



# MineView AI

See more. Know more. Act smarter.

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**With MineView AI, Becker Mining Systems introduces a new generation of solutions designed to enhance efficiency, safety, and control in mining environments. By turning visual input into actionable data, MineView AI enables real-time decision-making – automated, accurate, and scalable.**

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Becker Mining Systems is synonymous with technological excellence and real-world innovation. With MineView AI, we introduce a suite of automated and precise applications that transform visual data into actionable decisions - in real time.

Whether evaluating drill performance, monitoring conveyor systems, or detecting PPE usage, MineView AI improves efficiency, enhances safety, and reduces operational risks. Each application integrates seamlessly with existing infrastructure and scales with your needs.

- AI-powered video recognition for industrial environments
- Real-time data for process optimization and decision-making
- Early detection of hazards or equipment anomalies
- Optimized maintenance intervals through visual analysis
- Compatible with thermal and acoustic sensor data
- Anonymous detection for GDPR-compliant usage
- Easily connects to SCADA, PDS, and IoT platforms

## Three Use Cases. One Intelligent Solution.

MineView AI is more than just a set of isolated tools – it's a unified, intelligent system that continuously learns and improves by analyzing real-world video data from mining operations. Designed for use in harsh and complex environments, MineView AI combines powerful machine learning algorithms with advanced industrial imaging to support operational decisions where they matter most.

Instead of merely detecting patterns, MineView AI actively interprets them – recognizing anomalies, evaluating conditions, and triggering targeted responses in real time. Whether it's drilling, transport, or personal safety: the system adapts automatically to evolving conditions, making processes smarter, safer, and more predictable.

This is where the future of mining begins: at the intersection of automation, data intelligence, and human safety.

MineView AI contributes to the next evolution of Industry 5.0 by optimizing workflows, reducing downtime, and supporting data-driven decisions – across the entire mining value chain.

It's not just about technology. It's about creating real value through intelligent automation.

## Drill Count and Monitoring

### Application: Extraction

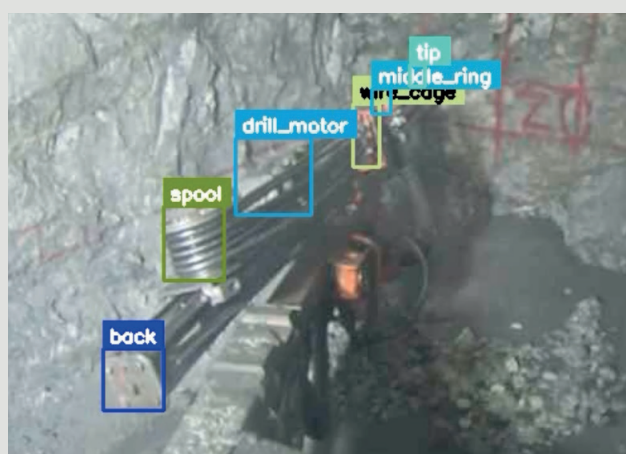
Drilling systems represent significant investments – and require precision and control to deliver consistent performance. Human error or improper logging can lead to costly inefficiencies and maintenance needs.

### MineView AI delivers:

- Visual recognition and automatic counting of each drill event
- Real-time capture of depth, angle, and duration
- Alerts for deviations from drilling targets
- Visual analysis to improve process consistency
- Data-driven insights for predictive maintenance

### The result:

Less unplanned downtime, more efficient drilling, and better operational oversight.



