The factory under your control

KePlast EasyNet 4 Professional

Process management for plastic factories

KEBA

Automation by innovation.

More for you.
All advantages at one sight.

Smart production planning and Open Web API
Balance your plant with full ERP integration

Mold data management and Remote HMI
Get full access to all machine parameters

Productivity history and OEE calculation
Save costs and increase your plant efficiency

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Your benefits with
KePlast EasyNet

Remote Service by machine supplier
Reduce down-times and keep your machines updated

Machine standstill analysis
Review your machine availability and plan its maintenance

EasyNet Mobile
Be informed wherever you are by alarm notifications at any time

The four pillars
of KePlast EasyNet MES

Quality View	Plant View	Job Management	Productivity View
Analyze machine processes and generate quality reports	Keep an eye on machine hall and improve reaction time	Production schedule fully under your control	Check for problem machines and optimize them

Process monitoring
for maximum productivity.

Because experience matters.

Full top-down integration into factory IT

One solution
for all machine brands and generations

Be ready for Industry 4.0 – with KePlast Smart Industry

As part of the KePlast Smart Factory – KEBA's Industry 4.0 portfolio – KePlast EasyNet 4 Professional MES (Manufacturing Execution System) is a user-friendly program that enables the reliable networking of injection molding machines at a high price-performance ratio. It is ideal for central data acquisition and backup. With EasyNet, you have an overview of your production machines at all times – while the short reaction time ensures the highest productivity.

Status of all machines at a glance for higher factory performance

KePlast EasyNet 4 Professional offers various easy-to-use monitoring and planning functions at a glance, such as the overview of the productivity and the process quality view of an individual machine. Due to the EasyNet HeatUpManagement, you can significantly minimize your energy costs to achieve the best possible machine availability. In the clear overall plant view, the shift manager has an overview of the entire production and can react efficiently to plan production changes or will be informed instantly about machine alarms.

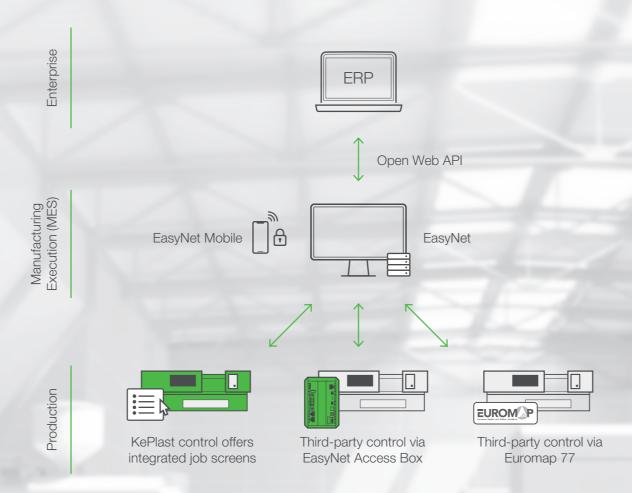// Plant View and Remote HMI   // Production History and OEE   // Quality shot data

Central data management ensures the highest efficiency

EasyNet captures all the relevant machine parameters cyclically. The recorded process data is stored in a central database and this ensures the best data backup and efficient process analysis including the generation of individual production reports. The calculation of the OEE (Overall Equipment Efficiency) allows the comparison of the given data to improve future productivity. The machine standstill analysis enables you for rapid planning of service and maintenance of the machines as well as the optimization of your workflows.

Enterprise

ERP

Open Web API

Manufacturing Execution (MES)

EasyNet Mobile   EasyNet

Production

KePlast control offers integrated job screens   Third-party control via EasyNet Access Box   Third-party control via Euromap 77

Keep your critical production data secure

The KePlast EasyNet concept is built on the philosophy of keeping all the collected data secure at the production company's hands with special permissions of the data owner. Our solution is based on a local server architecture on site to avoid data security challenges, while the available internet and cloud access can be provided on request via a secure connection.

Paperless job management according to EUROMAP 77

Ensure your best factory performance and increase your information level to the highest with the full and homogenous integration of production jobs according to EUROMAP 77 – from the ERP system directly to the operator at the machine. With EasyNet, production jobs are sent in real-time to the HMI screens and the collected information of the production status is returned instantly. Every deviation of production is put into updated planning every shot of the machine.

Connect all your machines with EasyNet AccessBox

A production hall often contains machines from a variety of different manufacturers and machine generations. With EasyNet 4 AccessBox, you can also integrate machines without a KEBA controller into the EasyNet network – while the new machine generations can be integrated via EUROMAP 77 directly.

KePlast EasyNet Mobile – be informed wherever you are

Regardless of the operating system and available for all mobile smart end-devices, KePlast EasyNet Mobile is an HTML-based assistance system and provides all necessary and required production data of your plant. Stay up to date with notifications regarding production events and maintenance – wherever you are and at any time.

Cloud

KePlast ServiceNet – in seconds at your machine

KePlast ServiceNet is a user-friendly plug & play solution for comprehensive remote support and efficient distant monitoring of IMMs. As a plug-in to EasyNet 4, it extends the established machine connectivity to easy-to-use world-wide service and support from your machine supplier. Thanks to the secure connection to all machines in the field, your machine supplier service center can immediately analyse any issue or make your machine even more user-friendly, i.e. by updating translated screen texts.

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