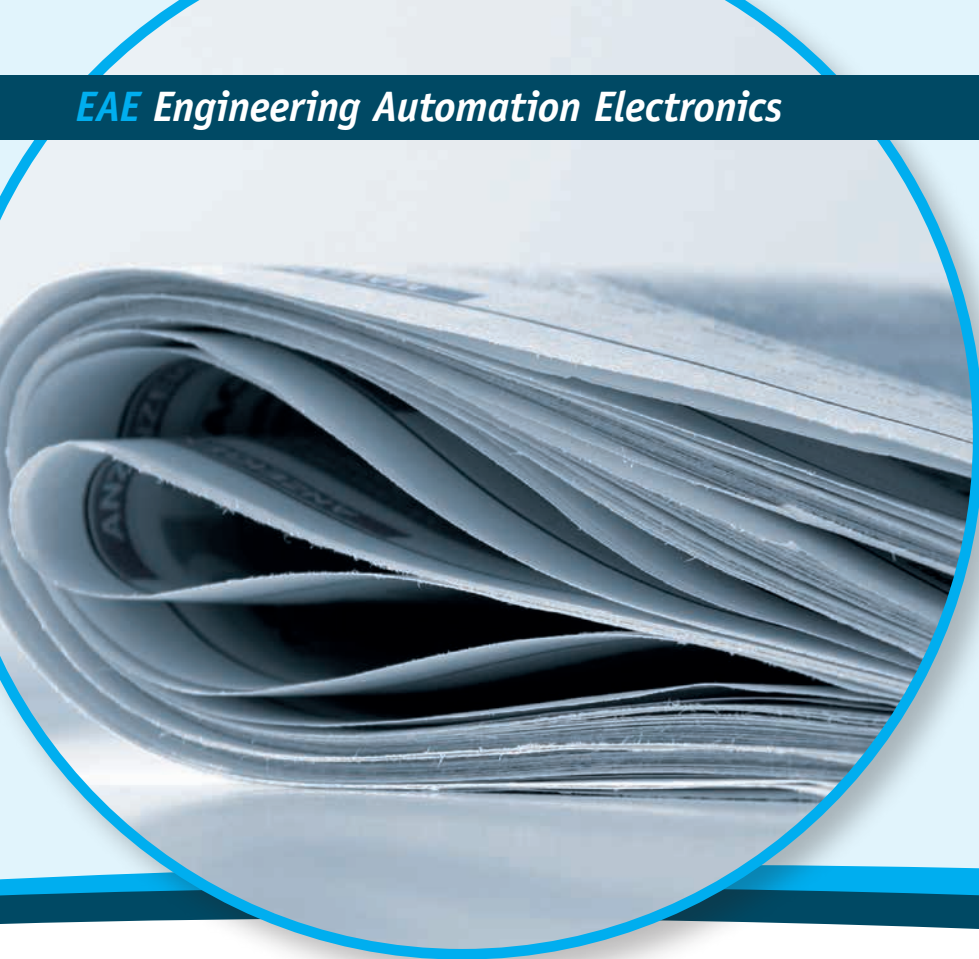


*We make print happen*



**EAE.**  
[www.eae.com](http://www.eae.com)

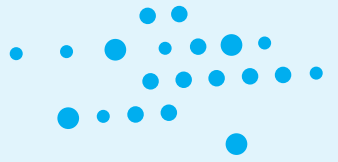


**Vision**

EAE Engineering Automation Electronics GmbH (EAE) develops and supplies high quality and innovative automation solutions and automation technology for the graphic industry. Its systems are being sold globally by a dealer network and subsidiary companies. EAE wants to be a partner to her customers in offering specific solutions optimizing their production line with the main goal of decreasing the use of materials and increasing quality and efficiency.

**Mission**

EAE enables its customers to produce higher quality prints in a shorter time and more cost efficient, by; Offering its customers high quality, innovative, automation solutions and technology, that automate the manual print process, improve the print process, save on raw material, gain valuable uptime, bring down the costs, obtain the fastest return on investment possible, and give insight into the quality of the production and the planning, and by; delivering high quality, reliable and adequate lifetime support and service: always, everywhere and at the right time.