Original Camera Footage

### Application: Mineral Processing

### MineView AI detects:

- ### Optional integrations:

- ### The result:

1 objects blocking, oldest: 91

BackPlate

TransitionPoint

Anomaly: age: 52

*Original Camera Footage*

## Application: Health and Safety

## MineView AI monitors:

- And provides:**

- ### The result:

Time: 0:00:43.080000

Dwell Time: 0:00:00 Dwell Time: 0:00:08 Dwell Time: 0:00:00 Dwell Time: 0:00:00 Dwell Time: 0:00:02

Dwell Time: 0:00:03 Dwell Time: 0:00:09 Dwell Time: 0:00:03 Dwell Time: 0:00:09 Dwell Time: 0:00:09

Dwell Time: 0:00:09

Donning

*Original Camera Footage*



## Centralized Dashboard – Full Control at a Glance

All MineView AI applications are managed through a central dashboard that offers real-time insights, visual alerts, and historical data trends. Operators can adjust settings, review events, and monitor key metrics with ease. The intuitive interface ensures quick, confident decision-making across all use cases.

## The Added Value for Modern Mining

MineView AI is modular, scalable, and future-ready – delivering clear benefits for site managers, maintenance teams, and safety officers alike. Combining visual intelligence with industrial reliability, MineView AI empowers continuous optimization of mining operations.

## Your benefits:

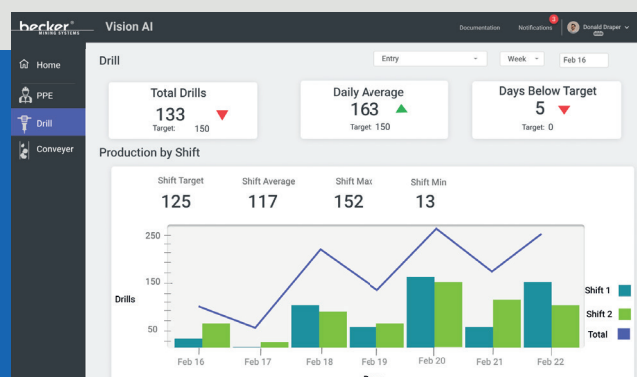
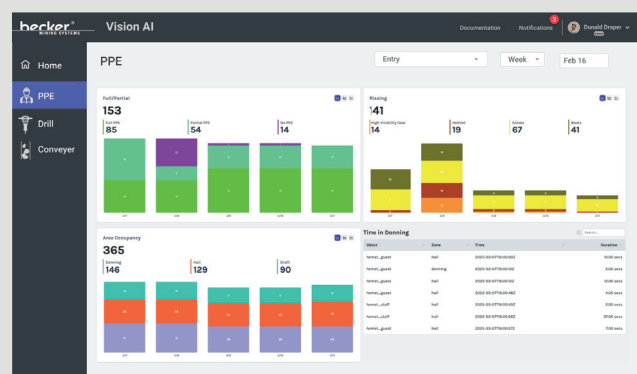
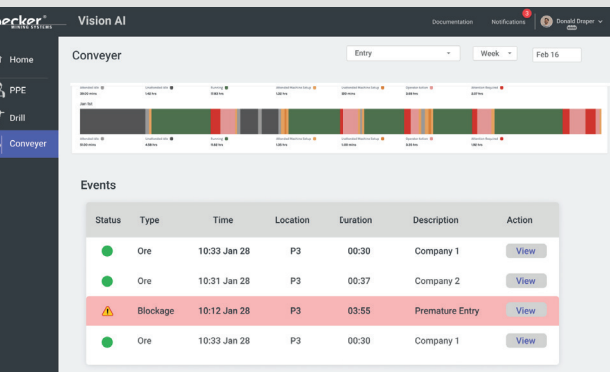
- Fewer stoppages and failures
- Increased operator and site safety
- Automated documentation & tracking
- Real-time process transparency
- Better planning and operational performance

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## Contact Us

Becker Mining Systems accompanies and supports you from the first moment to find the best solution for your needs.

 [sales@becker-mining.com](mailto:sales@becker-mining.com)



Send an inquiry and contact a sales representative today – we help you and your company to focus on the essentials.



**Becker Mining Systems AG**

Landwehrplatz 6-7  
66111 Saarbrücken  
Germany

Tel +49 6897 857-0  
Fax +49 6897 857-188

[info@becker-mining.com](mailto:info@becker-mining.com)  
[www.becker-mining.com](http://www.becker-mining.com)

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