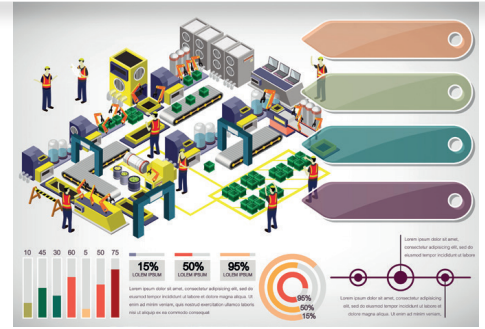# PROCESS & FLOW SIMULATION CONSULTANCY

TYPES OF SERVICES

- Audit, needs assessment,
- Analysis of the overall process by our robotics, assembly and maintenance experts,
- Production method expertise, technological, support and help in decision making,
- Proposal and set-up of a production process,
- Flow simulation study : model of the real system (orders, flows, means, resources),
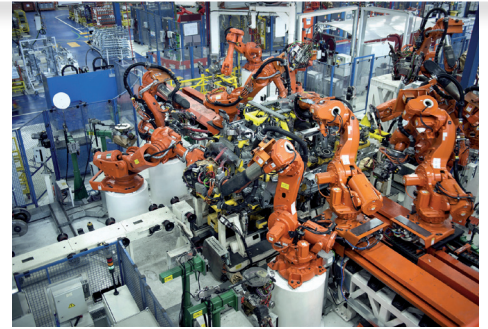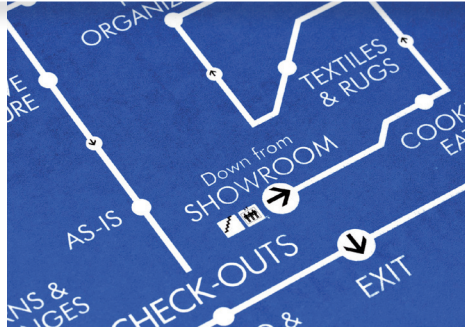- Location studies.

OBJECTIVES

- Analyse and map the state of the production process,
- Identify measures to improve productivity and reduce non-quality,
- Understand the factory's dynamic behaviour,
- Simplify flows and reduce process time,
- Set up or relocate in order to optimise flows and resources,
- Improve working conditions for operators,
- Offer the best balance between quality, cost and deadline.

FLOW SIMULATION SOFTWARE

- QUEST (Dassault solution),
- PLANT SIMULATION (Siemens solution).

FACTORY INSTALLATIONS, LINES TRANSFER, WORKFLOW MANAGEMENT

TYPES OF SERVICES

- Factory installations,
- Adapting work stations,
- Updating and bringing into compliance,
- Management of the moving and transfer of lines,
- Improving productivity, process, ergonomics, and management of workflow.

TYPES OF WORK

- Palletisation,
- Tables on rollers, transporters, conveyors,
- Lifts, TK, heavy maintenance,
- Manual and robotic maintenance,
- Bench tests and measuring tests,
- Development of standard products,
- Waste treatment.

SECTORS

- Food industry,
- Laboratories,
- Aeronautics,
- Automotive,
- Rail,
- Naval,
- Nuclear.

ORGANISATION

- Draft project,
- Costing,
- Process,
- Dimensioning,
- Control,
- Studies,
- Implementing details,
- Ready for manufacture.

CALCULATION SOFTWARE

- SOLIDWORKS SIMULATION,
- ROBOT,
- ANSYS.

CAD SOFTWARE

- SOLIDWORKS,
- CATIA V5,
- AUTODESK,
- AUTOCAD,
- CREO (PRO ENGINEER),
- UNIGRAPHICS,
- MICROSTATION.

AXYON
INGENIERIE

SGS