



KraussMaffei offers digital solutions for all machines and processes. Our services are available in anywhere and anytime, before your first start-up and commissioning, during its operation, and throughout its entire service life. We also offer you equipment rental services to simplify the process of analyzing and date evaluating. We not only offer machines, but also provide the digital solutions. From tools for efficiency improvement, to machine integration, to intelligent networking of the entire plant, we offer you a one-stop turkey project.



Digital Management System (DMS) can realize transparent management and real-time monitoring of production status and key parameters by breaking down the production plan into rules, matching the mold and process parameter settings, capturing real-time working status, binding and tracking the product pouring parameters, and linking the quality and logistics data. At the same time, DMS can integrate with Andon System and TPM (Total Productive Maintenance) to establish a corresponding expert knowledge base, thus realizing predictive maintenance of key equipment, reducing equipment failures and unplanned downtime, and helping to improve OEE (Overall Equipment Efficiency).

- Visualization of production processes
- Monitoring of key production parameters
- Intelligent production

Stability, precision and cost efficiency in manufacturing: APCplus compensates for external influences on part quality. With the intelligent and automatic control of APCplus you achieve consistently high part quality.



- 25% increase in efficiency
- 50% consistency in component quality
- Achieve zero-defect production



BlueboX is a remote system solution that connects all machines to the company network and allows remote access to these machines.

- Access up to 32 machines with a single BlueboX
- Any client computer with a connection to the company's network can perform production monitoring
- Easy to install (no additional instructions required)



The dataXplorer is a preconfigured data storage for the automatic recording of sensor and control data of an injection molding machine, in whose control cabinet the hardware and software are integrated.

- High process transparency and traceability
- Perform process tuning and optimization
- Easy troubleshooting and diagnostics
- Enables uninterrupted process monitoring and documentation



Through personalized process data analysis and consulting services, forensicExperts can help you unlock the value of your data. KraussMaffei's experts have in-depth expertise and work closely with your professionals to identify specific challenges and problems. By recording and analyzing high-resolution process data, the expert system can propose improvement measures or tailor KPIs for customer process optimization with personalized recommendations.

- Individualized advice for optimizing process stability
- No downtime during investigations
- Provides detailed, high-resolution process data as a basis for work
- Expertise in process understanding and in-depth data analysis
- Provides customized KPIs for continuous process monitoring
- Customized analysis and consulting



Our global support is the basis for your sustainable success on site! smartAssist enables worldwide service contact with KraussMaffei experts at the touch of a button. Professional and secure audio/video communication between technicians on the machine and experts at any location. With Augmented Reality, real objects can be superimposed with virtual texts and symbols, which increases the quality and speed of troubleshooting.

- Planned communication with experts
- Integrated smart glasses (hands-free option)

- Low maintenance costs
- Enables end-to-end secure encryption
- Enables fast and secure exchange of documents and records
- Documents for protection and accounting (screenshots, notes, processes)



Wherever you are, keep up to date at all times. With our socialProduction products, you can keep a constant eye on your injection molding machines, production processes and various machine components. socialProduction connects the communication between man and machine in shared chat rooms. Your machines send chat messages independently to report events and problems that have occurred. With seamless integration, your team can communicate about these events and problems with texts and images.

- Identifies problems in the process before they affect the quality of the components.
- Visualization of mobile Internet applications
- The machine is always online, no matter where or when
- Provides productivity and stability analysis
- Process interruptions can be detected prior to downtime
- Person -machine-person interaction
- Information transfer between shifts
- Enables automatic monitoring of production processes