

KPI Management

- Data Visualization of Manufacturing Processes -

Design highly competitive factories through organization-wide KPI management

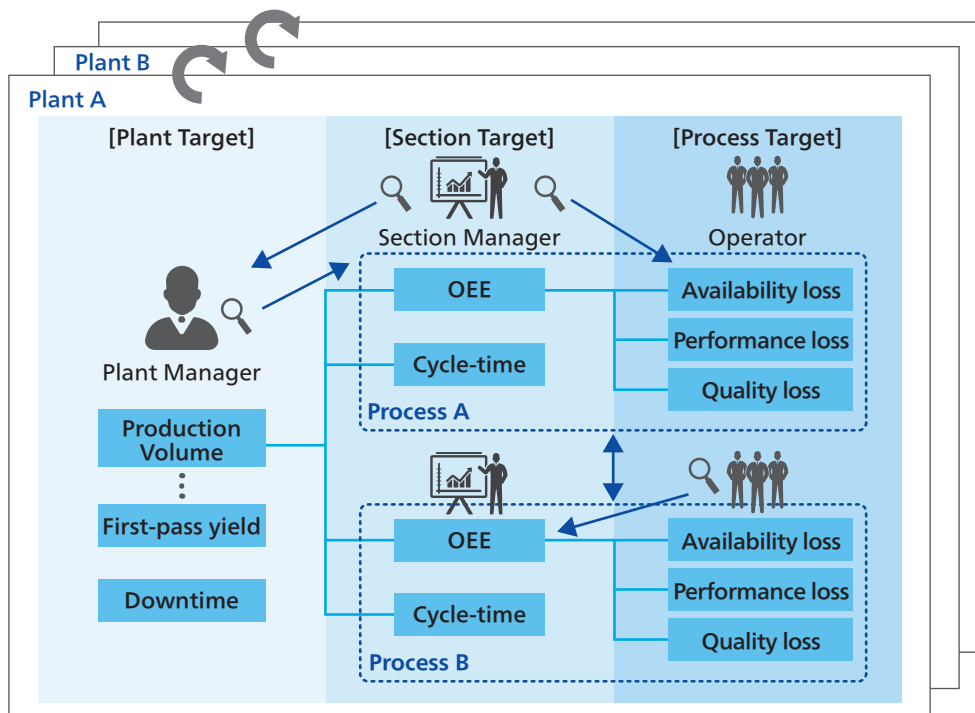
The manufacturing industry market is rapidly changing, driven by a variety of customer needs, increasingly fierce global competition, and advances in digitalization. In order to immediately respond to these changes, it is important that companies accurately assess the bottlenecks faced by their plants and promptly implement measures that are linked to higher-level KPI and organizational goals promptly. ABeam Consulting helps support the design of **highly competitive factories by raising the level of KPI management** through our consultants. With our experience in business process and IT perspectives, and our extensive knowledge, acquired through business process improvement.

Real-time assessment of production conditions

Efficient & rapid identification of root causes using KPI structure

Optimal selections of measures linked to organizational targets

Advanced KPI management



Advantages

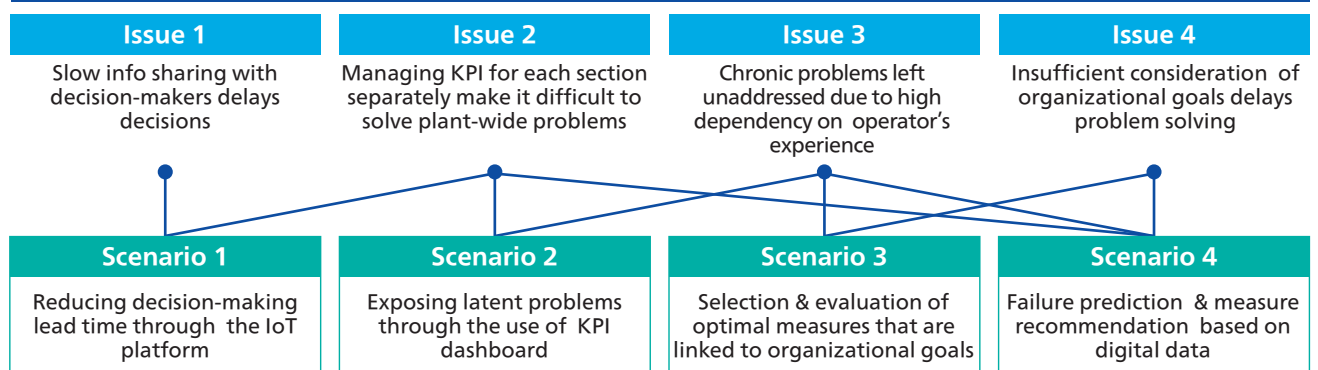
KPI structure visualizes relations between individual KPI

