



EMC.Control

Easy production- accompanying supervision

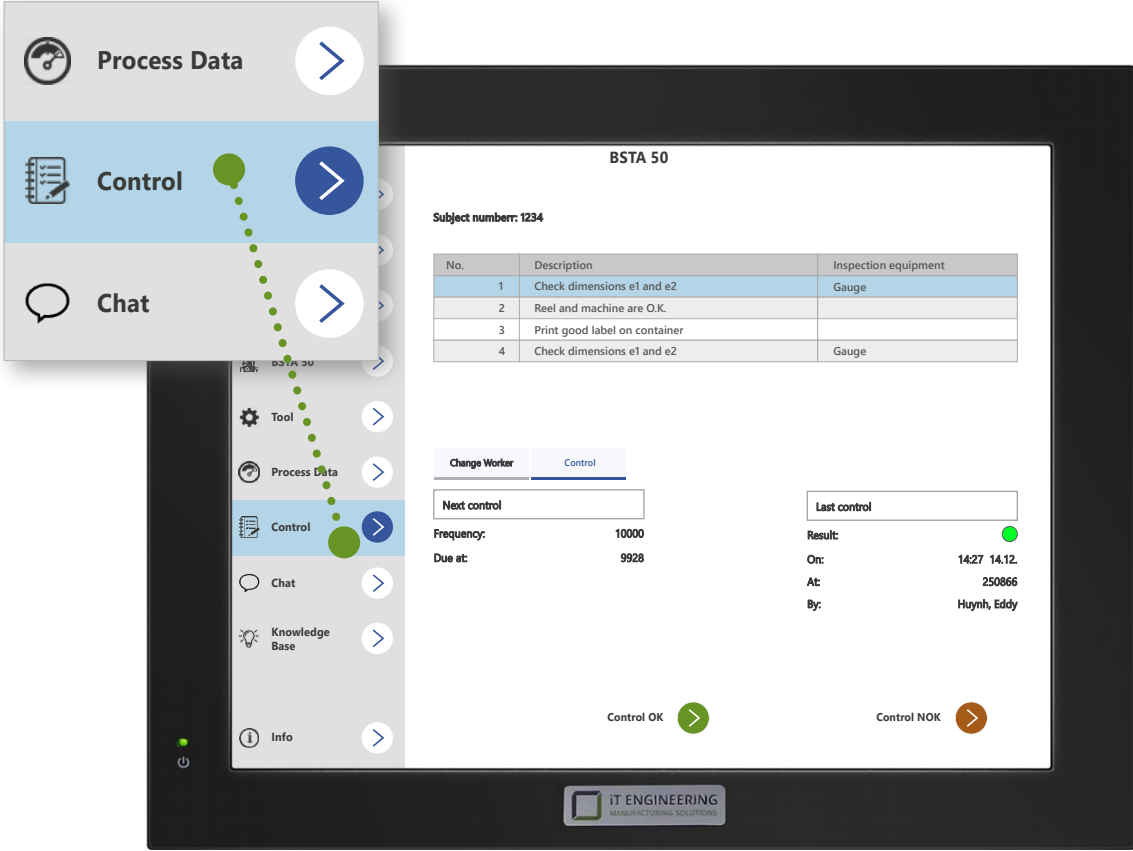
The **EMC.Control module continuously monitors current production**. When a **predefined event is reached**, such as an inspection interval being exceeded or a fault being triggered, **a message is automatically displayed on the machine terminal**, prompting the worker to carry out a production check or inspection. Similar to a checklist, the processes are supplemented by **clearly scheduled checks**, significantly increasing the quality of production.

EMC.Control

Reliably carry out and document production checks



With the **EMC.Control module**, predefined **controls or production checks** can be carried out, documented and evaluated easily and reliably, e.g. during shift changes.



No.	Description	Inspection equipment
1	Check dimensions e1 and e2	Gauge
2	Reel and machine are O.K.	
3	Print good label on container	
4	Check dimensions e1 and e2	Gauge

Change Worker		Control	
Next control			
Frequency:	10000		
Due at:	9928		

Last control	
Result:	●
On:	14:27 14.12.
At:	250866
By:	Huynh, Eddy

Control OK Control NOK

If the time for an inspection defined in advance in the inspection plan in EMC.Data is reached, the worker is **informed of the need to act by clear notifications** on the terminal, e.g. "Inspection necessary / order quantity already reached".

