

# How a F1000 vehicle manufacturer used Tada's solution to solve its material availability issues caused by demand upturn

## Background

A large division of a F1000 commercial vehicle manufacturer faced an unexpected spike in demand, putting their suppliers at high stress for capacity. Several of the suppliers supplying critical parts and assembly were missing commitments and the OEM factory was missing parts at the point of use causing missed builds.

A solution had to be developed and deployed very quickly to improve customer commitments and increase customer loyalty.

## Challenge

Missed Point of use and customer commitments

Suppliers of this OEM were having issues in meeting their commitments, leading to loss of goodwill, loyalty, sales, and employee morale. This was resulting in planners, buyers, suppliers having to make several communications internally and externally to get the required parts at the right time as well as to expedite parts at remarkably high costs. The production schedule was also being changed several times daily.

## Solution

Avoid Missed point of use hits

Tada created a digital DNA of the processes and then populated it with relevant data from various existing systems. After adding all their suppliers, Tada then created the digital duplicate. All of the suppliers were provided with their own portal to be able to add their information directly. The next step was to create various persona-based applications so that various stakeholders such as xxxx got their own custom real-time views. This resulted in the following benefits

- Realtime, automated supplier collaboration
- Material availability tracking and reporting
- Issues and constraints management and visibility

## Executive Summary

A large division of a F1000 vehicle manufacturer struggled with commitments from suppliers when they faced a sudden demand spike. They needed a solution that would help them keep track of their needs and communicate to their suppliers in real-time.

Tada's material availability app became a single source of truth for the part requirements based on daily, weekly, and monthly schedules. This enabled planners to focus on value-added tasks and provide suppliers with the right quantity needs at the right time, eliminating confusion on how much, what part, and when it is needed.

*"Material Availability App. is saving us at least 2 hours daily, because we don't have to chase data from multiple sources."*

- Factory material planner

## Tada Benefits

- Collaborate and communicate part needs based on schedule
- Eliminate multiple sources of communication and confusion on execution demand
- Planners focus on value-added tasks rather than chasing for answers

*"So, I can stop spreadsheets now? Great!! We use Material Availability App. to schedule our factory production to make sure we produce what our final assembly plant truly needs."* - One Supplier

## Results/KPI

Once the new software was put into production in a matter of weeks, it helped automated communication between suppliers and the OEM and increased visibility for the OEM and their suppliers.

**20-30%**

Throughput improvement

**30-40%**

Reduction in missed point of use

**30-40%**

Improvement in customer commit dates