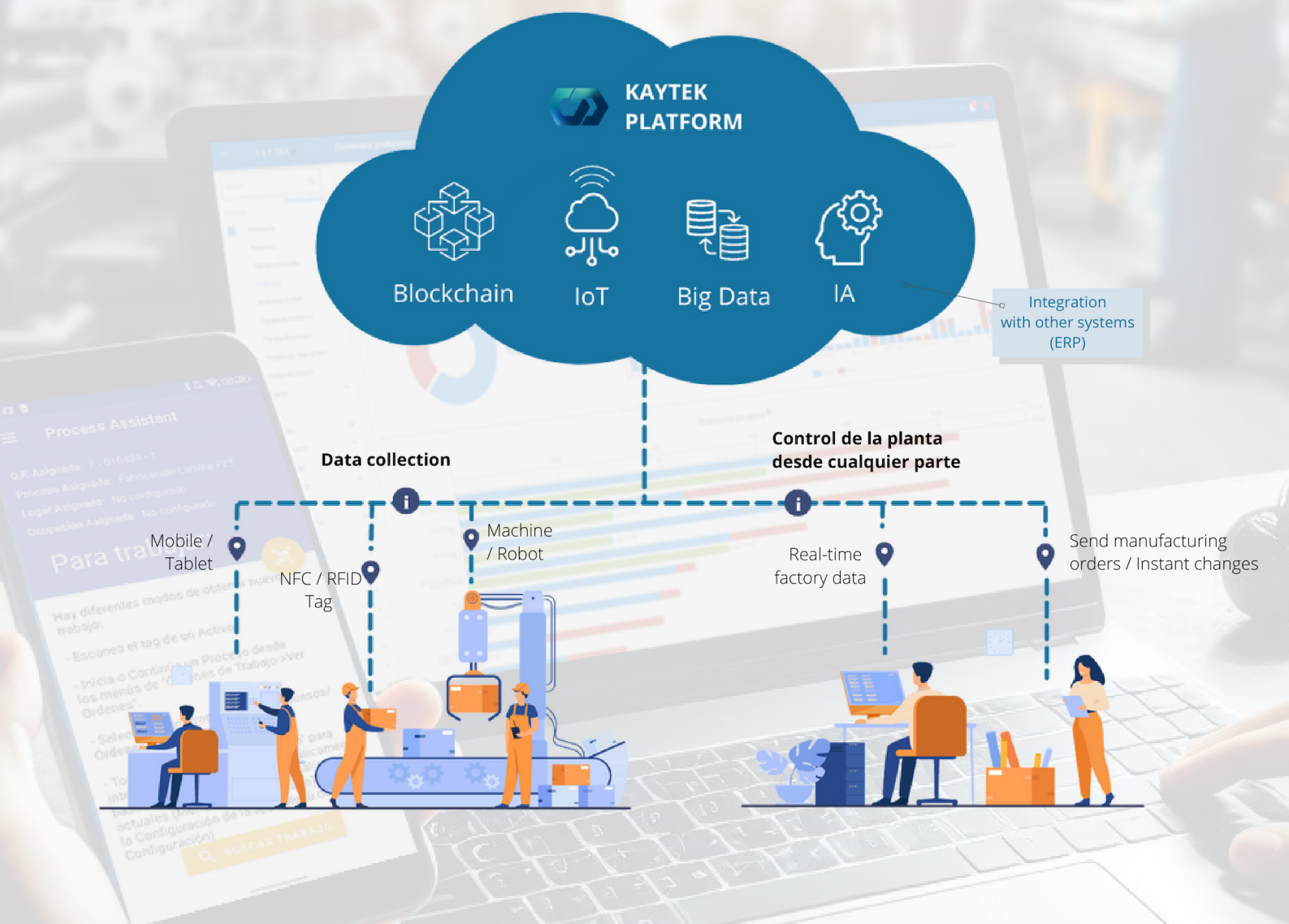




KAYTEK
smart digital business

TRANSFORM YOUR COMPANY INTO A SMART FACTORY

Kaytek Platform digitalizes your industrial processes, providing real-time control of your production and all your assets (machines, robots, people...).



The definitive step towards industrial digitalization

Blockchain, Big Data, IoT, and AI technology.

TECHNOLOGIES



BLOCKCHAIN



IOT



BIG DATA



**ARTIFICIAL
INTELLIGENCE**

Kaytek Platform is the first solution to natively integrate the main enabling technologies of Industry 4.0: IoT, Blockchain, Big Data, and Artificial Intelligence.

The use of the most advanced technologies allows us to undertake industrial digitization in an easy and simple way, with a "Return on Investment" of less than one year.

