



Elibot

BROCHURE



www.elibot.io

 Elibot S_e



SMIRI
Engineering

Industry 4.0 Consultancy



Shape the digital transformation and explore the vast opportunities of the industry 4.0

DESIGN THE SMART FACTORY OF THE FUTURE





Our Industrie 4.0 consulting has a human-centered approach based on a collaborative, iterative process with our customers in order to achieve sustainable competitive advantages and hire efficiency and value-adding results.

We partner with our clients to identify their highest-value opportunities, address their most critical challenges, and transform their enterprises.

As a strategic IT partner we accompany our clients into their digital future. From the very first step to a holistic solution - from sensor to cloud.

think big, start small and scale fast

OUR SERVICES



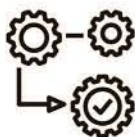
Design Thinking



Disruptive Strategies Guidance



Set Recommendations



Review Projects Execution



Set Technical Specifications

iSWI interactive
Standard
Work
Instruction



**ACHIEVE THE DESIGNATED OBJECTIVES
WITHIN THE PRESCRIBED TIMEFRAME**



iSWI

interactive
Standard
Work
Instruction

iSWI is an easy-to-use, **web based solution** which make work easy to train fast, reduce quality issues, and implement standardization, helping employees do work accurately, every time

FEATURES & BENEFITS

 Workflow with step by step instructions, task guidance with photos, illustrations, video, audio, drawings etc...

 Goals with Real-Time, Paperless Approach Increase productivity, reduce errors.

 Reduce production delays, time looking for instructions.

 Traceability & Error Proofing

 Accelerated Training



Customized IoT Design





Customized IoT Design

Let's create together...

You have a concept for a new product, or maybe an idea to reinvent an existing product using IoT technology. No matter where you are with your plans, we can help you succeed.

By partnering with us, you can focus on innovation and your customers - knowing that all design, supply chain and manufacturing considerations are in the hands of experts

Design expertise


Our design capabilities help accelerate time to revenue

- Product development
- Technology and component selection
- Integration
- Device management

Building devices

Our software and hardware specialists can help you put your design in motion and be ready for large-scale manufacturing.

- Manufacturing
- Inventory management
- Connectivity
- Security
- Gateways and PLC programmers
- Sensors and device installation
- Device registration and configuration



iPOS

interactive
Production
Optimization
System



A powerful Manufacturing Execution System with offer

COMPETITIVENESS, QUALITY AND TRACEABILITY





iPOS is a web based solution which supports manufacturing organizations in improving productivity and reducing production time and costs with realtime factory floor monitoring and supervision tool features .

FEATURES & BENEFITS

Productivity improvements

- Reduction of unit and process costs
- Improved cycle times
- Decrease of downtimes
- Fault prevention
- Increase in delivery performance
- optimizing capacity utilization and load distribution

Realtime Information

- visualization
- maintenance Notification
- feedback for planning system
- statistical process control

Data based decisions

- detailed real time data source for management and planning
- optimization of setup times and final costing
- complete order / product / batch tracking

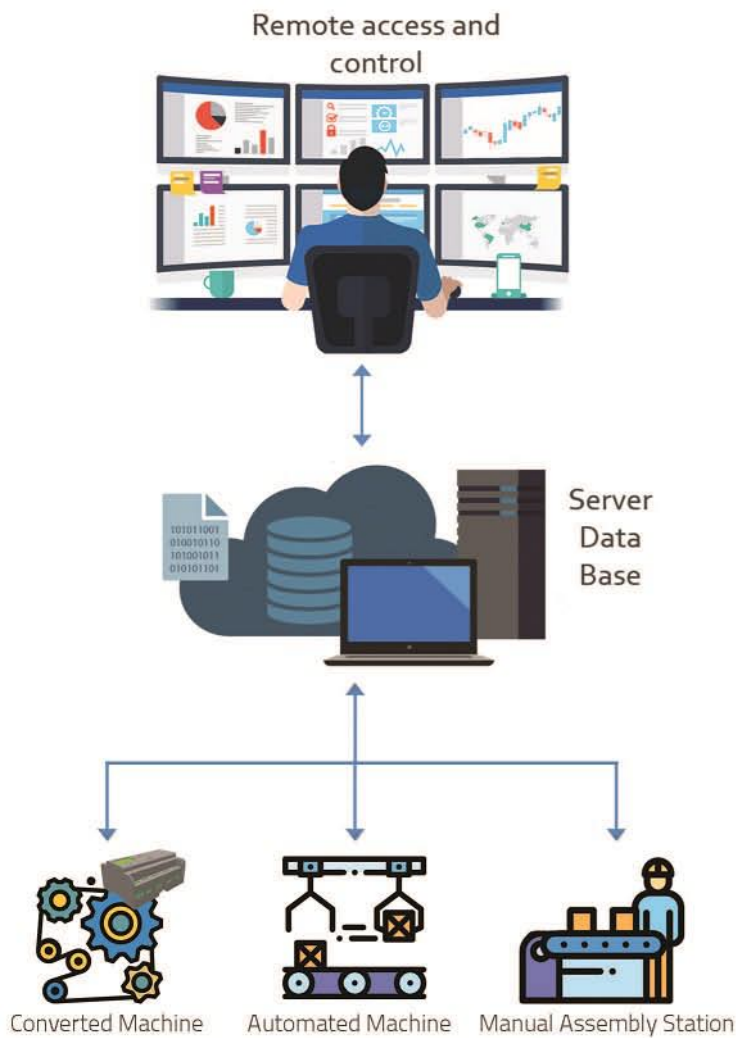
Quality and Compliance

- support of complain management
- quality optimization based on process data and continuous improvement
- quality management (ISO 9000, ISO/TS 16949)





ARCHITECTURE DATA DRIVEN MANUFACTURING



Data presentation

iPOS includes a webbased dashboard for data visualization that works with any browser, anywhere, on any device, and for any authorized employee.

Data processing

The monitoring tool consolidates collected data and saves it into a centralized database on a local server or on the cloud depending on customers requirements. The tool supports optimized and fast queries.

Data collection

The factory floor monitoring tool features a data collection system supporting common industrial standards enabling a complete independence of any manufacturer. Data collection allows quick and easy connection of all common PLC controls, measuring devices and sensors

MoniLog

Machine Log Monitoring



EXTRACT MEANINGFUL INFORMATION

and persist insights derived from the data, which can be used for analysis, review, and reporting



MoniLog

Machine Log Monitoring

MoniLog is a web based solution which is highly pluggable and enables centralized log management from many systems. It is integrated with external components such as MongoDB for metadata and Elasticsearch used to keep logfiles and enable text search.

FEATURES

- Collect, Aggregate, Index, Parse-Forensic-Visualize machine-generated data
- Monitor-Alert and Manage the entire logs operations
- Ready for enterprise level production
- Can work on data from any log source
- Enables real time log processing
- Enables parsing of unstructured data
- Extensible and highly customizable
- Offers an operational data hub
- Includes a dashboard and an alerting system
- Real-time log tailing
- Use tags (highlighted in your logs)
- Supports a variety of application and server logs



Extraction



Recording



Analysis



Monitoring

CONTACT INFORMATIONS

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