

Create Production Platform

To Transform Mindsets in Japan

**Game-changer for
Japan's small and medium-sized manufacturers
to improve production**

**YADA INDUSTRY CO., LTD.
Executive Managing Director
Akio Nomura**

Outline

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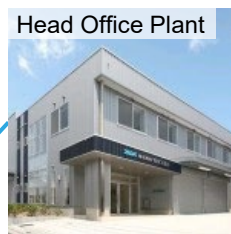
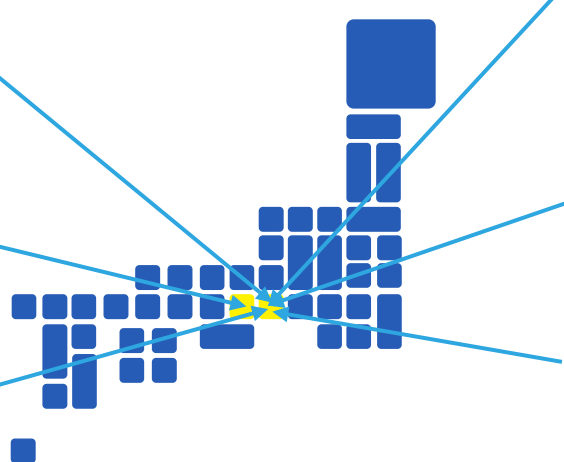
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Company Profile

Company profile

Basic information

Company Name	YADA INDUSTRY CO., LTD.
Location	Nagoya, Aichi Prefecture
Establishment	July 1960
Employees / Sales	About 230 / ¥3.5B (\$26.6M*) (Sep 2023)
Representative	Kenji Nomura



Main Business

sheet metal working and painting



Elevator



Transformer



Distribution board

Major business partners

Mitsubishi
Electric

Panasonic
affiliates

Toshiba
affiliates

etc

*Calculated at 131.43 yen to the dollar based on average annual prices in 2022

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This Project

Key points

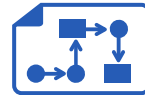
A tool to promote management reform through a change in the way of rethinking about process management.

