The actual context is challenging the existing Aerospace & Defense Supply Chain limits, putting the overall value chain at risk

CONTEXT

Before Covid, the industry ramp-up was steady and relatively predictable, restricting difficulties to a limited number of well-known issues. Today, crisis are diffused and with no more safety stocks, they are having more impacts while ramp-up speed is higher than ever.

Post Covid Period	• Financial stress on SC / bankrupt • Aggressive ramp up post COVID • Difficulties to meet recruitment needs • Broken raw materials supply
Inflation Reduction Act (IRA)	• Competitiveness gap with the US • Revision of industrial and Supply Chain footprint & structure
Ukraine War	• Ramp up on Defense products • Broken raw material supply • Increase of purchasing costs • France / EU sovereignty
Cyber risks	• Resilience of IS • Risks on integrated / interconnected SC • Low awareness of suppliers • Curative to preventive actions
CSR Develop-ment	• Sustainable Supply Chain Management & Suppliers code of conduct • REACH : review of manufacturing process and product specificities
Sector consolida-tion	• Power balance between main manufacturers and Tier one and Tier two suppliers • Increase of opportunities due to new fragilities

SECTOR CHALLENGES

① After headcount reduction, **rebuild company organization & talent** to **better anticipate** and **manage risks**

② **Master and manage further** the Supply Chain to **Tier 3 suppliers** (from Tier 1 or 2 previously)

③ Deal with the **multiplication of supplier crisis** (OTD, OQD) in parallel with building **resilient Supply Chain**

④ Manage **evolving industrial and Supply Chain structure** : new suppliers, transfer of work, complexity

⑤ Reshape **scheduling practices & inventory management** to better absorb instability and future crisis

⑥ **Connect the whole value chain** for more **end-to-end visibility**, **better forecast** and **agility**

OUR PROPOSAL

① Assess the situation

- Data crunching
- On-site Gemba & focus interviews
- Maturity assessment
- Suppliers / Parts criticality

② Contain supply crisis

- Root causes analysis
- Tiger Team
- Containment & corrective actions
- Recovery plan scenarios

③ Secure the Supply Chain through organization & maturity

- Supply Chain Strategy
- Supply Chain footprint
- End-to End Supply Chain Scheduling
- Supply Chain Control Tower
- Integrated Supply Chain Organization
- Suppliers risk management
- Supplier Quality Wall
- Engineering changes integration

Maexinvent has a strong experience and expertise in improving Supply Chain performance in Aerospace and Defense

OUR EXPERIENCES

We have an extensive track record of successfully addressing Supply Chain performance in the Aerospace & Defense industry :

Recovery plan of external Supply Chain of major tier-1 supplier in a production ramp-up	**- 63%** Supplier delays volume
Supplier rate readiness assessment and support to secure industrialization & production ramp-up	**+ 15%** OTD
Definition and set up of a **Supply Chain Control Tower** to anticipate and mitigate risks with a horizon of 8 weeks for a major aircraft manufacturer	**+ 30%** Planning stability
Set up of an **incoming quality gate process and supplier NC boost plan** to protect the value chain of a major aerospace actor	**- 23%** Suppliers OSW

OUR STRENGTHS

- **Strong experiences** in supporting **transformations in Aerospace & Defense, in ramp-up context**
- **Extensive expertise** in Supply Chain strategy, management and recovery
- **Pragmatic approach and tailored solutions**, co-constructed with your teams
- **Alternative** to large consulting firms or usual consultants
- French German team with a mix of **experienced consultants and operational profiles**
- Value creation **"from analysis to action"** with **lasting results**

OUR EXPERTISES

Our consultants have extensive skills and expertises in all aspects of the Aerospace & Defense value chain, complementary to Supply Chain management