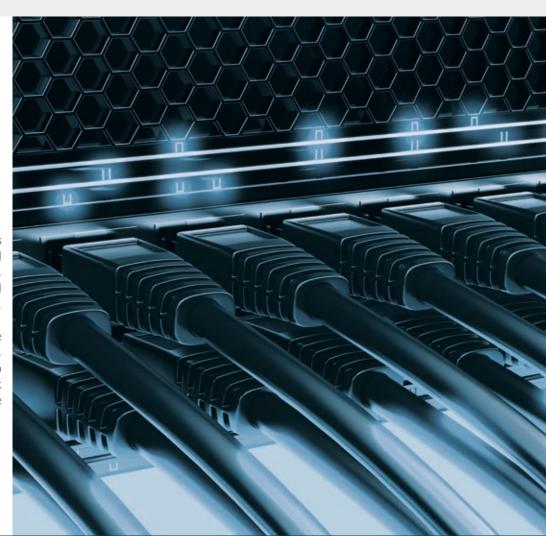# Everything under Control

**The highly automated press control system EAE Control is extremely flexible and can be optimally adjusted to any press requirement. EAE Control meets the standards for control systems and is extremely powerful. When required also control systems of other manufacturers can be used. EAE Control is open and flexible for many applications.**

**EAE Control controls the basic functions of your press, such as:**

- drive synchronisation with angular accuracy
- registers
- ink feed
- air supply for the turner bars
- cut-off knives
- reel stands, and so on.

EAE Control controls the rotary press using industrial standard hardware and standard programming (IEC 61131-3, C, C++). This ensures easy and economical service and maintenance for all systems.

True to the concept of separate control of individual printing sections, the networks are also separated into sections. Rare (but possible) network problems in one section therefore have no effect on neighbouring sections.

## Your benefits:

- Increase of production reliability
- Minimisation of production downtime
- Shorter downtimes because of fast and adequate troubleshooting
- Cost savings by minimising waste
- Cost savings by using standard industrial components
- Investment and planning reliability due to long-time hardware and software support

Independent of that, the section-wide control of production runs, meaning the integration of neighbouring printing units on one and the same folder, is still possible.

EAE Control works on the basis of real-time-capable industrial networks. This provides for extremely short response times for control commands; control corrections are executed in a fraction of a second. So EAE Control reacts to a "stop" command immediately – and not after a delay of seconds.

The following elements have been integrated in the workflow of the automated control systems of EAE Control:

- all conventional drive systems (with and without shafts)

- one or more service PC's, which you can use to analyse and correct remote errors (and which you can also use to perform a program update)

- a database-assisted messaging and logging system in which all rotary press information data (process and production data) is stored, structured, and evaluated (see also the EAE product brochure on Info).

- all the external systems used in the printing press such as register monitoring, washing systems, etc.