

FROM PIXEL TO OUTPUT

Durst's 'Pixel to Output' is a uniform concept to meet the requirements of the fourth industrial revolution and the future Industry 4.0 standards.

All printing systems are equipped with the new Durst Workflow production software solution and the monitoring tool Durst Analytics, turning the printer into a networked production unit from day one. Durst also offers

the Durst Smart Shop, a scalable solution that integrates e-commerce. All Durst software can be extended modularly and managed via a web-based user interface.

W

DURST WORKFLOW

A smart and lean solution for managing print production.

A

DURST ANALYTICS

Web-based monitoring tool for collecting job statistics and relevant production data.

S

DURST SMART SHOP

Web shop software with costing tools, realistic 3D preview, and print-specific product configuration.

W+

DURST WORKFLOW PLUS

Extension with comprehensive prepress functionalities for quick and flexible data preparation and simple data or job management.

A+

DURST ANALYTICS PLUS

Server-based monitoring software for networking multiple printing systems and for integration into production planning or ERP systems.

S+

DURST SMART SHOP PLUS

Extension with an innovative online graphical editor, which allows print layouts to be created directly in the browser and realistically displayed in any environment using augmented reality.

With Durst Professional Services GmbH, Durst offers comprehensive consulting, training, and integration services for the new Durst software solutions to enable its customers to exploit the full potential of process automation and digitalization.

For more information visit
durst-group.com/4.0



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INDUSTRY 4.0

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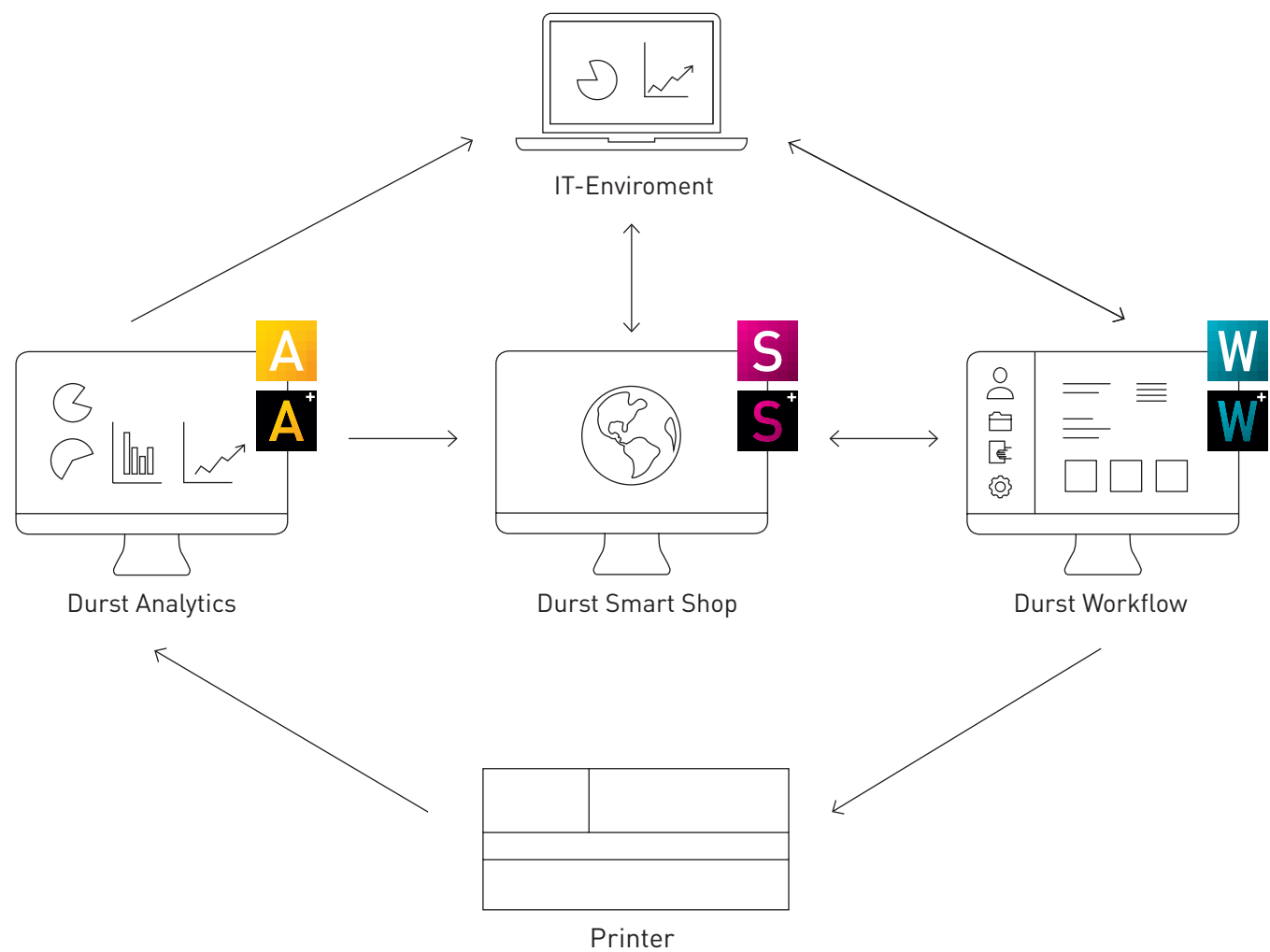
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INDUSTRY 4.0