MAIN FEATURES



Bidirectional interaction with
machines/robots
IoT



Real-time information and
dashboards
OEE - Quality - Lead Time



Automation
and digitization
Paper elimination



Control and reduction of
costs and stock
Supply Chain



Planning optimization
Artificial Intelligence



Geopositioning and complete
traceability of tasks, parts,
operators, and equipment
Asset traceability



Operator training
reducing manual tasks
Mobile app



Production changes and
universal access from
anywhere in the world
Cloud Computing



HOW KAYTEK PLATFORM WORKS

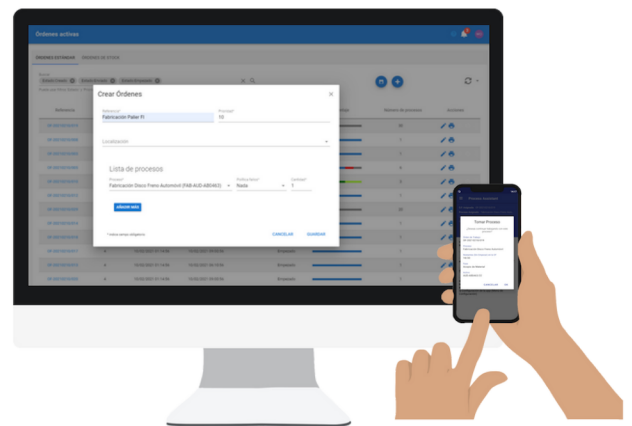
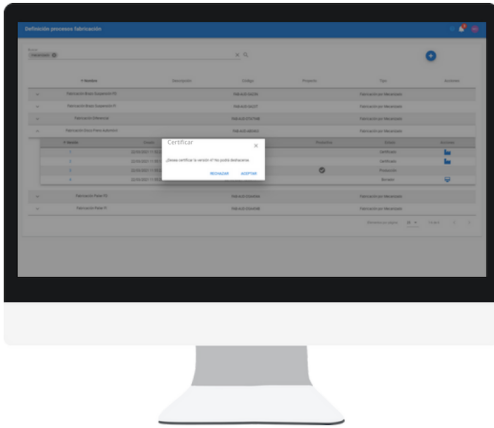
Phase 1: DEFINE

- Intuitively through the management system, the client defines the manufacturing processes with their phases, steps, and assets involved; machines, robots, people...
- The processes become digital, eliminating paper and allowing any type of change and versioning.



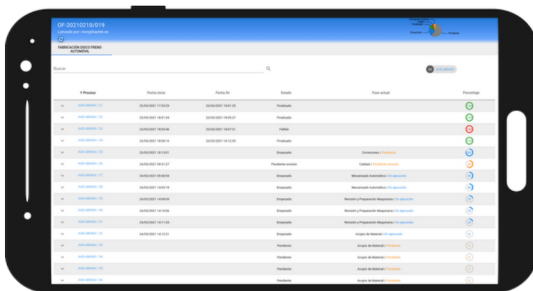
Phase 2: CERTIFY THE PROCESS

- Once the process is defined, it is certified by authorized personnel using their blockchain digital identity.
- The Blockchain's Smart Contract technology ensures the immutability of the data and the execution of the process as specified.



Phase 3: DEPLOY

- The client creates manufacturing orders and jobs by choosing the processes to be performed.
- Jobs are automatically generated and sequenced over time by the platform, using artificial intelligence to optimize production.



Phase 4: EXECUTE

- The instructions are automatically sent to the workstations. People, machines, or robots are guided without human intervention to meet the manufacturing objectives.
- IoT and Artificial Intelligence technologies monitor any type of asset in real-time, providing complete traceability of plant operations.

Phase 5: MEASURE RESULTS AND IMPROVE

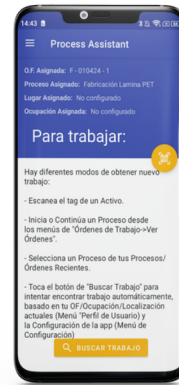
- The Big Data and Artificial Intelligence module constantly evaluates processes and jobs, providing a comprehensive view of what is happening in our factory.
- Kaytek Platform facilitates making optimized decisions to improve production processes, product quality, and early resolution of issues.



HOW KAYTEK PROCESS ASIST WORKS

Phase 1: TASK ASSIGNMENT

- Workers access work orders and processes to be worked on through the Kaytek Process Assist mobile application.
- Artificial intelligence uses a priority tree** based on urgency, identity, and capabilities of the operator, temporal planning, and responsible department **to choose the task to be performed by each worker.**



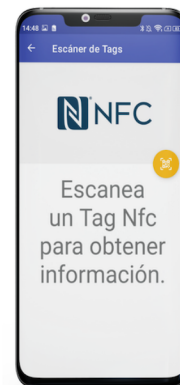
Phase 2: GUIDANCE AND TRAINING

- Once the process is assigned, **the application guides the operator step by step with simple and understandable instructions.**
- The ease of use and user-friendliness of the application allow for training of the worker in complicated or new processes, even facilitating access to relevant documentation for their current task.



