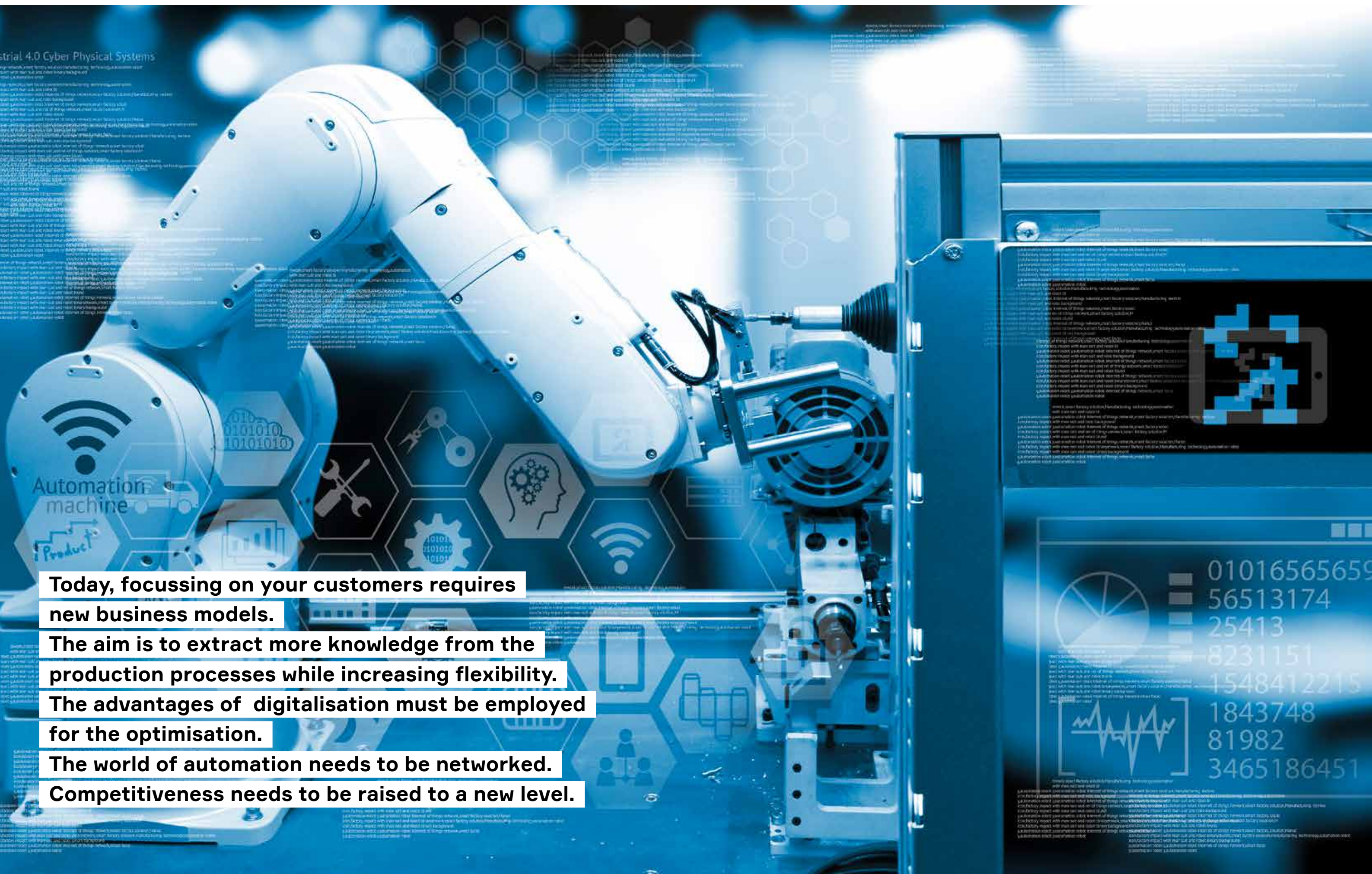




Safeguard your  
competitive advantage  
with the XAMControl  
Production  
Control Station