1



**TOC
management**

2



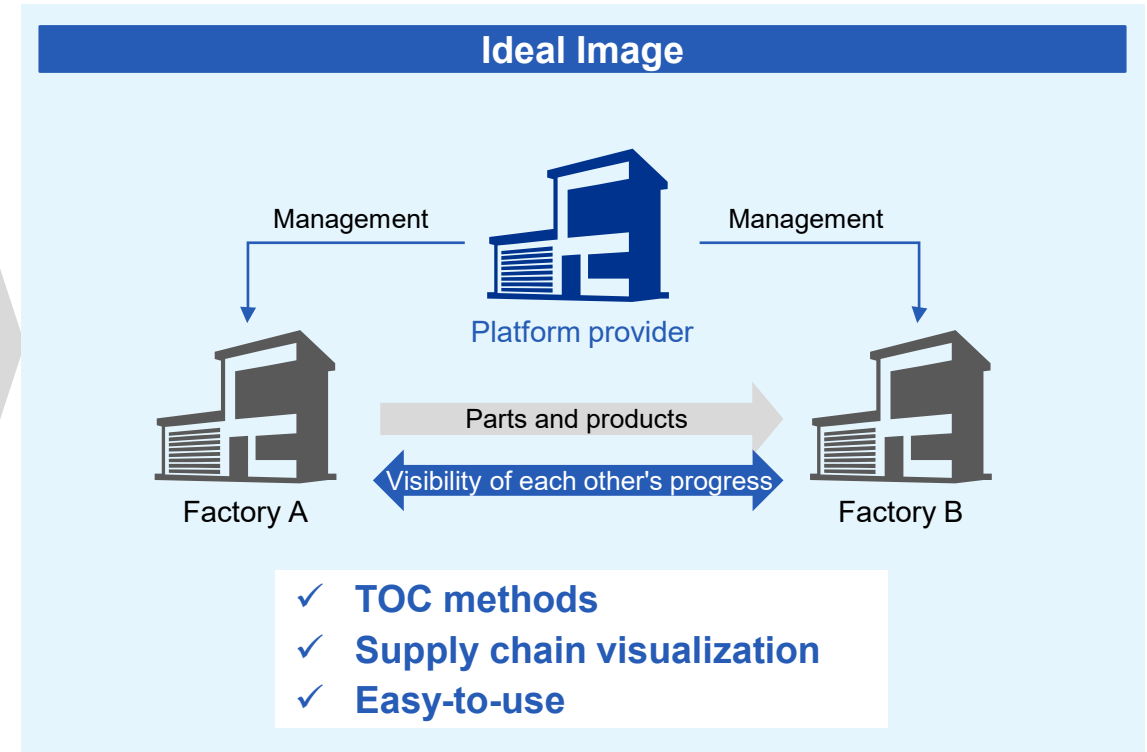
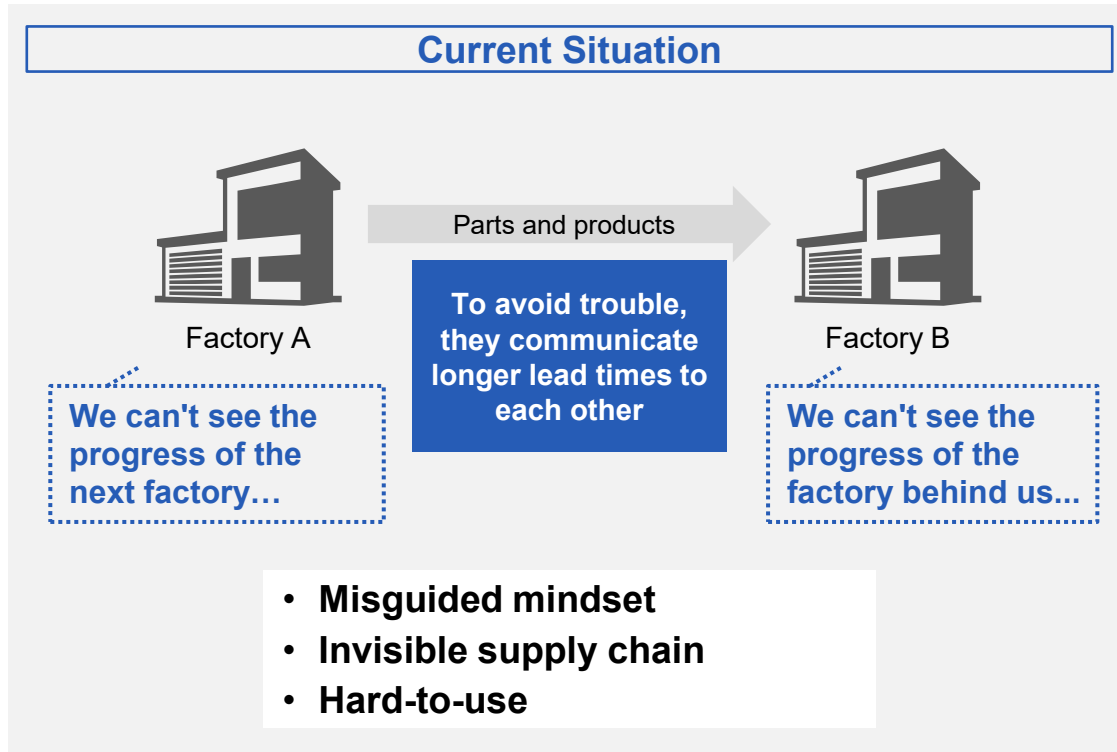
**Supply chain
visualization**