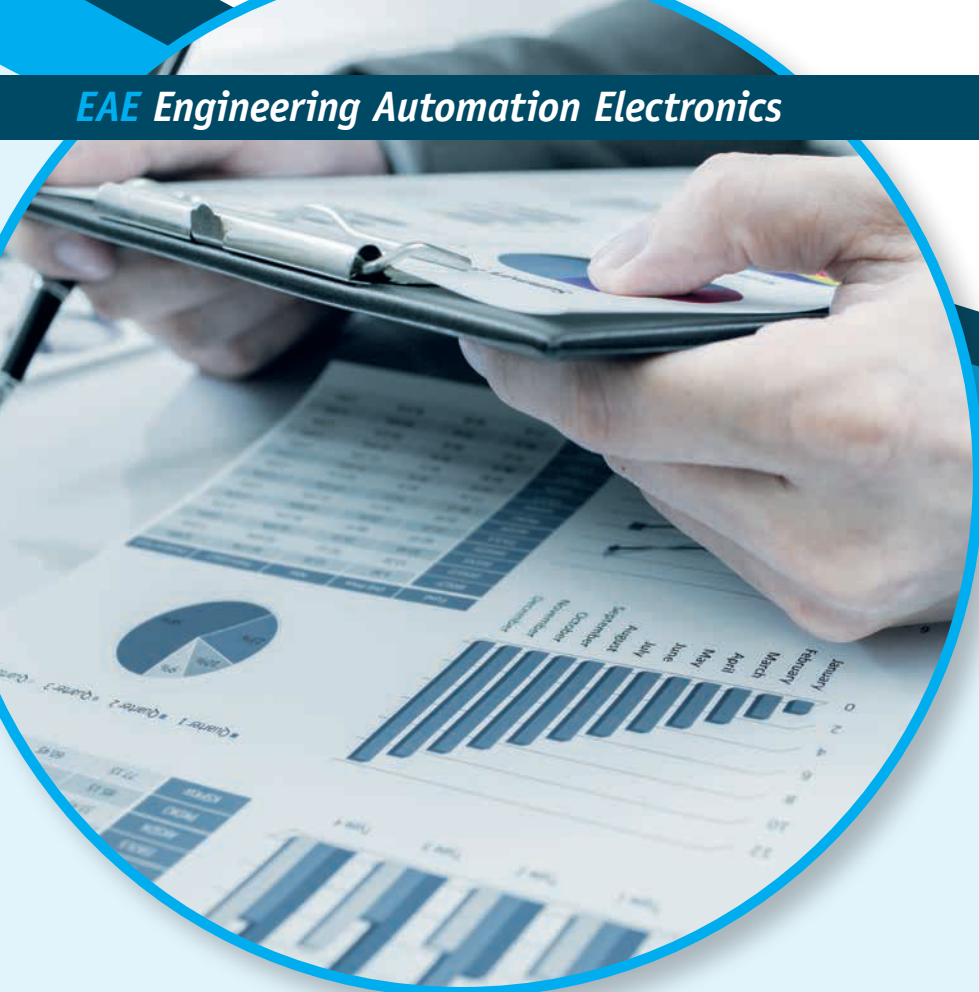
**We make print happen**

In the process of newspaper production every step must be right. We have understood this process and implemented it consequently in our products. The resulting products and solutions facilitate your production and enable you to produce economically. From planning via Control down to the management system.

EAE is the leading supplier of controls, automation solutions and software for newspaper printers. EAE solutions are being used in all areas of a newspaper printing plant - from pre press to mailroom. Worldwide more than 500 newspaper printing sites are using EAE's controls. Using these controls our customers produce more than 125 million newspapers per day.







- Considerable reduction in waste
- Reduced maintenance costs
- Greater production security
- On-time control through transparency in production
- Increase in processing customer orders
- Reduction in labour

#### Control Console

The retrofit modules EAE Control Console and its software allows you to control the press and all its functions from a central location. In addition it is also possible to drastically reduce waste by using a press control system.