→ **XAMControl** – crossing the gap between production and ERP





**Industrial 4.0 Cyber Physical Systems**

**Today, focussing on your customers requires new business models.**

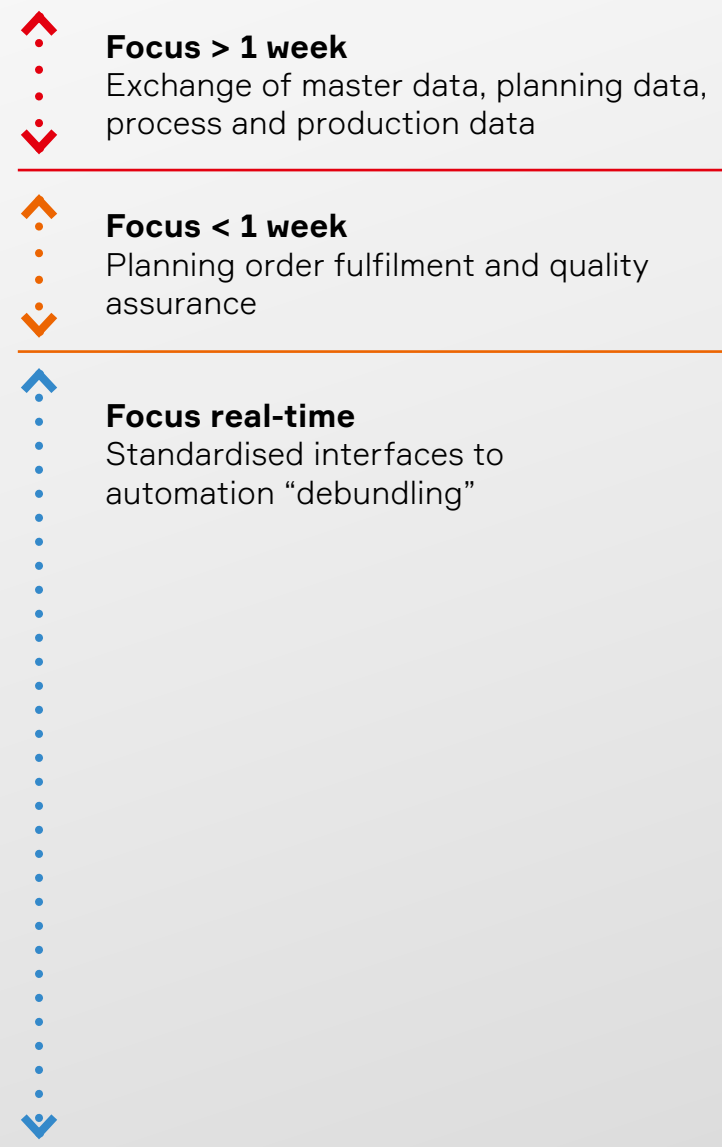
**The aim is to extract more knowledge from the production processes while increasing flexibility.**

