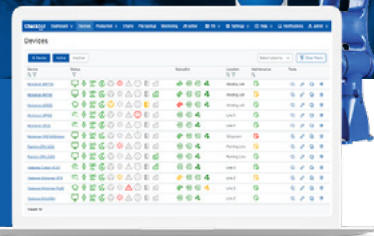# Checkbot

Application for **real-time monitoring and analysis of YASKAWA** robot work

Manage production more efficiently. Anytime and anywhere.

WE ARE A PART OF

YASKAWA
ECOSYSTEM

With Checkbot, you get a detailed **overview of the work and status of your robots in real-time.** With remote supervision, you **save time and operating costs,** you can solve unexpected situations in production faster. You will **prevent unplanned production downtime and economic losses** by monitoring current operating values and analyzing them.

Why Checkbot?

Proven in real production

Fast implementation anywhere in the world

Low initial infrastructure requirements

Supported by manufacturer

Easy adoption by key users

Maintenance & support provided by a well-established company

Robots under control

Checkbot is a tool for **efficient production monitoring.** It will enable you to **monitor the entire operation online from one place** and, for selected models, remote access to the pendant. It **saves the time of your employees,** especially technicians, service workers, and programmers. It stores the selected data in a database so you can further analyze it. And for an even better overview, you can **watch** the work of the robots **via webcams.**

Predictive maintenance planning

With Checkbot, you schedule service inspections at pre-given times or, based on the collected data and their analysis, the application will notify you of the need for maintenance. You will **detect possible defects of the robot in advance and save the costs of unexpected repairs.** You are continuously and clearly informed about the dates of planned inspections. It is possible to manage all documentation related to maintenance in the application.

checkbot.com

Custom monitoring

Recuperated energy monitoring, parameters of welding, energy consumption, temperature, torque, and production time. Thanks to Checkbot, you can continuously monitor and save these and other values. You will get a **perfect overview of manufactured products,** which you can also use as a **basis for an audit or further analyses.** You can immediately react to exceeding the defined conditions thanks to an e-mail notification. You can adapt the settings to your own needs at any time.

Alarms under control

You are immediately notified by e-mail about all unexpected events. To find out the cause, there is a record of the robot's work from the camera just before the event, for its removal there are instructions with the recommended procedure. Quick reactions to critical situations in production will **save you the cost of downtime of the robot or the entire production line.**

Backup and file management

Setting up backups and monitored parameters is simple and can be done on multiple devices at the same time. Regular backup of programs and device settings then **takes place automatically and during full operation.** This saves workers time, reduces downtime, and **enables quick recovery** in the event of unexpected events. The remote management of files stored on the device enables not only supervision but also file downloads and job uploads.

Clear history and graphs

The application provides a **complete overview of all recorded values and events,** including monitoring of their occurrence. You can filter, group, and display the collected data according to selected periods in various types of graphs. You will get a **long-term undistorted overview of all monitored indicators.**

Effectively = cheaper

Monitoring of production effectiveness (Overall Equipment Effectiveness) along with monitoring of manufactured products will provide you a **quick overview of the actual state of your production line, helps to uncover hidden robot reserves and, as a result, helps increase your operating profit.** An overview of produced products, including the time of their production, will also serve as a basis for the audit.

Support from A to Z

Our specialists from OKsystem **will help you with deployment, putting into operation, and training** to use the application effectively. After that, our technical support is at your disposal. Thanks to the constant development and implementation of new trends and requirements, your application will never get old. **We guarantee long-term trouble-free and safe operation.**
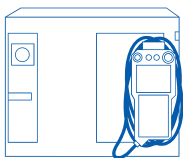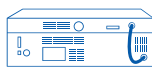
References

autoneum   Mubea   Bobcat   HYUNDAI TRANSYS   SPŠE JEČNÁ STŘEDNÍ PRŮMYSLOVÁ ŠKOLA ELEKTROTECHNICKÁ
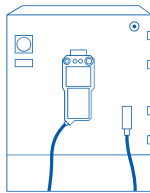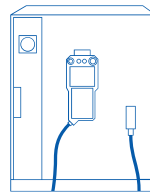
Supported controllers
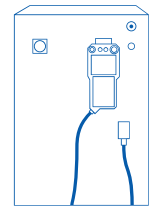
YRC1000   YRC1000micro   DX100   DX200   FS100   NX100

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