Operators can share real-time information with management

Data can be shared between factories and processes

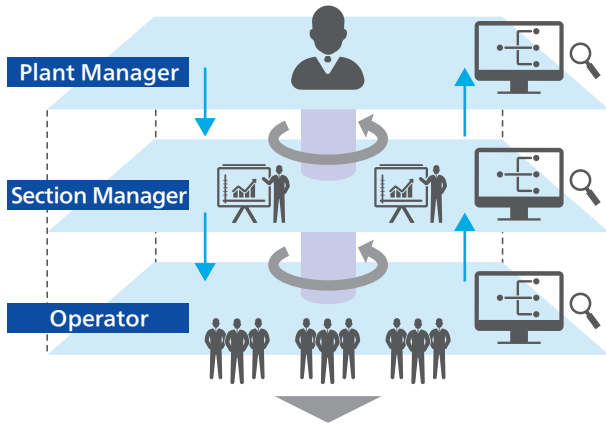
Business Scenarios

Issues in Manufacturing industry



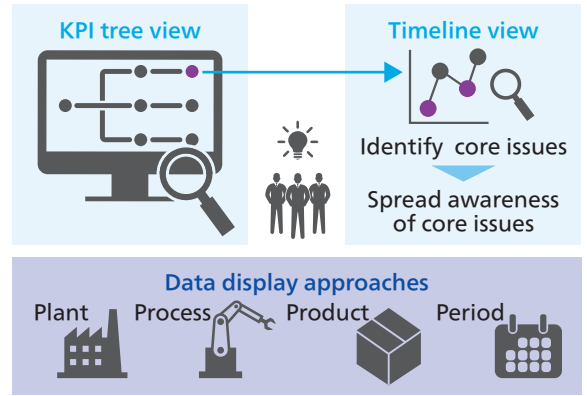
How the KPI dashboard transforms manufacturing processes

1. Real-time sharing of information



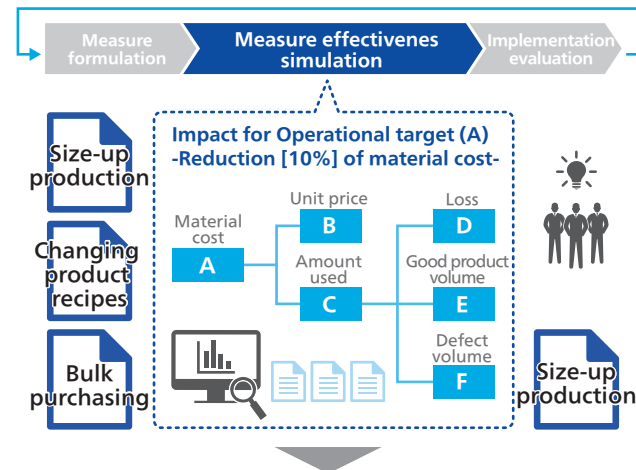
- Reduce workload involved in reporting to management.
- Enable real-time assessment of overall manufacturing progress to accelerate decision-making.

2. Efficient identification of factory bottlenecks



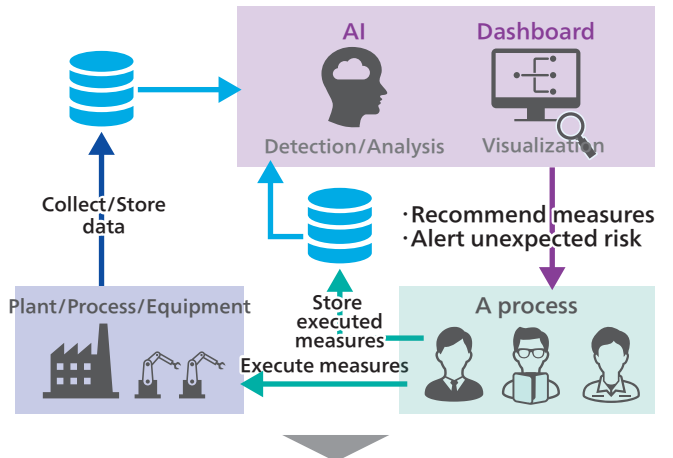
- Show factors preventing KPI targets from being reached on the KPI structure and identify factory bottlenecks.
- Promote better understanding of the core problems the factory faces.

3. Selection of optimal measures



- Visualize impact of individual measures on organizational goals and select the optimal measures for achieving targets.
- Visualize whether implemented measures have been effective in achieving organizational goals in order to decide next steps.

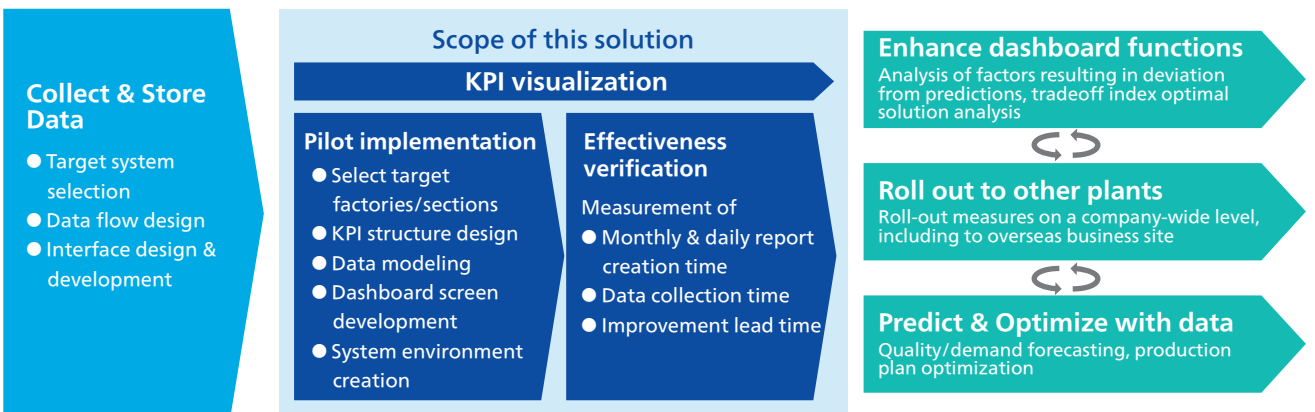
4. Productivity improvement with digital data



- Predict unexpected issues through the leveraging of digital data.
- Accelerate improvement activities through automatic recommendations based on past measures.

Implementation approach

We use the expertise we have developed through our extensive experience in business process improvement projects to provide comprehensive support that encompasses everything from the proposal to the deployment of KPI models with customer products and processes.



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