**The advantages of digitalisation must be employed for the optimisation.**

**The world of automation needs to be networked.**

**Competitiveness needs to be raised to a new level.**





ERP

MESControl

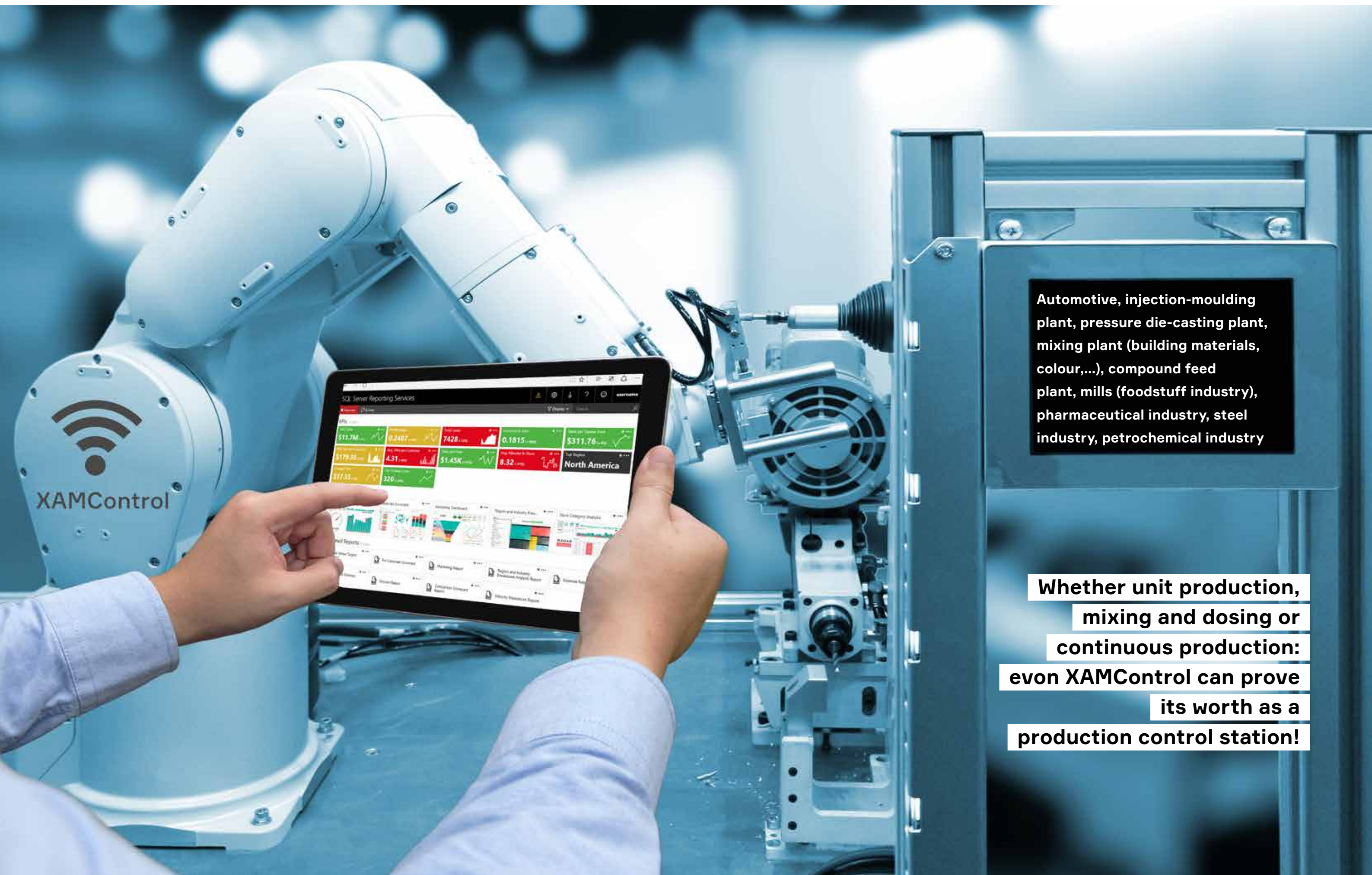
SCADA/HMI

SPS/PLC

Input/  
Output  
Signals

XAMControl

evon XAMControl  
combines as a MES the  
world of management with  
the world of production.  
You benefit from a  
reliable basis for your  
decisions and are able  
to act proactively in  
the future.



Automotive, injection-moulding plant, pressure die-casting plant, mixing plant (building materials, colour,...), compound feed plant, mills (foodstuff industry), pharmaceutical industry, steel industry, petrochemical industry

**Whether unit production, mixing and dosing or continuous production: even XAMControl can prove its worth as a production control station!**



No more complexity for the user,  
no more interfaces and no more  
separate data storage. As soon as  
SCADA and MES are combined into  
one homogenous level, you will  
profit from the simpler operation,  
the improved extendibility and  
naturally also from all the other  
XAMControl advantages



## XAMControl Advantages

- **The best of all worlds from ISA S95 & ISA S88**
- **Completely built on a database**
- **Homogenously and seamlessly combined in XAMControl**
- **Redundancy (optional)**
  - Hot Standby
  - Simple configuration
  - Upgradeable at any time
  - Guaranteed data consistency
- **Cluster (optional)**
  - Operation in cluster network
- **Modules**
  - MES engine
  - MES redundancy (optional)
  - Material administration
  - Batch administration
  - Production stores
  - Goods delivery
  - Quality and laboratory tests
  - Process editor
  - Weekly planning
  - Gantt planning
  - Production job history
  - Tracking and tracing
  - Reporting basic
  - Dashboard / KIPs



### Flexible system configuration

#### All possibilities and restrictions at a glance

Debundling and the buzzword “batch size 1” requires a high degree of flexibility in the plant configuration.

XAMControl as a production control station offers you the required flexibility and supplements it with simple operation and an open architecture.



### Material and Batches

#### Raw materials are used to manufacture a finished product

Your process models the steps that are necessary in your plant to create a finished product from raw materials.

XAMControl adds to this everything that is state-of-the-art in a modern production plant: Material stock levels, raw materials. Quality assurance, release, delivery notes, tracing ...