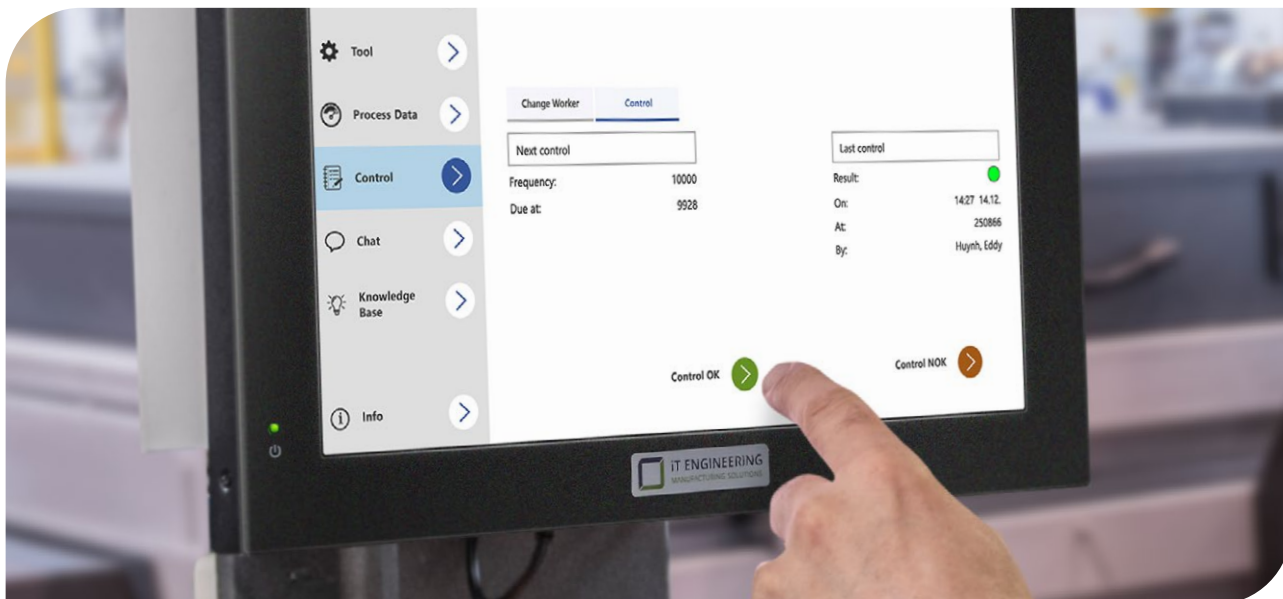
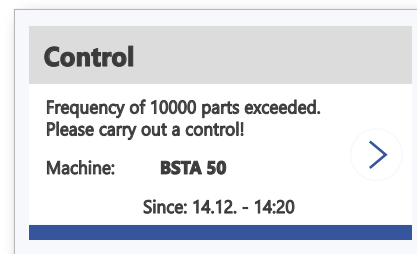
Automatically display control messages

When **automatically triggering an inspection/production test defined in the test plan by**

- Shift change
- Reaching the inspection frequency (fixed number of pieces or number of pieces from a calculation of the target output and x minutes)
- Interruptions with the "Inspection necessary" property active

production-related prompts/monitoring are displayed as notifications on the terminal.

Tapping on the notification takes you to the control for the machine concerned to carry out the check. For **machine terminals with several machines**, you are **forwarded directly to the correct page/machine** when you select the button in the notification.