#### Control & Drive

Press control based on state-of-the-art PLC technology is a basic prerequisite for retrofitting aimed at maximum production security.

#### Reelstand

Modernising your reelstands will increase the balance quality of the reel and stabilize your production in the reel basement so significantly (fewer web breaks) that staff resources can be utilized better elsewhere in the pressroom.

Have you been using your presses for years without many problems? Although the mechanical condition of the press will have decreased with the years, this may not justify them being discarded.

EAE offers a complete upgrade of your existing press so it can meet current production requirements again: all at just a fraction of the cost of a new investment

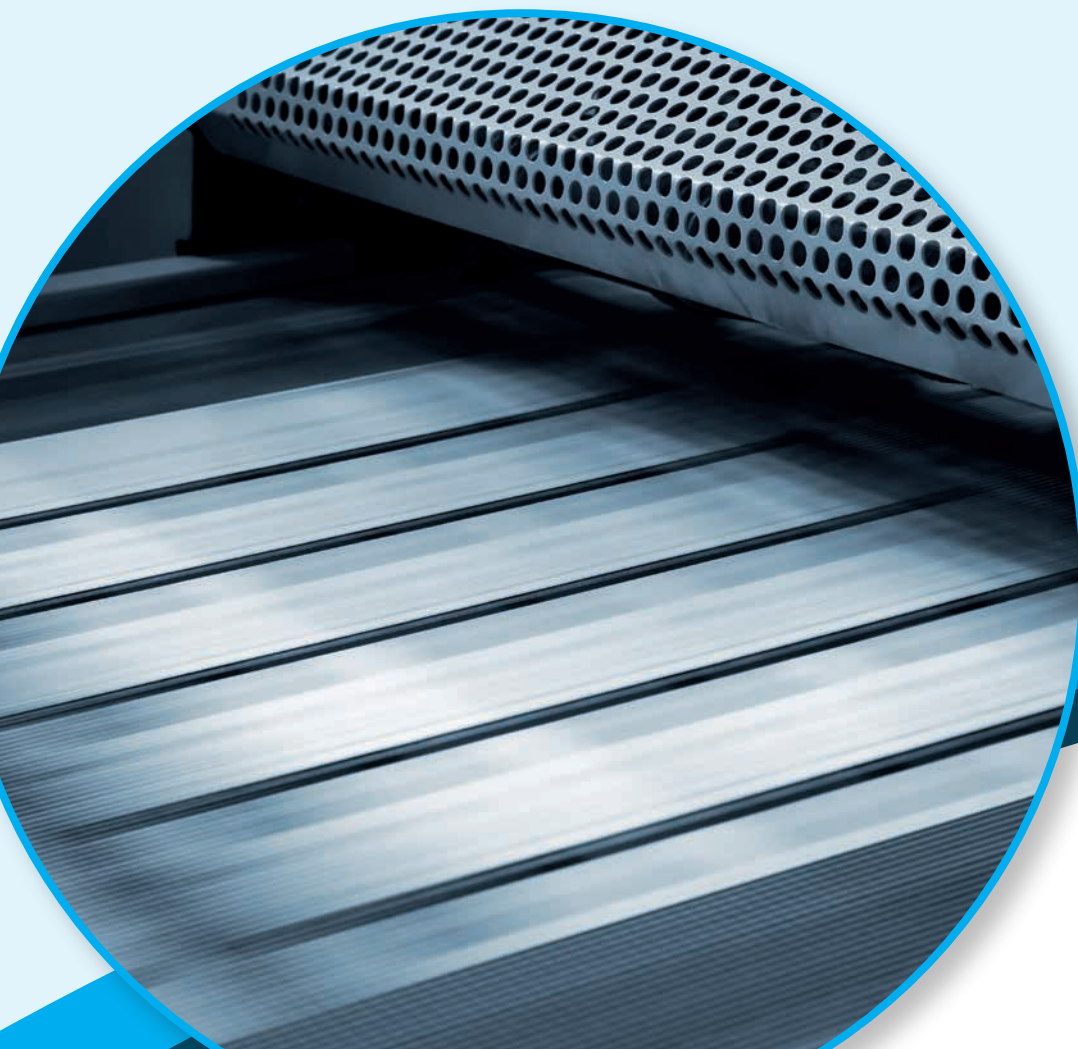
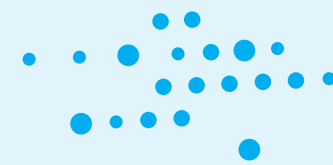
#### Colours

