# Japan-NA Data Standardization & Jam Analysis Workshop—July 2025

## Purpose

The Japan-NA Data Standardization & Jam Analysis Project aims to establish a unified approach to tracking and analyzing jam metrics across Japan and North American networks, addressing the current gap in OEE data standardization and cost tracking capabilities. Through collaborative engagement with the Japan team, this initiative will focus on gathering comprehensive jam data, understanding regional best practices, and developing standardized measurement protocols that can be implemented across both regions. The project includes a potential site visit to Japan in 2025 (post-Prime) to facilitate direct knowledge exchange and establish robust data collection methodologies. This initiative will enable accurate cost analysis of jam events, standardized DPMO tracking, and create a foundation for cross-regional performance benchmarking, ultimately supporting global operational excellence in jam prevention and management.

## Background

The current situation has several significant negative impacts on the business. With the Loss Prevention Hours (LPH) for Japan valued at $12.98 USD, we can now quantify the jam costs that contribute to operating expenses for material handling equipment (MHE). However, due to the potential inaccuracies in jam occurrence reporting, these cost calculations may be substantially skewed, leading to either inflated or underestimated operating expenses. This unreliability in financial data hampers the company's ability to make informed decisions about resource allocation and process improvements. Furthermore, without the ability to accurately quantify the financial impact of jams, the company cannot effectively prioritize improvement initiatives. The lack of standardized metrics prevents benchmarking performance between regions, leading to missed opportunities for cross-regional learning and improvement. There is a risk of duplicate efforts in solving similar jam issues, and the limited ability to justify improvement initiatives without standardized metrics may result in suboptimal resource allocation. Overall, these challenges are impeding the company's ability to maximize operational efficiency and control costs effectively.

## Problem / Opportunity

The organization is facing several challenges in its operations across North America and Japan networks. There is a lack of standardized OEE data between these regions, making it difficult to track and compare jam DPMO effectively. The North American operations are missing cost analysis capabilities for jam events, and there is limited visibility into Japan's best practices and operational methods. With Japan's planned implementation of OEE in 2025, there is a strategic opportunity to align their system with Global Jam Program (GJP) standards from the outset. This timing presents a unique chance to integrate GJP policies and jam tracking methodologies directly into their OEE implementation, rather than retrofitting these systems later. Japan uses the RME daily dashboard for tracking, while North America utilizes the OEE faults dashboard. This discrepancy in data sources contributes to the lack of standardization in metrics and reporting. Currently, the GJP policy is being revised to include EU operations, making this an optimal time to consider Japan's integration into the global framework.

## Recommendation

To address these issues, a site visit to Japan is proposed for the week of July 14th, after the Prime event. This visit will facilitate direct collaboration with the Japan team, focusing on several key areas. These include aligning data collection methodologies, standardizing OEE tracking, implementing cost tracking, exchanging best practices, and observing and documenting processes. Part of our standardization efforts will include aligning on a single dashboard platform for both regions. We will evaluate the merits of both the RME daily dashboard and the OEE faults dashboard to determine the most effective solution for global implementation. During the site visit, our team will focus on two critical integration aspects that will shape the future of our global jam reduction efforts. First, we will work closely with the Japan teams to integrate the GJP policy framework into their operations. This integration will include adapting the three fundamental pillars of GJP - Data, Physical Audits, and Network Projects - to align with Japan's operational context while maintaining global standards.

Secondly, we will capitalize on Japan's upcoming OEE implementation by ensuring their new system incorporates standardized jam metrics from inception. This proactive approach includes aligning jam definitions and DPMO calculations with global standards, integrating GJP reporting requirements into their OEE dashboard development, and establishing data collection protocols that satisfy both global requirements and local operational needs. By addressing these elements during the initial implementation phase, we can avoid future compatibility issues and enable immediate participation in global jam reduction initiatives.

The implementation of proven jam prevention strategies from Japan can significantly improve efficiency in North American operations. A unified cost tracking methodology will be created, enhancing financial analysis capabilities. The initiative will foster enhanced cross-regional collaboration, potentially leading to substantial cost savings through shared learning. Ultimately, this will provide a solid foundation for data-driven decision making across the organization.