The concept of Industry 4.0 describes how industrial production is interconnected by modern information technologies to form one complete system.

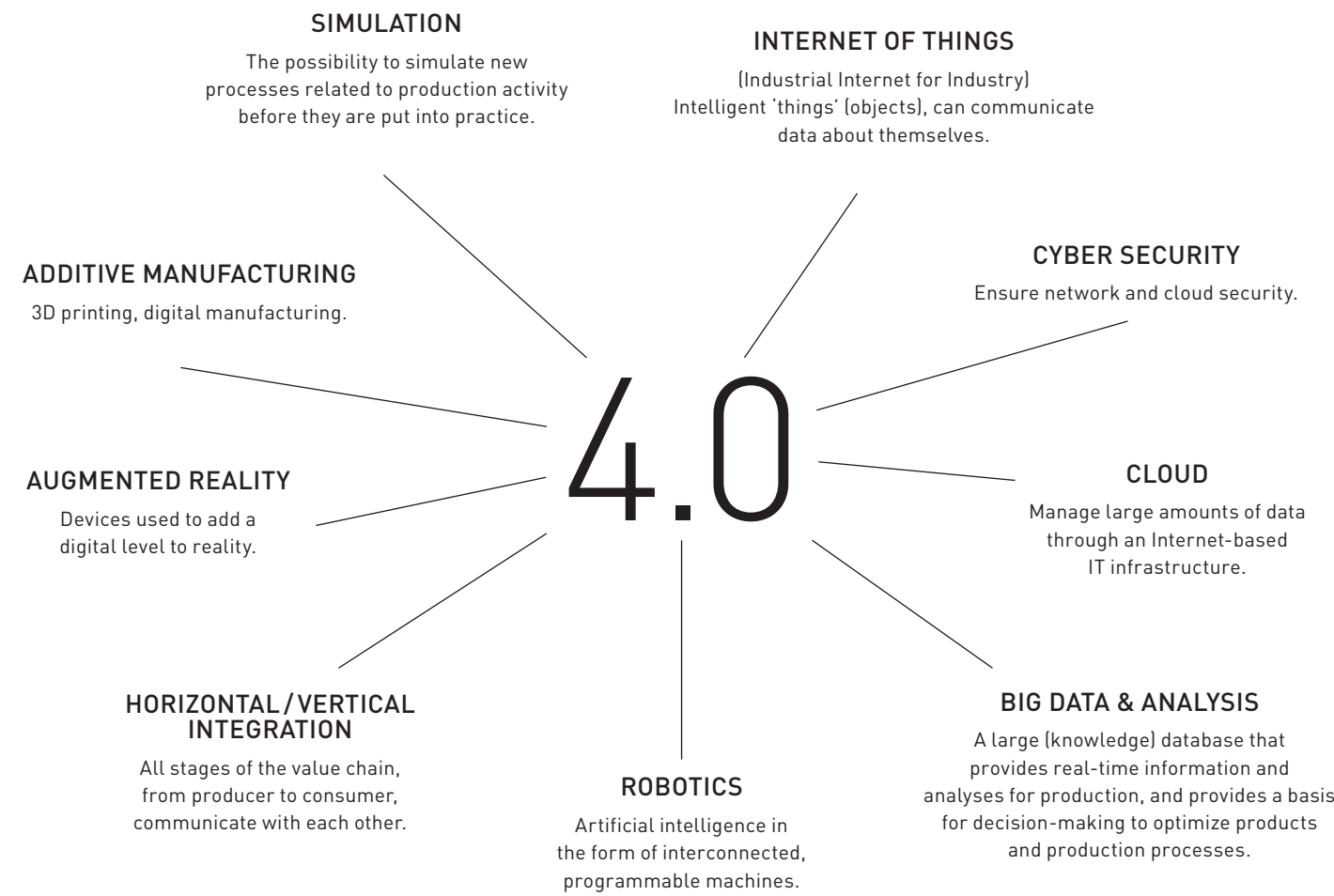
The digitalization and automation of machine-to-machine and human-to-machine communication, the use of artificial intelligence, and continuous technological innovations allow new, fully integrated production lines to improve workflows, create forward-looking business models, and increase productivity and quality in the long term.