Phase 3: DATA GENERATION

- The mobility devices on which Kaytek Process Assist runs **allow for the creation of new supplementary data in addition to that generated by machines and sensors.**
- Asset identification through QR codes, NFC, RFID, etc., allows access to all information and traceability related to the asset from the mobility device.



Phase 4: INCIDENT REPORTING

- Kaytek Process Assist enables the **rapid communication of process incidents or product non-conformities** throughout the entire organization.
- Kaytek Platform allows the configuration of different incident and non-conformity families that trigger different actions or processes.

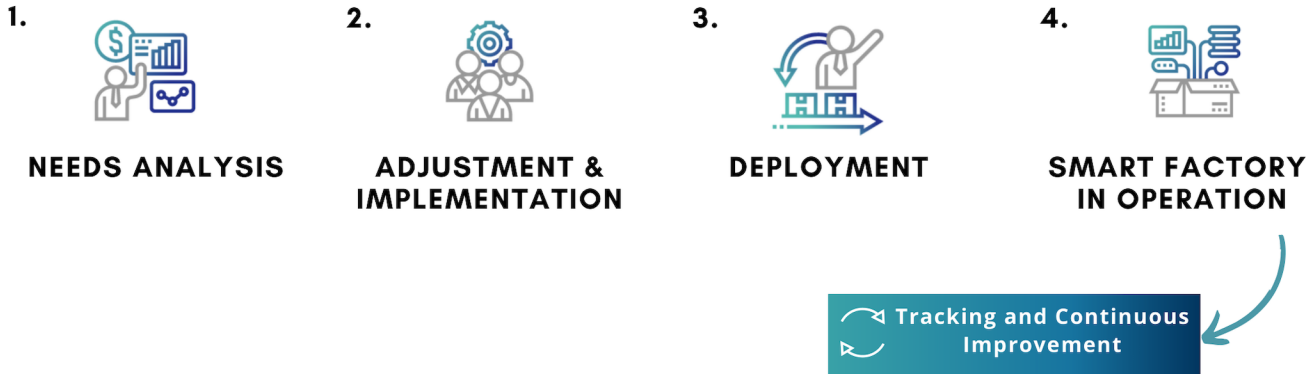
Phase 5: RESULT MEASURING AND IMPROVEMENT

- Kaytek Process Asist allows for the immediate deployment of changes in production processes, enabling great operational agility.
- Mobile devices allow for the **collection of individualized data**, providing the option to create individualized work reports and better management of workers' training needs.

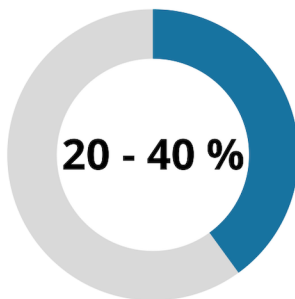


Implementation
in
6 weeks

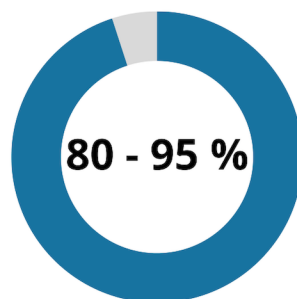
IMPLEMENTATION PHASES



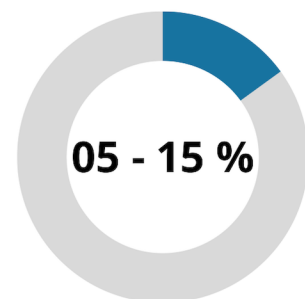
BENEFITS OF DIGITAL TRANSFORMATION



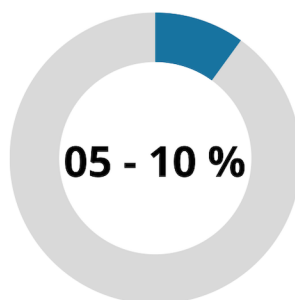
OEE Improvement



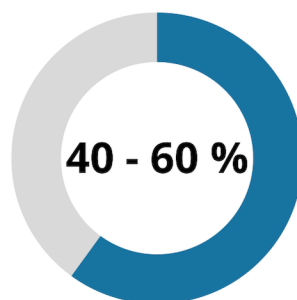
Human error reduction



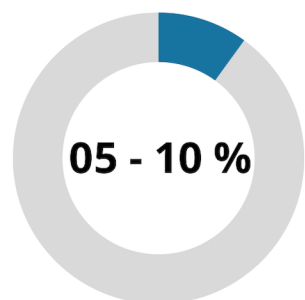
Defect reduction



Stock reduction



Quality costs reduction



Worker inactivity reduction

ROI
in less than
a year



Integration with other systems (ERP)



CLIENTS, PARTNERS & COLLABORATORS





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smart digital business

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