3



Easy-to-use

Overview

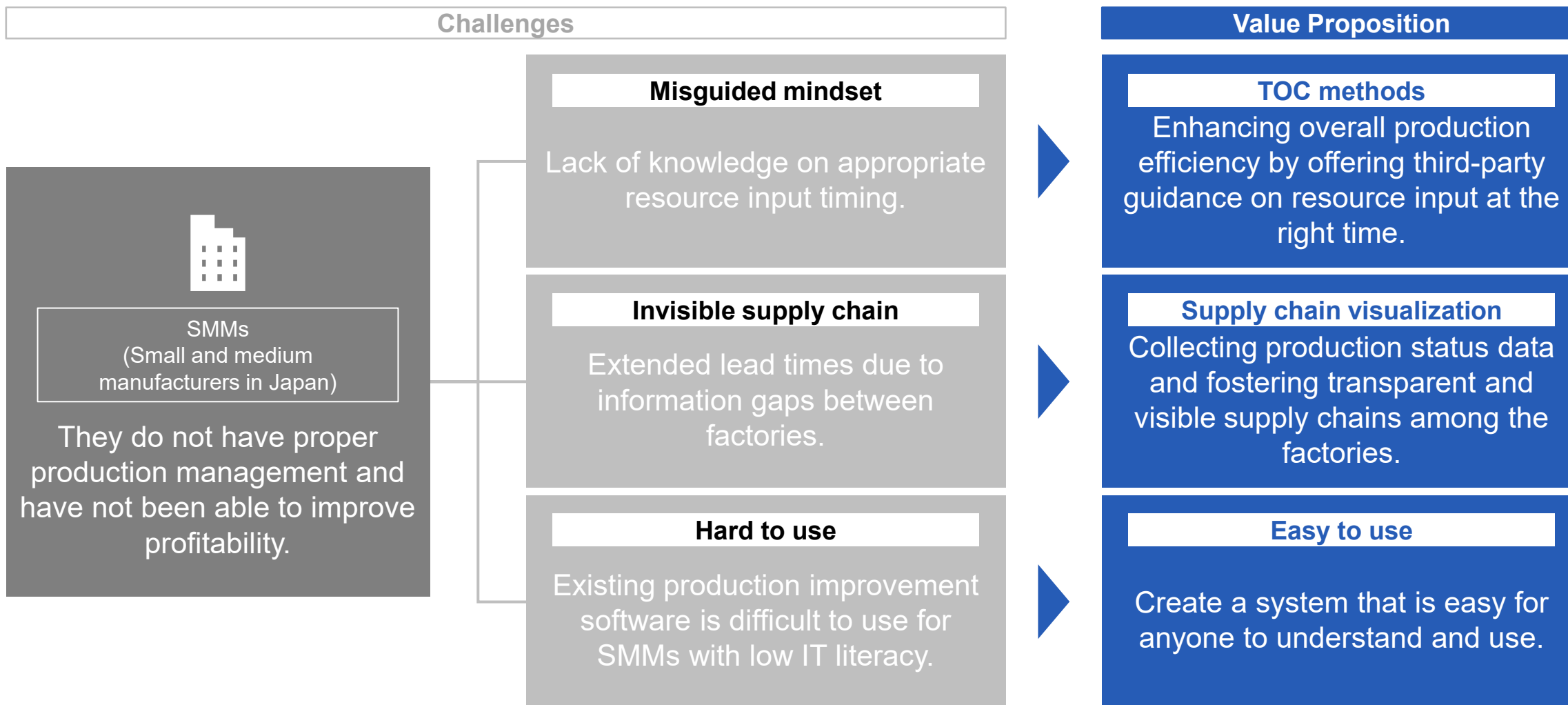


Required Technology

Production Management Cloud

- Simple system
- Recognize and upload identification (using device, app and etc...) (p.14)
- Share the progress of guest production with hosts and guests (using cloud) (p.16)
- Analyze accumulated data and optimize production (p.16)

Current challenges & Our value proposition



Use Case – our company

Even though we initially lacked knowledge about production improvement, I came across the TOC theory and managed to reduce lead times and enhance profitability.