Printing more colours will increase competitiveness in the market. Printing more colours means adding additional printing units. In cooperation with well-known partners in the printing industry, we can integrate additional units in your press and your production workflow.

#### Remote adjustment

If you upgrade to new ink rails and registers, you will already have created the prerequisites for the remote control of ink, water and registers. Your new EAE Control Console will now enable you to operate all the remote-controlled aggregates on your press centrally. We will provide the necessary interfaces.





### Control Console

EAE Control, which is operated by the Control Console, controls your press very fast and extremely precise. Through the high speed of the control it is assured, that all commands will be executed immediately and thus waste is saved.

### Control

The highly automated press control system Control utilizes a thoroughly decentralised control concept: Every print unit has its own control computer, and all the higher level, backup-capable control computers of one printing unit are in turn controlled by a common control system, the "EAE Section Control".

### Info

To ensure a newspaper production process that is technically smooth as well as economical, Info collects and analyzes information, analytical data, and statistics in an optimal way - a convenient messaging and logging system that collects, structures, and analyzes your actual press data.

### Riga

The EAE Riga system is a modular automation concept for web offset printing presses with a low degree of automation. The system provides you with central visualisation and operation of all major elements which impact the print layout.



**With the Control Console you operate the entire press with ease. The logically designed user interface and practical add-on functions help you streamline processes and minimize sources of error – and thus cut costs.**

**The Control, which is operated by the Control Console, controls your press very fast and extremely precise. Through the high speed of EAE Control it is assured, that all commands will be executed immediately and thus waste is saved.**

**During production the messaging and logging system Info tells you what is happening in your production environment at the moment, what does not work and what will happen next. Reliable, comfortable and clear.**



EAE offers two solutions for saving waste tailored to your needs. Thanks to the optimal presetting with the systems EAE Print or EAE PrintPP you save time and money. After defining the production EAE PrintPP calculates the preset values of the press. Therefore sophisticated preset algorithms can define optimum values for ink zones, cut off registers, and web tension.

An even higher automation is offered by the EAE Print system. Print is the highly integratable workflow solution for industrial newspaper production. This is especially obvious in the intelligent and productive production planning and the minimisation of preparation and shutdown times. Even for complex newspaper structures.

Print optimises the plate production and thus helps to reduce costs.



#### Print

Planning, presetting and visualising: EAE Print is the operational 'heart' for your workflow. An independent, highly integrated system that utilises the full potential of your press. Efficient and clear, quick to learn and easy to use.

#### Print PP

EAE PrintPP is the solution for printing houses that want to automate their lean production processes – and for whom EAE Print would be too complex. EAE PrintPP supports newspaper production on two levels: presettings for presses and production planning.

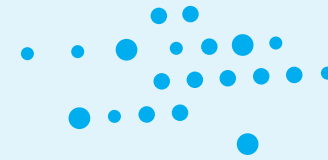
#### Softproof

EAE Softproof shows you immediately what you want to print – without expensive, time-consuming hard proofs and that for any page. This way you receive a true colour template for the colour setting of your press.

#### Print Image

EAE Print Image means fully automated prepress control - from the receipt of the digital pages to the issue of the finished plates. Based on print production planning, EAE Print image always guarantees economic plate production with optimised production times and increased production safety and quality.





### VIP

With V.I.P. (Visual Intelligent Plant) you can plan and visualise your total production process from prepress, press till postpress. Perfect interaction of the different components ensure that the workflow is optimised, efficiency is increased and processes remain transparent.

