PROCESS
& CONTROL 2iA

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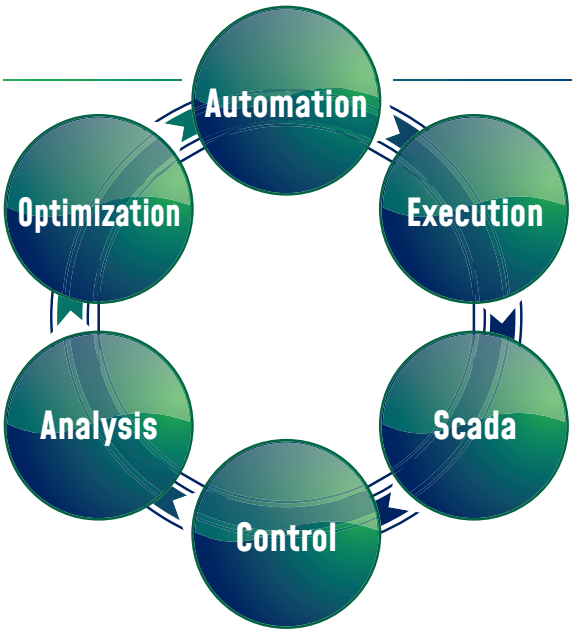
Process & Control 2iA is a research and services company specialized in the development and implementation of industrial projects. Close communication with your expectations allows **Process & Control 2iA** to quickly mobilize a team of professionals in different industrial sectors such as:

- **Control system**
- **Instrumentation**
- **Electrical studies**
- **Optimization of losses**
- **Process control - Reliability**
- **Project management.**

Leading phases of engineering, design, start-up, ramp-up, commissioning and training, **Process & Control 2iA** operates for missions all over the world. Our policy is based on the continuous improvement of the quality and efficiency of your production tool.

The scope of expertise ranges from preliminary studies, development, commissioning to technical assistance and maintenance. **Process & Control 2iA** is involved at each stage of the project by providing qualified resources: project managers, commissioning supervisors, PLC engineers, and much more ...



IMPROVEMENT OF THE FLOW PROCESS: FROM THE ENTRY OF RAW MATERIALS TO THE FINAL PRODUCT

- Creation of a map of plant losses according to its different production areas.
- Possible creation of functional analysis.
- Validation of the functional analysis.
- Setting up a traceability system or adding data to an existing system adapted to your needs.
- Utilities and energy savings (electricity, water, steam and cleaning solution...).
- Optimization of cleaning sequences and solutions.
- Integration of new parameters in the control command to obtain supervision of the productivity gains of your new projects.

We will help you optimize your factory settings and databases.

IMPROVING SAFETY AND QUALITY

- Recommendation on PLC programming.
- Recommendation on improving processes for liquids and powders.
- PLC and SCADA training provided by **Process & Control 2iA.**
- Training operators in good production practices.
- Implementation of the documentation related to your production tool (standard operating procedure).

Our methodology

- **1** Investigation: mapping of the following potential losses:
  - Each unitary manufacturing process sequence
  - The different production areas of the plant and their managers
- **2** Quantification and analysis of volume losses
- **3** Creation of optimization projects:
  - Link loss points to production areas and their managers.
  - Quantify the pay-back of each project
- **4** Preparation for modification:
  - Verification of PLC and SCADA programs to assess possible changes and determine if there are any electrical and mechanical changes to be planned.
- **5** Inform the Quality, Performance, Production and Project departments before making any changes.
- **6** Regular update with the management team on progress
- **7** Make the modifications:
  - Download the modifications to the PLC and SCADA programs if necessary and train the operators.
- **8** Validate the modification: check the effectiveness of the changes and help the production department
- **9** Follow-up form: summary and exhaustive forms of all the modifications made, for better monitoring of production

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