To successfully execute this plan, several resources will be required. These include travel costs for team members and nine days of on-site time for the visiting team. Documentation and analysis tools will be necessary to capture and process the information gathered. Additionally, follow-up implementation resources will be crucial to ensure the lessons learned and strategies developed are effectively put into practice in North American operations. To minimize potential risks associated with this initiative, several mitigation strategies have been identified. The visit is scheduled around the Prime event to minimize operational impact during peak periods. Thorough pre-visit preparation and agenda setting will ensure efficient use of time during the site visit. Clear deliverables and expectations will be established to guide the process, and a follow-up plan for necessary implementations will be developed to ensure long-term success. These measures will help to maximize the value of the site visit and facilitate smooth integration of new practices into North American operations.

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## Summary

The success of this initiative will be measured by several key outcomes. These include the establishment of a standardized jam tracking system, the implementation of a jam DPMO measurement protocol, and the definition of a cost analysis methodology. Additionally, the documentation of best practices for cross-regional sharing and a clear implementation timeline for standardization will be crucial indicators of success. These metrics will ensure that the knowledge gained from the site visit is effectively translated into actionable improvements in North American operations.

## Frequently Asked Questions (FAQs)

### FAQ1 Why is the timing of this visit critical for GJP integration?

### Japan's planned OEE implementation in 2025 provides a unique opportunity to build GJP standards into their systems from the start, rather than retrofitting later. This timing aligns with the current GJP policy expansion to include EU operations, making it an optimal period for global standardization efforts.

### FAQ2 How will this affect Japan's current jam tracking methods during the transition period?

We will develop a phased transition plan that maintains current tracking methods while gradually implementing the new standardized approach. This ensures no disruption to current operations while building toward full GJP compliance.

### FAQ3 How will the Jam Champion program be adapted for Japan's organizational structure?

We will work with Japan's leadership to identify appropriate roles that align with their management structure while fulfilling the core responsibilities outlined in the GJP policy. This may include adjusting reporting relationships and communication protocols to fit their organizational culture.

### FAQ4 How will success be measured for this integration initiative?

Success metrics will include standardized DPMO reporting across regions, completion of Jam Champion program implementation, successful integration of GJP documentation into local processes, and demonstrated ability to share best practices between regions using common metrics and terminology.

# Appendices

Agenda for Japan-NA Data Standardization & Jam Analysis Project (JNDSAP) Summit July 14-23, 2025

**Week 1: Tokyo Travel Day 1 (July 31, Thursday):**

* Arrival and Check-in in Tokyo
* Evening: Welcome Dinner with Japan Leadership Team (19:00 - 21:00)

**Day 2 (August 1 , Friday) - Tokyo HQ:**

08:30 - 09:00: Welcome and Introductions

09:00 - 10:30: Overview of JNDSAP Objectives

10:45 - 12:15: Current State Analysis - NA vs Japan Metrics

12:15 - 13:15: Lunch

13:15 - 15:15: Workshop: DPMO Measurement

18:30 - 20:30: Team Dinner

**Day 2 (August 4, Monday) - Tokyo TYO1 & SCY6 Site Visits:**

09:30 - 12:00: Site Visit: ARS Tour / Debrief and Discussion

13:00 - 15:00: Lunch

15:30 - 17:00: Site Visit: Sort Center Tour / Debrief and Discussion

19:00 - 21:00: Team Dinner

**Day 3 (August 5, Tuesday) -**

12:00 - 13:00: Lunch at Site

13:00 - 15:00: Workshop: Japan Best Practices vs NA Best practices for jams (presentation)

15:30 - 17:00: Day Summary and Documentation

19:00 - 21:00: Team Dinner

**Day 4 (August 6, Wednesday) - Travel/Transition:**

* Afternoon: Travel to Osaka

**Day 5 (August 7, Thursday) – Osaka KIX3 & KIX6 Site Visit:**

08:30 - 11:00: ARS Facility Tour / Debrief and Discussion

12:00 - 14:00: Lunch

15:30 - 17:00: ARS Facility Tour / Debrief and Discussion

**Week 2: Kyoto Focus Day 6 (August 8, Friday) - Final Day:**

08:30 - 10:30: Comprehensive Review Session

10:45 - 12:15: Action Item Review and Next Steps

12:15 - 13:15: Lunch

13:30 - 15:00: Summit Closing Session

15:15 - 16:45: Final Presentations to Leadership

17:00 - 17:30: Farewell Remarks

19:00 - 21:30: Farewell Dinner with Full Team

**Day 7 (August 9, Saturday) – Travel Day:**

* Departure home