### Maintain

Protect yourself against unwelcome surprises with Maintain, the structural service and maintenance tool for all your operational systems. So you can take effective measures to prevent such unwanted incidents.

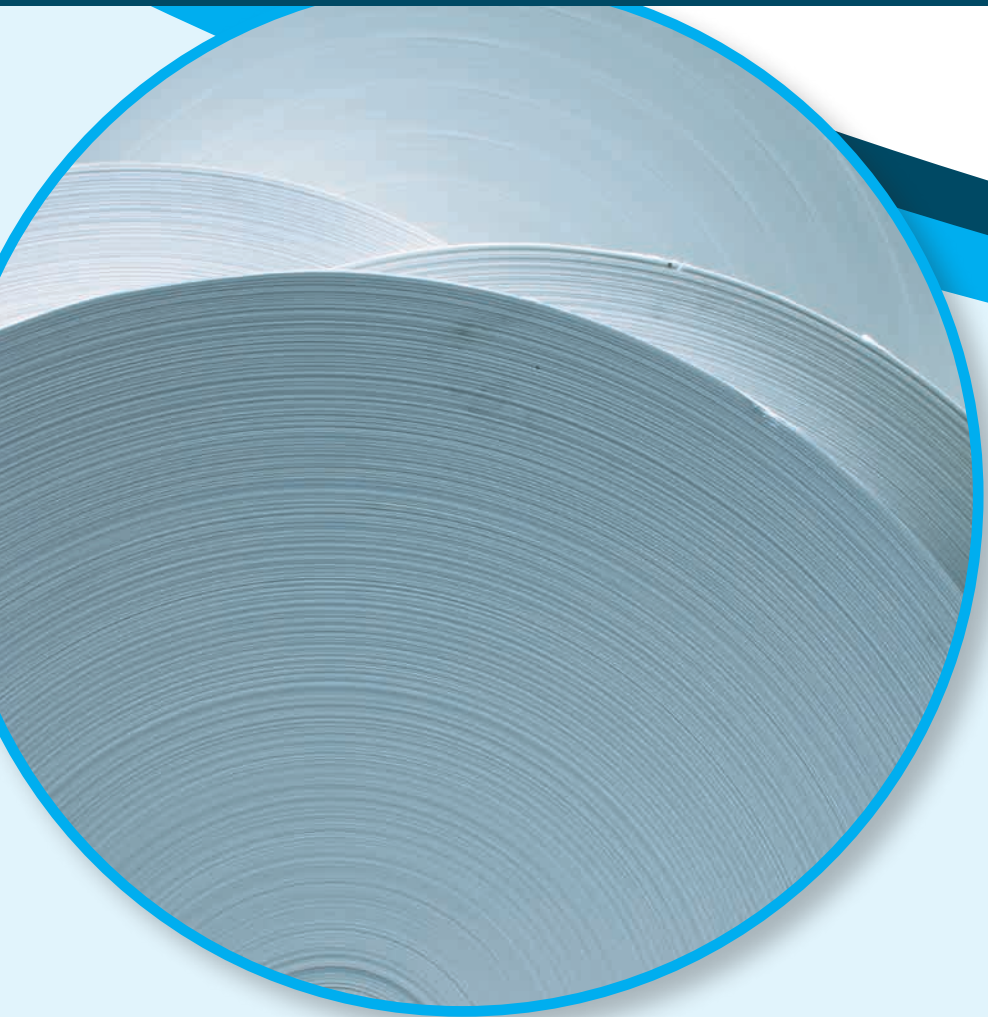
EAE offers solutions that can assist management to make founded decisions to improve the production process and quality of the printed products.

The V.I.P. software is the complete solution for an end-to-end workflow in newspaper production. EAE's software solution V.I.P. is the result of many years of experience with more than 500 newspaper printing houses. V.I.P. is a unique, modular planning and statistics system that covers all the departments of a printing facility.

Maintain provides for structured service and maintenance for all your operational systems. It is based on a database and can be integrated in a highly automated workflow.







