

Business case

Meeting the Growing Demand of a Leader in the Biometric Solutions Industry

PRACTICE

Supply Chain

SECTOR

Capital Goods

DURATION OF THE MISSION

3 months

Our client, a leading actor in the identity solutions industry, needs to overcome challenge in its planning process to meet a growing demand.

KEPLER offers to determine a methodological approach for the implementation of planning processes and their operating modes.

Context

- A booming business, with +35% of volumes increase over 3 years and export services development (20% of turnover)
- A developing organization with the implementation of Business Units Métiers (occupation) and the incorporation of Planning into the Production Department, to tear down the walls between teams
- An unsatisfactory service rate (80%) and a recurring problem of load / capacity adequacy
- Sequencing continuously rescheduled and planning managed globally in a "responsive way"

Objective(s)

Improving Responsiveness
and Securing Availability

- Determining the targeted planning processes and coaching the teams

Methodology

Understanding information streams and system settings

2 Workshop: analyzing the observed shortcomings

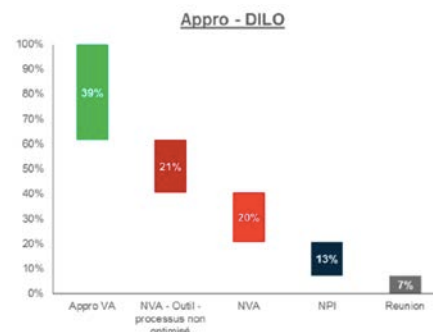
3 **Determining the targeted supply processes** and the associated operating modes

4 Control lines selection and test scoping

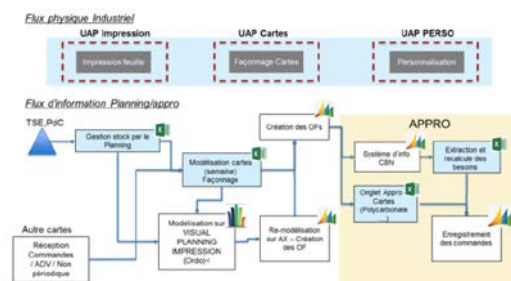
5 Monitoring and corrective action plan

- **DILO**
- **Clustering supplies**
- **Facilitating routines**

NVAT Analysis



Information flows mapping



Procurement rules review

Typologie de volume	Contraintes lead time	Lancement sur prévision	Lancement sur commande	Prix fixe	Seuil de réappro
Volumen très importants documents de volumes document massifs sans stock ou stock important	Réalignement avec un lead time d'approvisionnement / production supérieur au lead time client (souvent) / inférieur	Commande / OF sur la base d'un prévisionnel client	Commande / OF sur la base d'un prévisionnel client		
Volumen importants	Réalignement avec un lead time d'approvisionnement / production supérieur au lead time client (souvent) / inférieur	Commande / OF sur la base d'un prévisionnel client	Mise en place d'une boucle flux tirée basée sur les consommations prévisionnelles journalières		
Volumen documents	Réalignement avec un lead time d'approvisionnement / production inférieur au lead time client (souvent) / inférieur		Mise en place d'une boucle flux tirée basée sur les consommations prévisionnelles journalières	Mise en place d'un échec du délai en cas de commande / OF (interdiction de stock, de stock + délai de livraison)	

27% Reduction of
Production

**+1,8
pts** Optimization of
the **OTIF indicator**



Establishment of
the **daily TOP 15**



The priority was to review supply management rules adapted to the industrial constraints of our client and to align the supply chain and the production with the strategy. Once this alignment achieved, we thrived to facilitate the daily routines in order to grow the proper reflexes by decompartmentalizing information and enabling a more effective decision-making process.



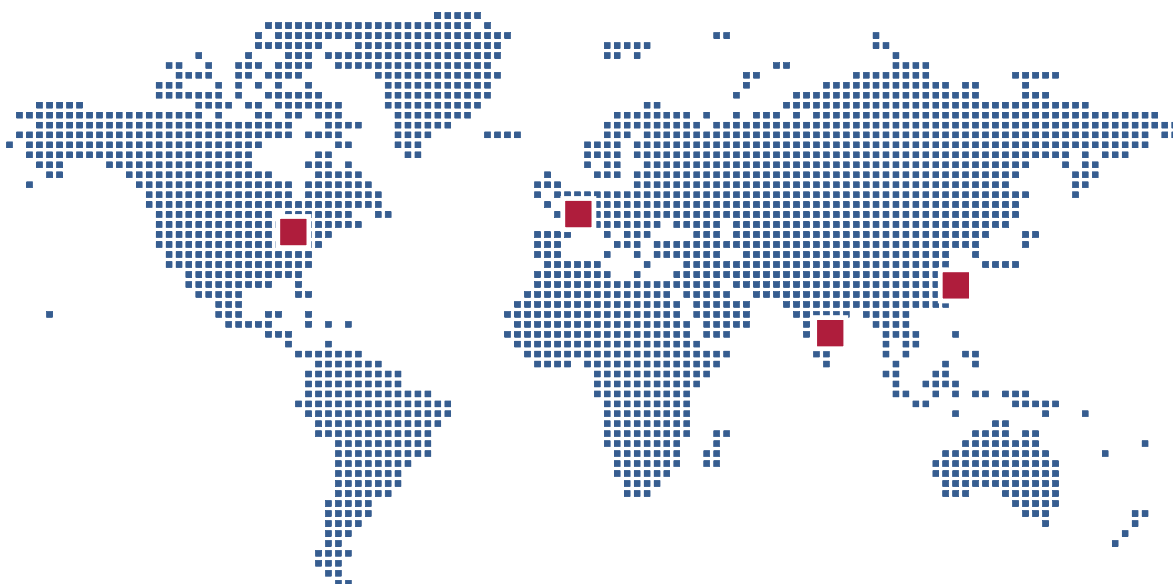
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