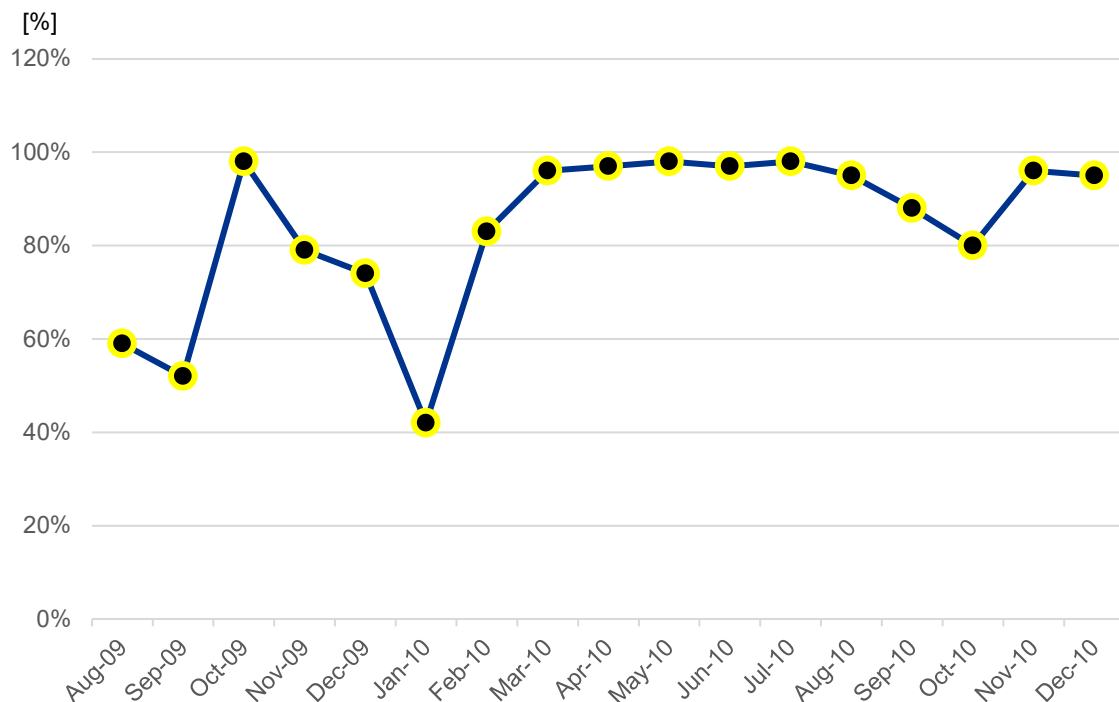
About TOC Theory



Use Case – our company

Production Efficiency Trend (Aug 2009 - Dec 2010)

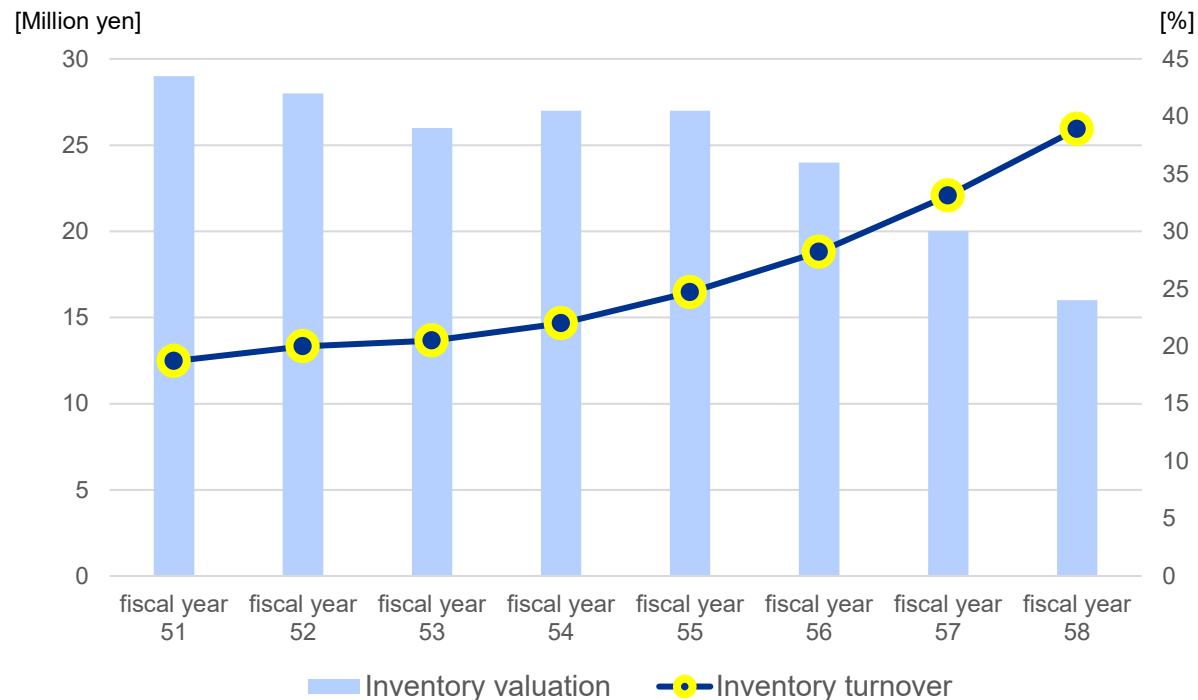
✓ Improved On-Time Delivery Performance



Inventory turnover and inventory valuation (fiscal year 51 to 58)

