CYLAD

Secure parts On Time Delivery with **CYLAD BOM TRACKER** device

CUSTOMER BENEFITS

+20% to 30%

Bill of Material visibility
to all projects functions, from Engineering to Supply Chain

2 to 4 months

of visibility gained compared to previous ERP-based ways of working

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CHALLENGES ⌄

In the context of a first manufacturing readiness project, our client, a **major transport manufacturer** needed to:

- **Secure 100% parts availability on the production line,** from major equipment to detailed primary parts
- **Stick to production planning**

The combination of the **Bill Of Material size and the large amount of data coming from multiple sources lead to numerous breaches in digital continuity** from authoring tools (PLM, 3D mock-ups) to the ERP.
Our client faced difficulties to perform accurate operational monitoring down to the part level and suffered from **missing parts.**

SOLUTIONS ⌄

We developed and implemented an analytic tool, the **BOM TRACKER**, that allows to **anticipate missing parts on the entire chain and not only on the ERP side**:

- We analyzed our client's data model and **defined the shared assumptions and business rules** to anticipate the impacts of delays along the value chain
- We provided **enhanced visibility to the Supply Chain team** on parts available in the 3D mock-up and not yet released in the ERP

We supported the deployment of the solution by :

- Training the client's team in the use of data visualization and analysis **ensuring tool impact and sustainability**
- **Defining target governance** enabling deep-dives, root causes identification and definition of a mitigation plan

KEY DELIVERABLES ⌄

Validated business assumptions
shared cross-functional business rules to ensure data quality and stakeholders alignment

End-to-end BOM TRACKER
enabling identification of potential missing parts in production

Operational governance and key reportings
to ensure cross-functional performance