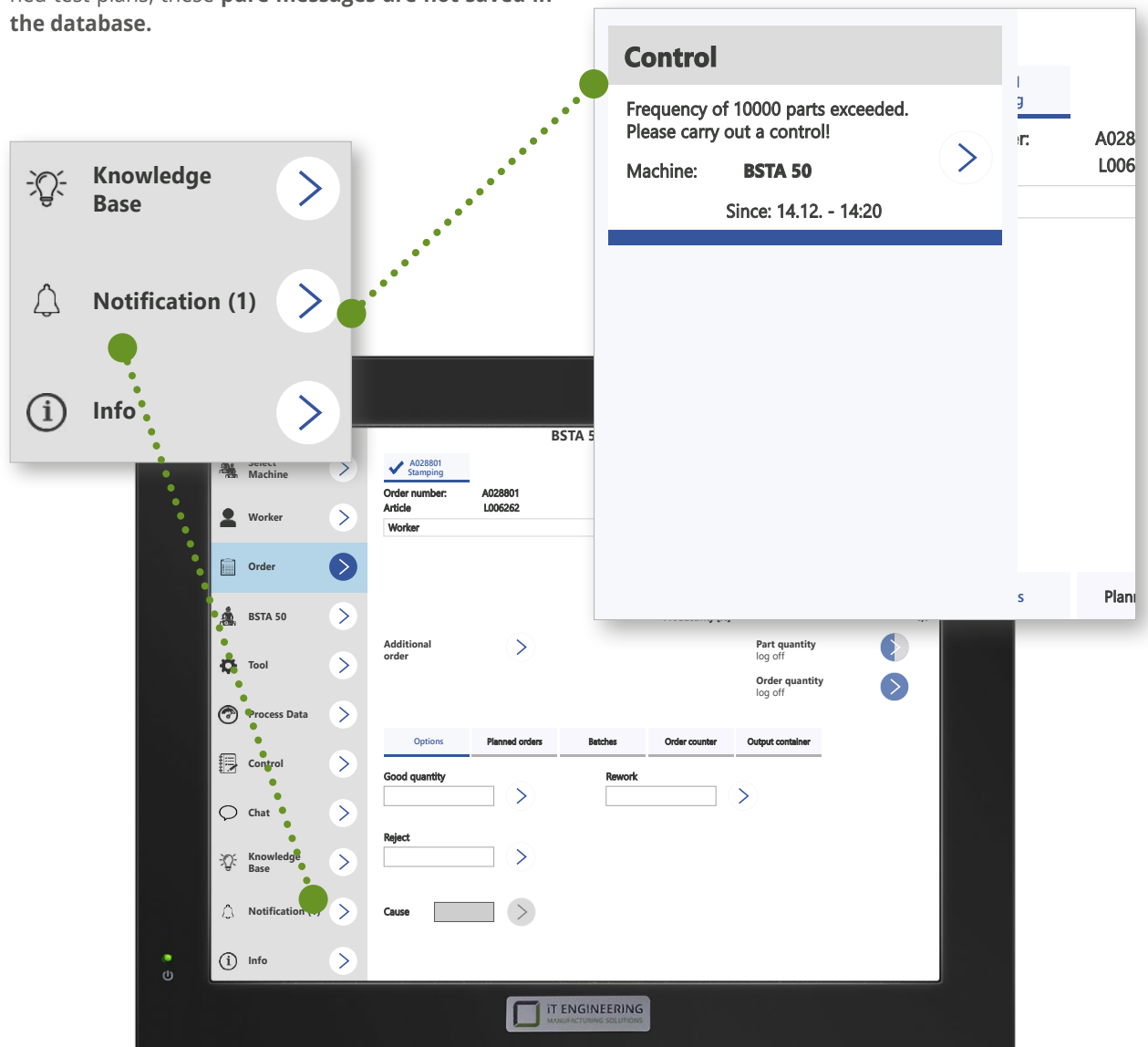
Pass info signal to the machine

In the event of a **pending check or production test**, information can be sent to the machine that it **cannot be restarted** until the check has been carried out and **confirmed via the OK test**.

When using production traffic lights, for example, an information signal can be used to **set the traffic light to red** as long as the check has not yet been carried out. This allows you to see directly which machine still needs to be checked.

Define notifications and messages

In addition to **standard messages or notifications** such as "Order quantity reached" or "Overproduction (after 10% surplus)", **individual, customer-specific notifications can be defined** on request, which are **not part of the inspection plan**. This means that a message is also generated when an event occurs and displayed on the machine terminal. Unlike predefined test plans, these **pure messages are not saved in the database**.