✓ Increased Inventory turnover

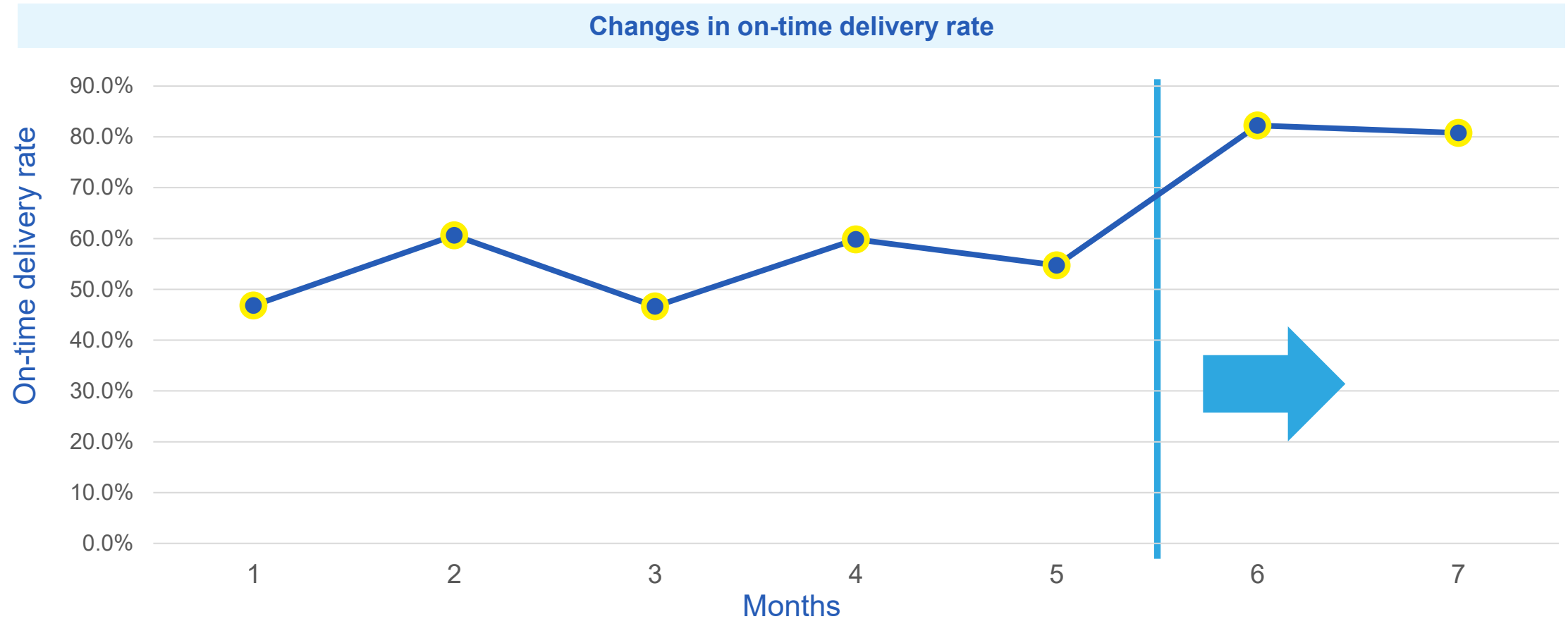
✓ Reduction in Inventory valuation (inventory)



Reducing the amount of inventory led to the decluttering of shelves and the creation of workspace, significantly improving the flow within the factory

