

An App 4.0 for manufacturing



DIGITAL WORKSHOP IN CLOUD AS EASY AS AN APP

We have created the solution **4.0**, as easy as an App, that speaks* to the production systems to save time and money

From the experience of more than 15 years of industrial automation, iProd MOP (Manufacturing Optimisation Platform) is finally born: the first industrial Cloud platform that boosts productivity, quality and production management for manufacturing companies of all types and sizes.

iProd MOP, available in FREE, iProd Cloud Professional, iProd IoT Tablet and iProd Mobile App versions changes the paradigm of production management. The goal is to create the Digital Workshop in the cloud thanks to a new concept of sharing know-how, growth of skills, availability and secure storage of information within the company functions and outside the company, integrating the supply chain.

With the iProd IoT Tablet version, developed in close collaboration with Alleantia, just to fix the tablet close to every machine to be controlled*. Immediately, an expert system will help the entrepreneur and staff without time-consuming configuration and training.

iProd IoT Tablet to boost your productivity

- iProd IoT Tablet is the Industry 4.0 solution that originates from a new IoT concept of production management, simplifying the creation of the Digital Workshop in the cloud.
- Easy to set up and use.
- The tablet is fixed on the machine and, thanks to the IoT, iProd IoT Tablet starts to teach-in autonomously, asking few information to the manager and the operator.

Company's encyclopaedia

Part-programs, interactive instructions for set-up, technical attachments, photos, written notes and voice notes are immediately stored and accessible for every machining step.

The best free Cloud**, forever

Your data are kept secure and available within the company and on the move, without any additional server or investment.



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*One IoT machine for one tablet. The machine can be connected with iProd only if the Alleantia's driver is available
 **Up to 100 W/O and 3GB every year, if associated with IoT Tablet iProd. Additional packages of 100 W/O and 3GB for a fee

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PRODUCTIVITY WITHOUT COMPROMISES

SHARING, ARCHIVING AND AVAILABILITY OF INFORMATION

Management of work orders, documentation, part-programs and work-cycles



THE TABLET

Display 10,2" TFT multitouch
Dual LAN Gigabit connectivity, WiFi connectivity
Windows 10 IoT OS
5 Mpx front camera
Embedded Stereo Speakers
VESA joint with adjustable bracket included
PoE – Cisco power supply

IoT MACHINES

PLC:

ABB
BECKHOFF
BOSCH REXROTH
FESTO
MELSEC
MITSUBISHI
SCHNEIDER ELECTRIC
SIEMENS S7
OMRON CJ2/NJ/NX
OMRON-FINS
MELSEC
ETHERNET/IP
OPC-DA
OPC-UA
MODBUS
PROFINET

CNC:

FANUC i Series
HAAS
HEIDENHAIN
MITSUBISHI
SELCA
SIEMENS 840D
BOSCH REXROTH
TRUMPF
MtCONNECT
OPC-UA
EUROMAP 63
EUROMAP 77

FREE CLOUD

Free virtual machine, Free iProd Cloud Professional**
No connected tablets limits
No registered users limits
No orders limits
Automatic updates

ADDITIONAL SOFTWARE

Personnel shifts planning
Advanced production reporting
Integration with ERP
Advanced condition based maintenance
Production planning with AI
AR/VR to support operations
Energy monitoring
Contextual Marketplace
Predictive maintenance and quality with AiProd



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Developed in
collaboration with



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