THE DURST INDUSTRY 4.0 SOLUTION

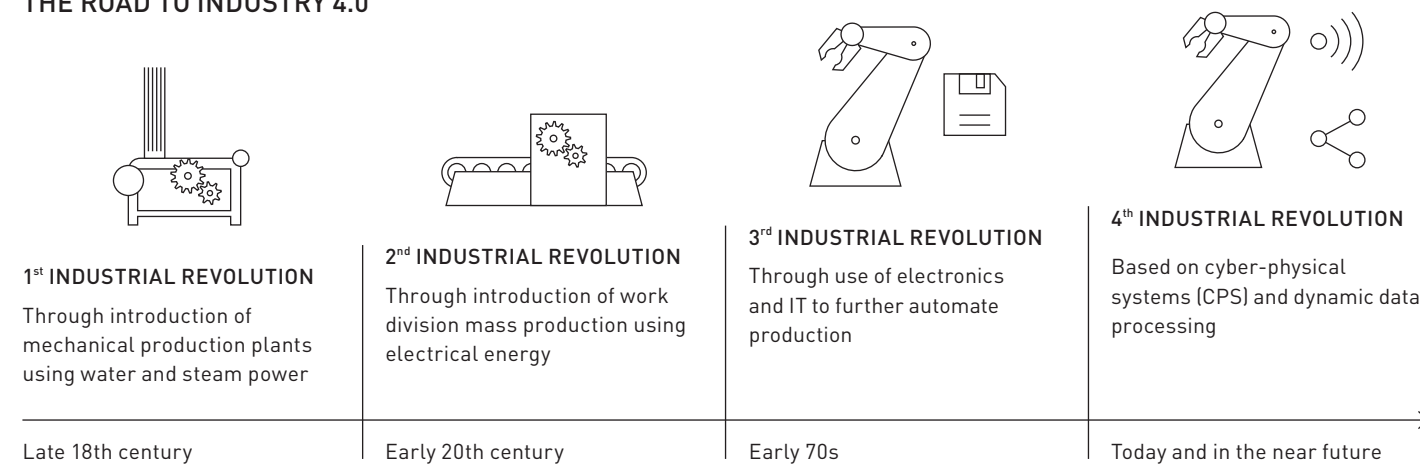


INDUSTRY 4.0 TECHNOLOGIES

In the Industry 4.0 vision, machines and software systems communicate directly with each other. The technologies required for this to happen are already available today. To tap the full potential, systems must be intelligently inter-connected. This is the only way to create fully integrated and fully automated production environments (Smart Factory) that can organize themselves without human intervention.



THE ROAD TO INDUSTRY 4.0



INDUSTRY 4.0 BENEFITS

- > Reduced operating costs**: Machines and sensors communicating with a central IT system allows for a significant increase in efficiency and optimum resource planning.
- > Lower maintenance costs**: Improved connectivity enables preventive service concepts that lead to lower maintenance costs and reduced downtime.
- > Improved decision-making**: Availability of criteria for decision-making for the development of products and control of internal processes.
- > Greater customer satisfaction**: Optimized production planning and adherence to delivery deadlines.
- > Continuous improvements**: The most competitive manufacturers continuously improve their production and business processes to ensure safety, quality and productivity in their plants. At present this is largely a manual process. Digital technology can be used as a tool to analyze activities, make them more efficient, and provide reports relevant to all management levels.