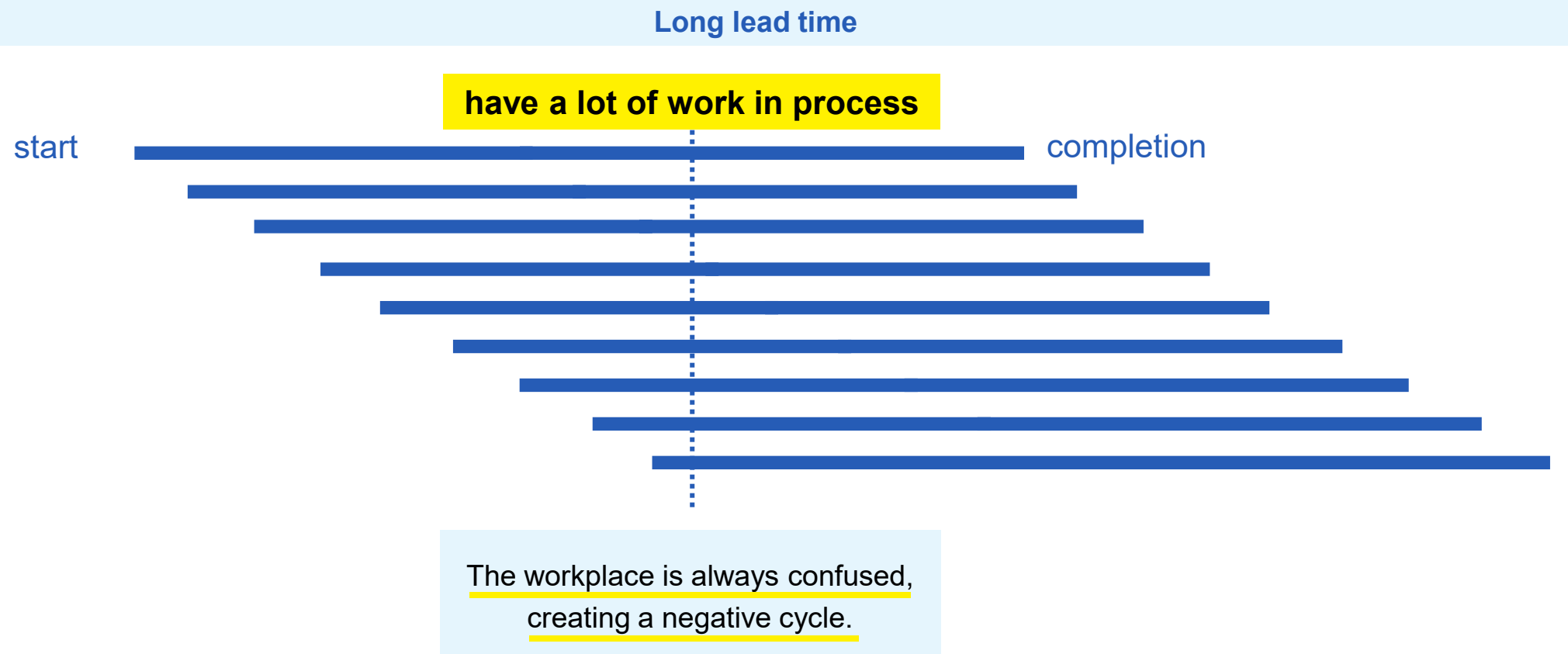
Use Case – a company

When we implemented a similar production management approach in another company, production efficiency also improved.



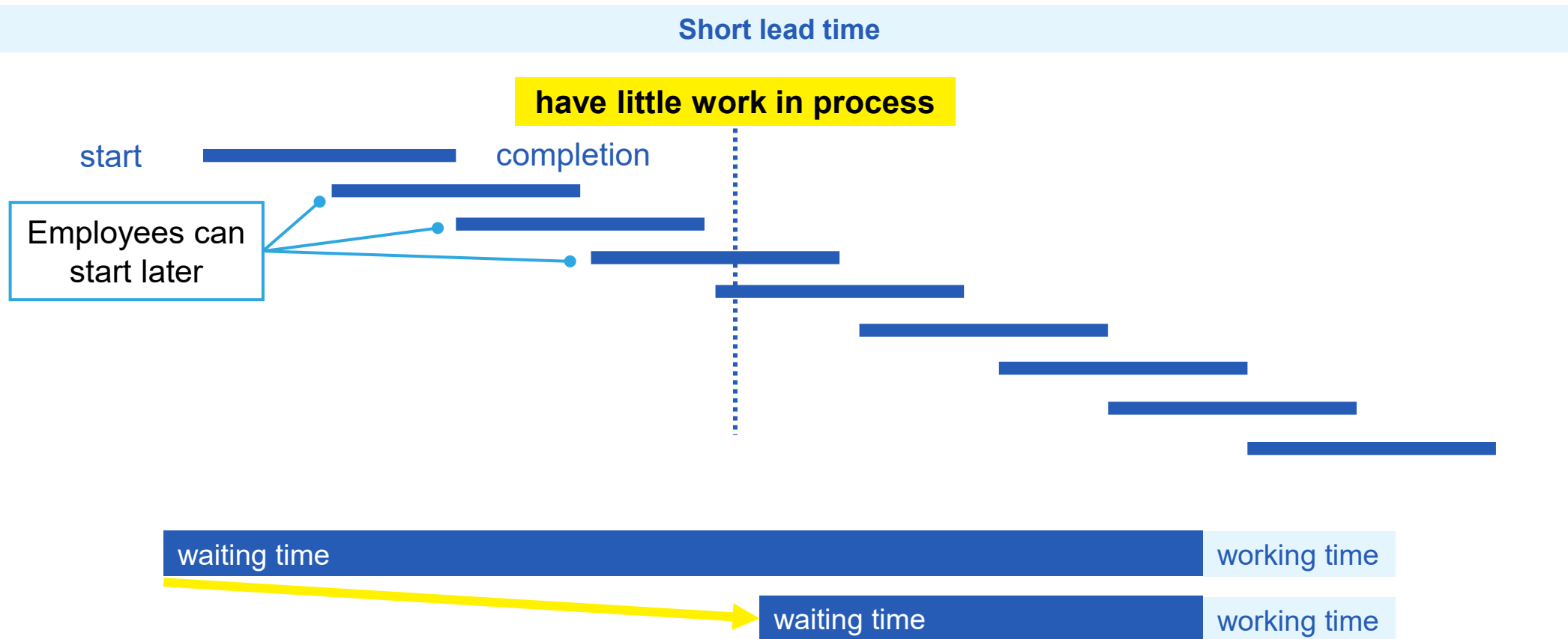
How Lead Times Are Reduced – Before Improvements

Workers might intuitively believe that starting early will lead to an earlier completion, but in reality, that's a misconception.