Reel Management automates the whole workflow around paper consumption and reel logistics.

The EAE ReelData administrates the whole process. So you have overview and optimize your storage capacities, reel consumption, and purchasing of materials.

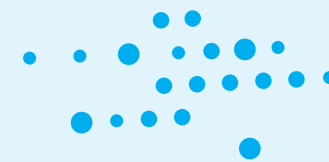
The reel transport logistics system EAE MaFlow automates and optimises the material flow in the printing house. From unloading the truck to controlling preparation of the reels, intermediate storage in the short-term storage area until they are loaded onto the reel stands.

**Reeldata**

For a clear administration of paper and reel storage, EAE provides the ReelData solution. Considering the jump in paper prices, this is an investment that will pay off. EAE ReelData records and administers all the necessary data from the workflow of a reel, from delivery to reel stand.

**MaFlow**

The EAE MaFlow solution efficiently automates the entire reel transport and reel logistics through data interchange with the EAE systems Print, Info, and the reel stand. The target data for the paper consumption planned in Print is continuously compared with the actual consumption.



**IDS-3D**

IDS-3D is an "All-in-one" fully image based colour and register measuring and control system that also detects failure in print. It uses the information in the TIFF files as a reference to ensure absolute colour and register stability throughout the print run. 'True Colours' are now a reality.

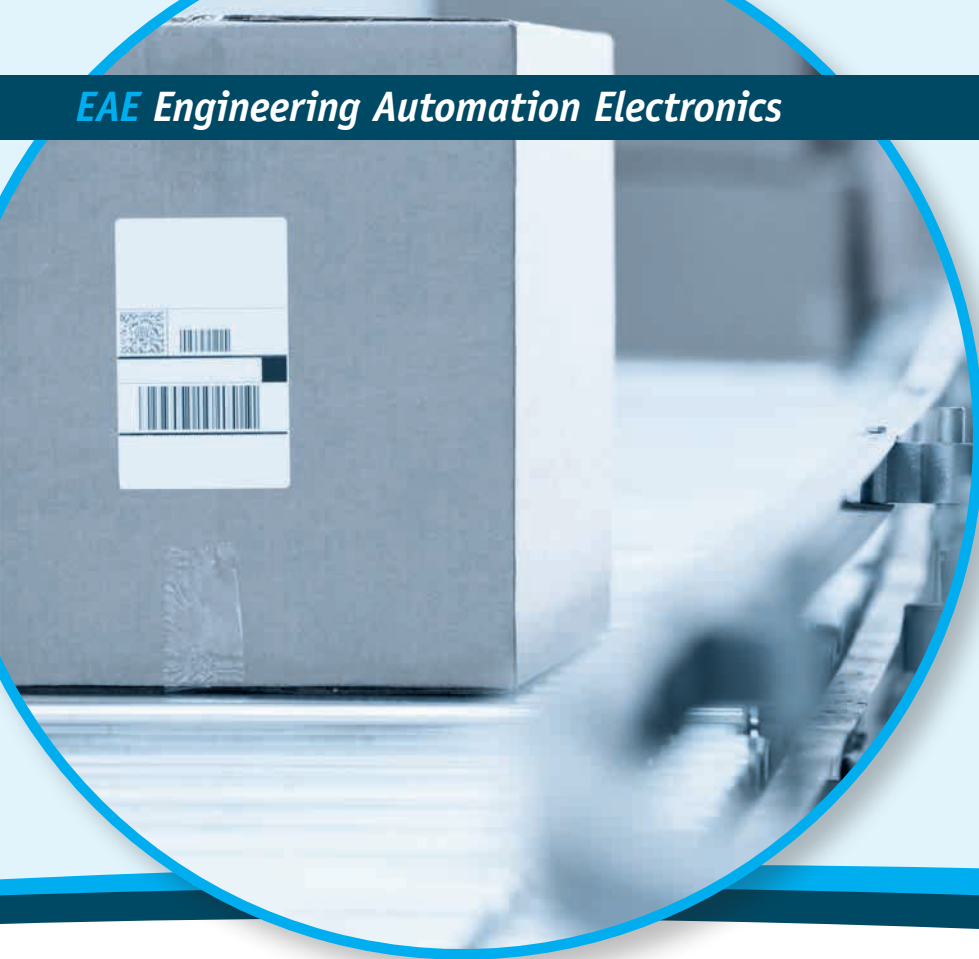
The ultimate result realised by IDS-3D is reproduction of print with absolute colour and register stability in products independent of job, printing company or press at minimum waste and labour and maximum efficiency.