### Production processes

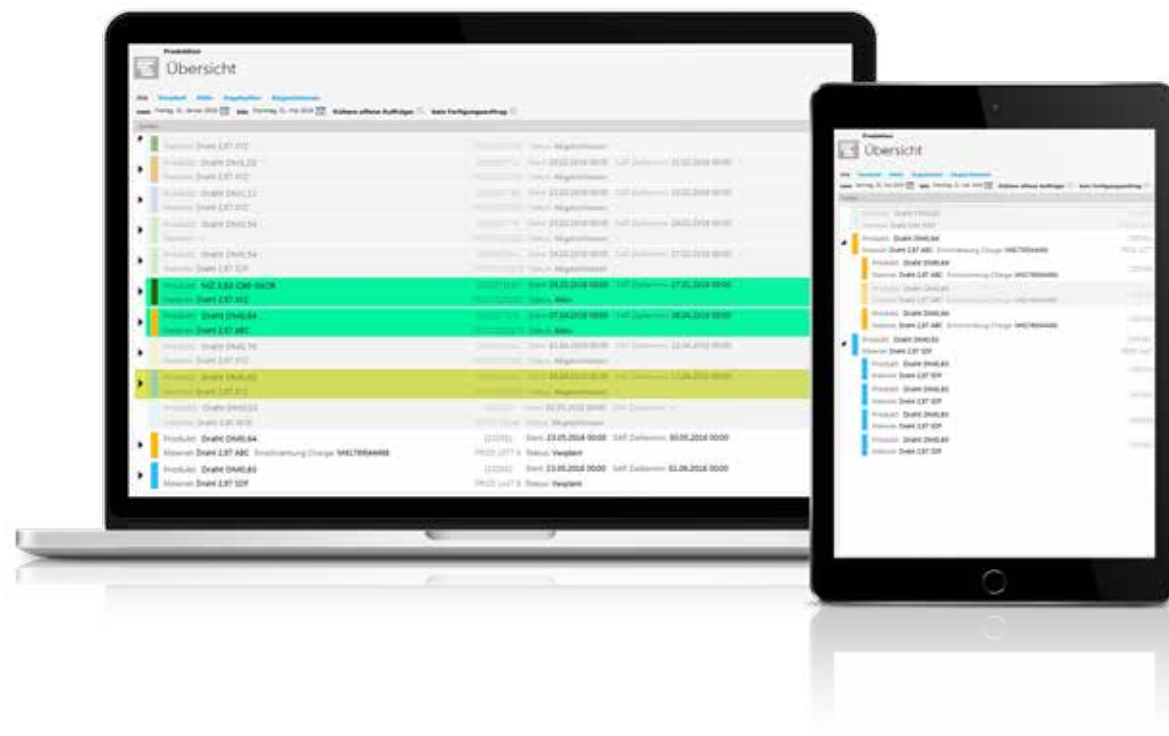
#### Freely modelled within the scope of the plant's possibilities

Every production process is freely configurable in XAMControl. You are only limited by the possibilities your plant offers. This extremely simply form of modelling enables processes and sequences to be tested (versioning) and to be adapted with the minimum of effort – you can find the feedback describing the efficiency of your adaptation in your XAMControl database.

### Order Processing

#### Online, also in ERP on request

The processing of orders using flexible plants and processes requires an automated flow of information to your ERP. This allows synergies to be recognised and exploited. If your ERP system can “see” what is being produced and where in real-time, you will then be able to intervene much faster and more efficiently.



## Production Planning Exploit all potential

Planning requires expertise: if your control room has access to all data (capacities, stock levels, set-up times etc.), then your planning will become simpler, more transparent and more precise. If XAMControl provides an adapted planning assistant for the optimisation of key processes, then you can begin to really exploit all potential.

## Live Production Visualised individually

Visualisation today is more than just a representation of the process. XAMControl enables you to link elements with live data and to execute changes in real-time - flexibly tailored and directly connected to your machine control.



## Quality Assurance and Sample Extraction Documented and released

Quality assurance primarily requires consistent documentation. To make sure you are on the safe side, you can store freely configurable checklists that must be worked through. And, depending on the result, that lead to a release or freeze of the processes.

## Traceability / Business Intelligence Strategic and operative

The seamless traceability of material and production flows with detailed recording is the foundation for strategic and operative business intelligence by XAMControl. All data are stored in the database and are presented in an easy-to-read layout in a mouse click.

## Tips for Successful Implementation

IT

Successive  
removal of the  
IT landscape

ACT

Think globally,  
start modestly

Include  
employees  
from all areas

TALK

Consider the  
communication  
capability of  
machines and  
plant

TEAM