How Lead Times Are Reduced – After Improvements

Delaying the start of the work actually reduces work in progress
 There will be less confusion in priorities within the factory.



Current Solution – Production management rack

Use of simple stands



Manage timing of initiation



Apply labels to documents for initiation control

Concept

Analog Proficiency for the Digital Era - See, Touch, Verify, and Control with Our Production Management Rack.



◆ Required technology

- Recognize and upload identification (using device, app and etc.) © 2023 YADA INDUSTRY CO., LTD.

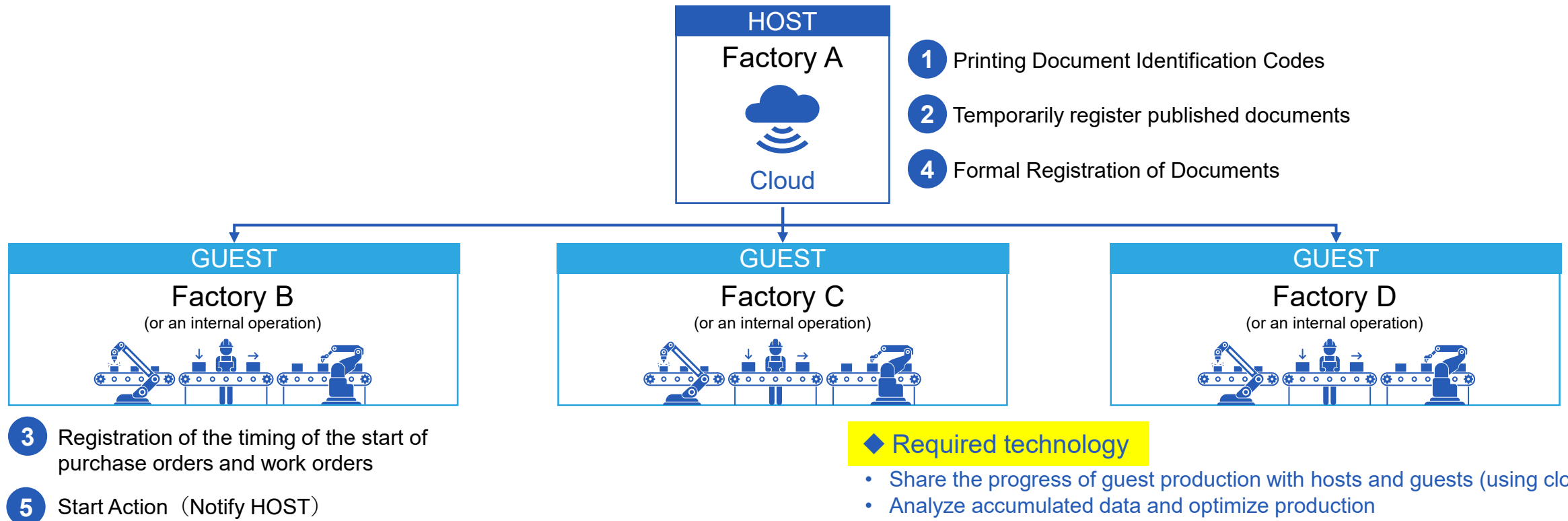


Collaboration Idea

Business model

We assume a system for visualizing the progress between the host and the guest.
We welcome your new ideas and solutions regarding the model.