With the partnership between EAE and Q.I. Press Controls the requirements of the printing industry can be met in an even more comprehensive way. Through the expansion of the product portfolio one has become an even more interesting business partner to customers. By joining together and pooling the abilities of both companies, the goal of simplifying the steadily growing complexity of the printing process through the use of innovative concepts is getting closer.

Q.I. Press Controls develops and delivers innovative, high quality optical measure and control systems. They are globally active in the newspaper and magazine printing industry and their total solutions are supported by a worldwide service network. These reliable systems are proven in the market of existing and new printing presses and offer our customers structural better results.





- **Automatic and faultless sorting**
- **Optimisation of throughput times**
- **In-time provision of the items**
- **Efficiency increase of the flow of goods**
- **Highest availability and operational reliability**
- **24/7 phone- and online support**
- **Minimising of complaints and return deliveries**
- **Reduction of costs**
- **Increase of the customer satisfaction**

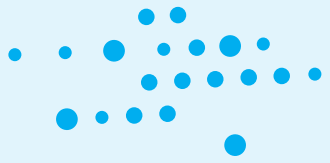
#### **Flow.Master / Flow.Commander**

The EAE Flow.Master imports transport- and sort orders from the Warehouse Management System (WMS) and controls the entire conveyor- and transport components in an optimal and intelligent way.

The EAE Flow.Commander offers beside the graphical representation of the current operating status also statistic- and reporting functions using modern tablet operation

#### **Flow.Control**

The EAE Flow.Control controls the conveyor system in hard real time. Drives, light gates, barcode scanners and operating buttons are integrated in this reliable control system and are precisely controlled to the milliseconds.



EAE utilises its know-how and long-lasting experience from the graphical industry for other complex and time sensitive industrial applications. EAE Flow is a solution for the Intralogistic where items are automatically transported safely, reliably and with pinpoint accuracy.

EAE Flow imports the data for sort and transport orders, identifies items via barcode scanning, controls the entire sorter- and conveyor technology and ensures a secure and exact transport up to the exit, fully automatically. Thereby EAE Flow also takes over the order identification. This means that items will be sorted fully automatically, correctly and with highest efficiency.

Furthermore our service- and support organisation is available 24 hours, 7 days a week. The hotline is manned with qualified personnel for immediate phone and online support.



The Ahrensburg-based company is active in graphic industries, automation solutions and automation technology. The company was founded in 1962 by Richard Ewert.

Supported by a global service network, EAE delivers total solutions for web offset presses in the printing industry. From prepress to mailroom, EAE provides solutions that not only lead to production reliability, but to enhanced performance as well.

For more information on EAE please visit: [www.eae.com](http://www.eae.com)

#### Innovation

Developing and producing innovative controls, automation solutions and software is a continuous process. A process where the sum of hi-tech products and systems brings new possibilities. To be able to maintain our market leadership in this area, we will continue to act at the centre of all developments. EAE's R&D developments bring the "lights out" concept ever closer. Our customers will be closely involved in this and will be able to use the results to redesign their own business operations.

Our innovative systems help us strive for perfection in printing processes, work more efficiently and save raw materials and time, keeping the costs of production low. These innovations help you, our customer, to always stay two or three steps ahead of your competitors.

#### Exploring new options

And EAE continues to develop in the fields of technology, expertise and service. Our constantly growing team of enthusiastic professionals ensures that the quality of printing improves and that our customers' end product is the best that can be found.

