

	CASE 1	CASE 2	CASE 3	CASE 4	CASE 5	CASE 6	CASE 7
	<ul style="list-style-type: none"> - Automobile parts - Food processing - Aeronautics & military - Specialized furniture - Water treatment - Instrumentation 	<ul style="list-style-type: none"> - Measuring instruments - Patents 	<ul style="list-style-type: none"> - Automation - Robot in hostile zone - Technical software - Metrology 	<ul style="list-style-type: none"> - Instrumentation - Domestic electrical devices recycling - Food processing - Product line 	<ul style="list-style-type: none"> - Watch program 	<ul style="list-style-type: none"> - Business process - Intranet portal 	<ul style="list-style-type: none"> - Simulation - Monitoring
Fields covered	New product development	Re-engineering	New product development & robotics	Industrialization	IT & competitive intelligence	IT & flow engineering	Decision process
Context	Product specialized in the transfer of information from one medium to another, involved high labour rate and time.	A competitor has developed a new product which covers a large part of product range.	A firm needs to implement an automated process in a high stress environment.	A company has developed a functional prototype of a new instrument and wants to industrialize it.	A company tries to improve its vision of its sector to keep a significant growth rate and a worldwide leader status.	An Organization has a wide range of activities but can't structured them to obtain an optimal profitability.	Managers of a large company confronted with increasing factors for consideration are looking for solutions to improve the decision making process.
Main issues	How to reflate a range of products in the middle of its life cycle?	How to counter this competitor, through technology?	Which technical solution could answer the need?	How to industrialize a new product?	How to maintain a significant level of innovation?	How to manage and optimise flow activities and development within an organization?	How to develop a tool to aid process management confronted with environmental constraints?
RELATED OBJECTIVES							
FINANCIAL							
Profitability control						•	•
Increase turnover		•	•	•	•	•	•
Cost control					•	•	
Investment control	•		•	•	•	•	•
ROI	•	•	•	•	•	•	•
...							
MARKETING							
Market share increase	•	•		•	•		•
Differentiation	•	•	•				
Brand image	•	•	•	•			•
...							
DEVELOPMENT							
Cost development management	•	•	•	•	•	•	
Development time reduction		•	•			•	•
Scope increase	•	•	•	•	•	•	
Research of innovating aspects	•	•	•	•	•	•	•
...							
PRODUCTION							
Facilities management				•			
Costs production management		•		•			
Time management		•		•			
...							
HUMAN RESOURCES							
Staff training	•	•		•	•	•	•
...							
	<ul style="list-style-type: none"> - Need analysis / costs study - Competitive study in the targeted field - Audit and costs simulation in the new process - Functional analysis - State of the art performing on covered sector (or potentially) - Patents study - Information management in an intranet portal to optimize the communication between services 	<ul style="list-style-type: none"> - Functional analysis - Functional specifications drafting - Design and validation of an industrial prototype - Search for new suppliers - Adaptation of the maintenance program - Staff training - Follow-up of pre-series production 	<ul style="list-style-type: none"> - Technological watch (state of the art) - Expression of needs - Feasibility study / functional Analysis - Value analysis - CAD - Conception and monitoring of the validation tests 	<ul style="list-style-type: none"> - Study and manufacturing of an industrial prototype - Define a production programme - Development of specific production tools - Definition of the subcontracting programme - Integration of solutions to the QA - Definition of staff training program - Follow-up and technical aid to the pre-series production 	<ul style="list-style-type: none"> - Audit of the innovation process used - Definition of work programme - Business intelligence: competitors, clients, suppliers - Technological watch (state of the art) - Development of a specific interface to optimize the exchange of information on the intranet - Data base organization - Programme of strategic management 	<ul style="list-style-type: none"> - Audit of the system used - Development of specific interface - Simulation - Final proposition - Defining the structured programme of work - Staff training - Follow up and assistance of installation 	<ul style="list-style-type: none"> - Audit of the organization - Developpement of scenarios with alarm indicators - Programming of a specific interface - Validation of the pattern - Simulation / scheduling - Training for the use of the interface