Model



Implementation Benefits

1



**Reduce
lead time**

2



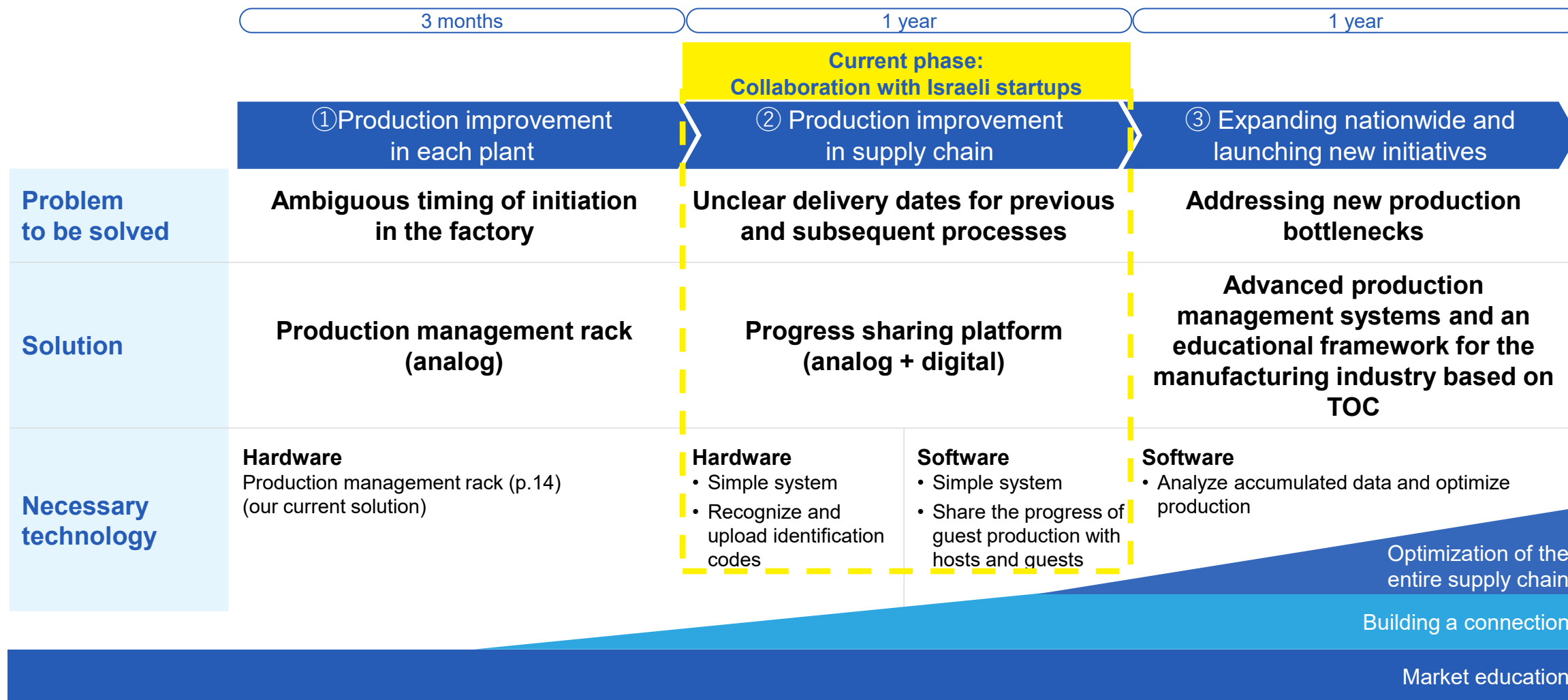
**Improve
cash flow**

3



**Reduce
inventory**

Milestone



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FAQ

FAQ – About New Business

Q1

What vision do you have?

Restoring the perception that Japan is the strongest manufacturer and revitalizing Japanese manufacturing by enhancing the operations of small and medium-sized enterprises (SMEs) that contribute to Japanese manufacturing.

Q2

Why Israeli startups?

We recognize Israeli startups have an advantage over other countries in terms of software.

Q3

Are Japanese small and medium-sized manufacturers eager to start BPR?

*BPR = Business Process Re-engineering

They are not aware of business reform. Many manufacturers are reluctant to reform their operations because of complexity with reform.

Q4

Can't existing production management system solve the problem?

Existing production management systems are complex, and the installation of these systems places a burden on production sites. This project aims to build a simple platform.

FAQ – About Collaboration

Q1

What can you offer for a collaboration?

We can provide our expertise in business reform using the Theory of Constraints (TOC) and our network of connections with manufacturing companies in Japan.

Q2

What is the timeline for expanding the production management platform

The system will be introduced to manufacturers in Aichi Prefecture in 2025, and expand all over Japan after 2030.

Q3

What will you focus to choose a partner?

The simplicity of the system is important. To avoid the burden on the employees, we prefer systems that are easy to implement and use.

Q4

What is the schedule for PoC?

We will start demonstration tests with our business partners in 2024, aiming for commercialization in 2025.

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Thank you for listening