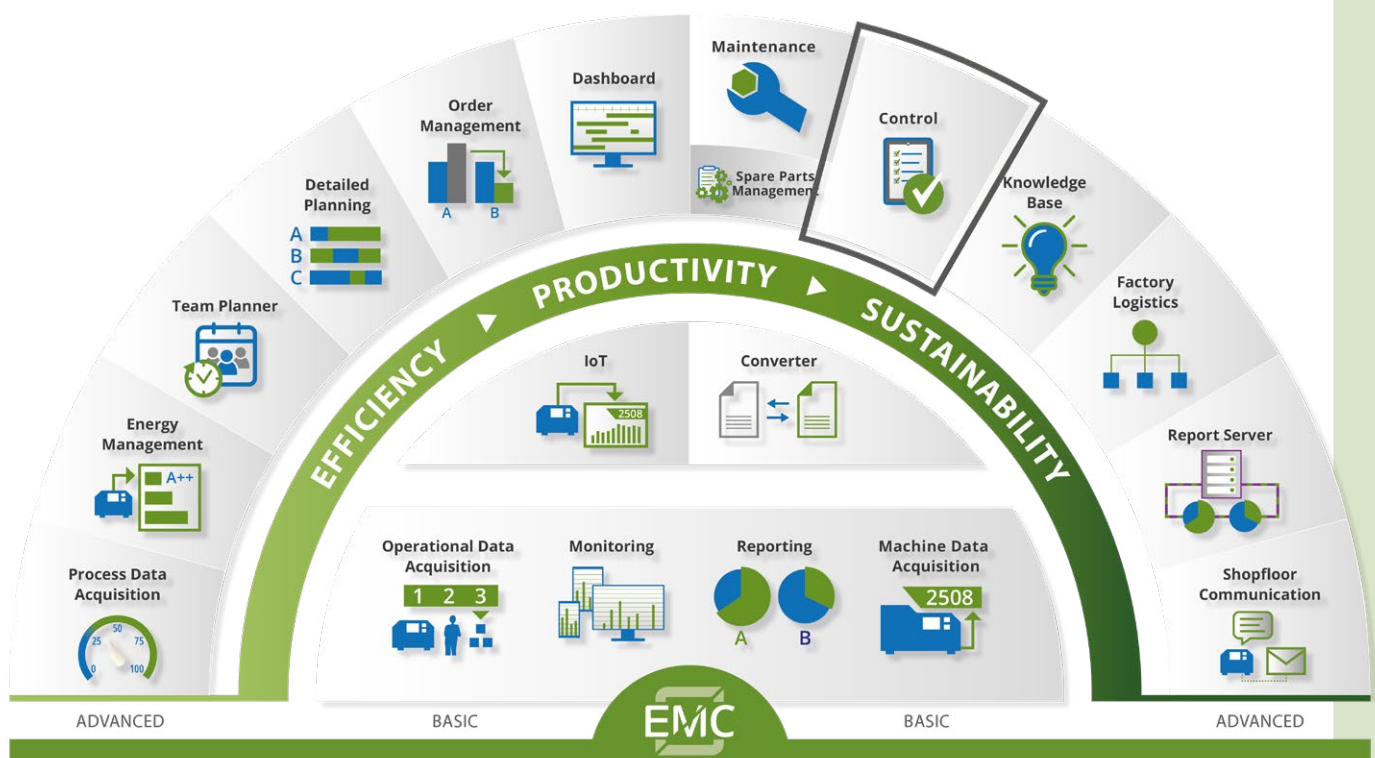


MES Software EMC

The solution for your smart networked manufacturing

Our user-friendly MES Software EMC controls all digital processes on the shopfloor **from planning, implementation, maintenance to traceability, shipping, production orders and a sustainable evaluation.**

It adapts completely to your needs, integrates into your existing IT landscape and brings together the data streams from ERP and the shopfloor.



The **modular architecture** of the MES Software EMC offers you the important **freedom and flexibility** in the implementation of your future-oriented production. Together with the **central MES database**, it is the basis for a **customer-oriented implementation - step-by-step or holistically - individual modules or as a complete system.**

No matter which solution you choose, with EMC you are always one step ahead and have the **best possible transparency** in production. All with the aim of **increasing your efficiency.**



Die iT Engineering Manufacturing Solutions GmbH ist Ihr Anbieter eines ausgereiften Manufacturing Execution Systems im Fertigungsmanagement.

Als IT- und MES-Experte in der Umformbranche und durch unser großes Netzwerk an Partnern und Mitgliedschaften in Verbänden (u.a. VDFI und netzwerkdraht e.V.) sowie beste Kontakte zu den Maschinenherstellern wissen wir genau, wie man an die wichtigen Daten kommt und wie sich daraus Prozesse digitalisieren und damit Effizienz und Produktivität in der Fertigung steigern lassen.

Unsere MES-Software EMC fungiert als zentrale Informationsdrehscheibe und sorgt durch die Integration der Produktionsdaten für transparente Fertigungsabläufe, Flexibilität und Kosteneffizienz.

Mit hoher Fach- und Branchenkompetenz sowie langjähriger Erfahrung und Expertise begleiten wir Sie persönlich und Schritt für Schritt dabei, Ihre Fertigung in eine digitale Fabrik umzuwandeln.

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