



IloT software solutions for intelligent production

IoT Industry 4.0 - Digital Factory & ITC Engineering

Increase efficiency & production with fully automated production

We **revolutionize production & logistics** in your company **with professional IloT solutions** & intelligent systems.

- ✓ For quick reactions in **real time**,
- ✓ a **high degree of automation**
- ✓ and high quality product & service

As **solution architects & experts for ITC structures**, we support you in all phases of digital transformation - from IoT **consulting** to **implementation** and **commissioning of fully automated manufacturing systems**.

With the help of real-time analyzes, intelligent condition monitoring and remote support services, you create **real added value for yourself, customers and business partners**.

This way you can react quickly to changing market conditions and customer needs as



required and **use the potential of the entire value chain** for yourself.

bintellix® – IIoT solutions for the smart factory & manufacturing

Your company's **resources and systems** are a **rich source** of unused data that open up **entirely new development opportunities**. With **Industry 4.0 software & technologies**, we give you access to this relevant information in 3 steps:

1. Analysis of your specific needs
2. Determination of undiscovered potential
3. Turn digital features into concrete results

Digital twins & smart factory 4.0 - added value at all levels

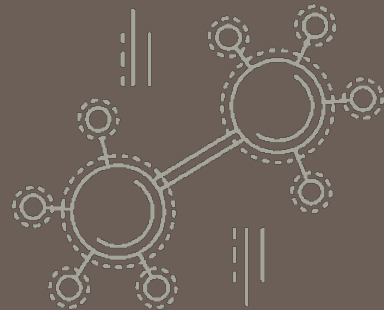
The **advantages of digital change** do not lie in digitization, but in the **intelligent connection** of all systems, machines, robots, sensors and devices (keyword: **networked production**).

Scalability, real-time capability, interoperability and IoT security form the foundation of a **powerful IIoT solution architecture**.

Thanks to **adaptive IIoT interfaces** and **high-performance IIoT software**, we enable **vertical and horizontal system integration** of all relevant processes involved.

And thus ensure **transparent, clearly defined and efficient processes** & systems in large and small production units.

In addition, with **bintellix®'s manufacturing solutions & its digital factory software**, you



will ensure operational **sustainability** and **resource efficiency** that create **new synergies**.

Powerful connections instead of hardly binded

Agile IT architectures & ITC engineering for smart factories

The advantages of AI, machine learning and decentralized networking are immense.

Predictive maintenance, low-energy manufacturing and scalable systems that **support the natural growth of your company** are just a few of many examples.

Our focus:

The continuous increase in safety & economy in your company.

Digital manufacturing & manufacturing 4.0

Take advantage of the **variety of possibilities** and options that Industry 4.0 opens up to large and small companies.

Coordinated processes, fully automated maintenance, timely anomaly detection - **the Smart Factory organizes itself** and simplifies the entire production and logistics management.

The result for your production systems:

- ✓ more flexible production processes

We create intelligence

We create the digital structures in your company for:

- ✓ seamless production chains
- ✓ shorter innovation cycles
- ✓ flexible and adaptive production processes
- ✓ highly automated processes
- ✓ efficient production controls
- ✓ Smart data for further process optimization
- ✓ consistent flow of information
- ✓ Information security at a high level
- ✓ correct use of AI and ML technologies
- ✓ visual display for control and analysis
- ✓ market-specific, individual offers
- ✓ more effective customer loyalty



- ✓ increased level of automation
- ✓ reduced failure rates
- ✓ improved quality management
- ✓ transparent process monitoring



Digital infrastructures & IloT software solutions

Modernize and secure your IT landscapes with a clean & **strong ITC architecture & transparent interfaces.**

IloT systems & components give companies in the IoT industry **sustainability, competitiveness and innovative strength.**

This is exactly where we start and offer you **well-thought-out concepts and needs-based solutions.**

How you can benefit from:

- ✓ future-proof ICT solution architecture
- ✓ highest data security
- ✓ flexible adjustments & extensions

The digital twin & the intelligent factory

Improve your **business performance** with IloT & Digital Twins.

Sensor data, test paths, product documentaries - the digital twin is based on a **treasure trove of real-time data**, which enable **risk-free simulations.**

However, digital models of manufacturing cells & entire factories are more than virtual images of physical objects & processes. They also



guarantee **high level of synchronization ability**
& **better testability**.

Your other advantages:

- ✓ parallelization of development and control
- ✓ Decoupling of specific problems of the analog & digital world
- ✓ specialized process chains for (physical & virtual)
- ✓ simplified configuration management

*Man and machine in dialog
- that is connected intelligence*

IIoT development & Industrie 4.0 solutions


bintellix[®] – Full service agency for ITC engineering & IoT industry

Decentralized intelligence is the concept for success on which **our many years of experience** in the **Industry of Things** are based.




We support you on the way to the **Smart & green factory** with personal advice, the **professional set-up & the seamless integration** of manufacturing systems and **agile process development**.

Further fields of application for connected intelligence:




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