation and digitized reporting possible |

# More than **400 million accidents** every year

## Driver Safety

## Occupational Safety

* The focus in this presentation is going to be on Occupational Safety

1.2M
Deaths

35M
Injuries

2.8M
Deaths

370M
Injuries

Bleenco provides a **software toolbox** for safety specialists to **quantify safety risks** and **understand root causes** on the fly.

Scalability proven with 350,000+ workers APD

Sensor and camera independent

Strong team of technical experts in human factors

Technological superiority

# Solutions:
# Driver Safety

# Driver Behavior

For our automotive clients, we detect driver's behavior and track gaze and face.

- Improve in-vehicle experience
- Build human-aware vehicles
- Understand human reactions
- Estimate cognitive load
- Detect attention and focus level
- Identify novel objects inside the car

# Other use cases we solved using driver behavior technology

Understanding the emotional state of a person

Reconstructing eyesight to understand points of interest

Detecting unusual behavior in high security areas

# Solutions:

# Occupational Safety

# Check-In with Personal Protective Equipment

Automated verification of Personal Protective Equipment compliance at the check-in using off-the-shelf video surveillance cameras.

- Analyze safety culture at work
- Measure the success rate of internal trainings
- Remind workers on safety requirements
- Digital reporting on PPE compliance

# Other use cases we solved using
# check-in with personal protective equipment technology

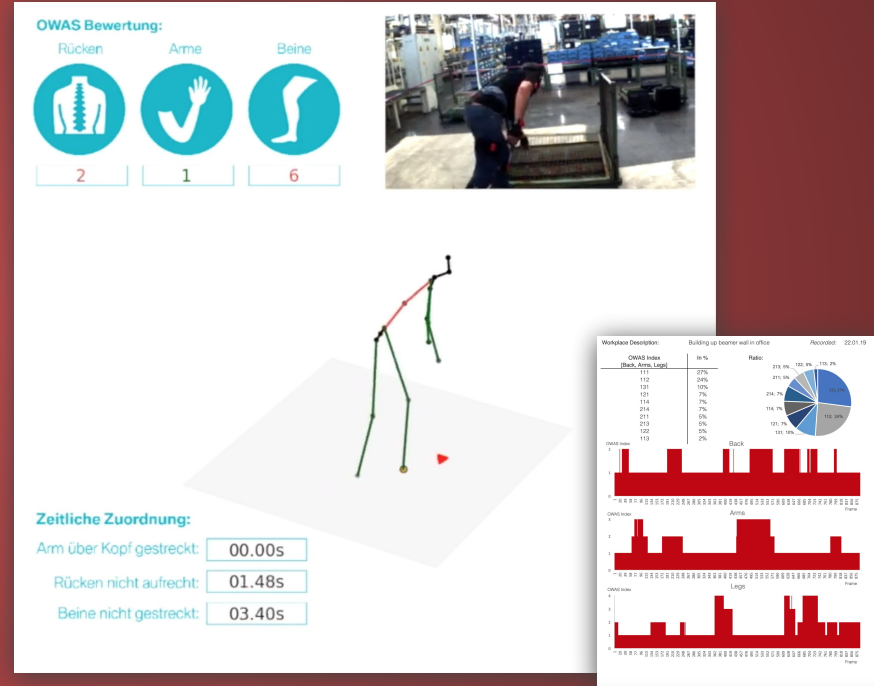Counting people when they go in or out of a building

Monitoring the use of protective equipment in repair workshops

Check-in gates in food production and clean rooms

# Industrial Ergonomics

Evaluating ergonomics at work using only a cell phone camera.

- Optimize workplaces and workflow to improve worker ergonomics
- Analyze root causes of recurring accidents in your organization
- Support workers with the feedback to improve their performance
- Anonymized and GDPR conform

# Other use cases we solved within the field of workplace ergonomics analysis

Detecting near crashes between forklifts, workers and more

Automatic detection of material and load handling

Generating spaghetti diagrams to analyze worker movement

# Novel Object Detection and Re-Identification



Leakage

Leakage detected

Novel and specific object detection and re-identification in different environments.

- Detect unusual or novel objects in different environments
- Monitoring floors, surfaces and various areas for visual changes
- Re-identification of objects, such as cars, barrels, trucks, boxes

# Other use cases we solved within the field of novel object detection and re-identification

Observing the state of fire doors and emergency exits

Detecting leakage of liquids and other production materials

Understanding of anomaly states, i.e. open filler cap

**Worker union approved** technology that **improves the productivity** of specialists in occupational safety and **reduces insurance and worker compensation costs.**

**Try it out!**

Experts in occupational safety around the world love our solutions because we support them exactly at their pain point.

Measure the success of internal trainings in occupational safety

Introduce more transparency and improve the safety culture

Automize manual monitoring processes with ease

Use one toolbox for all sensor analytics, have peace of mind

Join our list of selected partners and customers!

# Connect with us on Linkedin to stay up to date



**Matthias Poguntke**
Digital Innovation Manager at BASF
7d · Edited

Großartig. BASF und Bleenco got an Global Innovation Award
**#STARTUPAUTOBAHN**

BASF + BLEENCO



**Bleenco**
216 followers
1mo · Edited

We would like to announce the opening of our brand new **Bleenco** office in Maribor, Slovenia. Shoutouts to Nejc for taking this video on his way to work!

New **Bleenco** office in Maribor

careers@bleenco.com



**Bleenco**
216 followers
5mo · Edited

**Bleenco** is looking forward to open its first office in US right next to Kendall station and MIT campus in Cambridge. Make sure to check this sneak peek of **Irman Abdić** enjoying the views ↓



# Linked in

Click and connect with us now!

# bleenco

## Safety everywhere.

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