



Gestion de crise de la Supply Chain dans l'Aéronautique & Défense

The current 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 Development

- Sustainable Supply Chain Management & Suppliers code of conduct
- REACH : review of manufacturing process and product specificities

Sector consolidation

- 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

End-to-End Supply Chain Scheduling

Integrated Supply Chain Organization

Supplier Quality Wall

Supply Chain footprint

Supply Chain Control Tower

Suppliers risk management

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



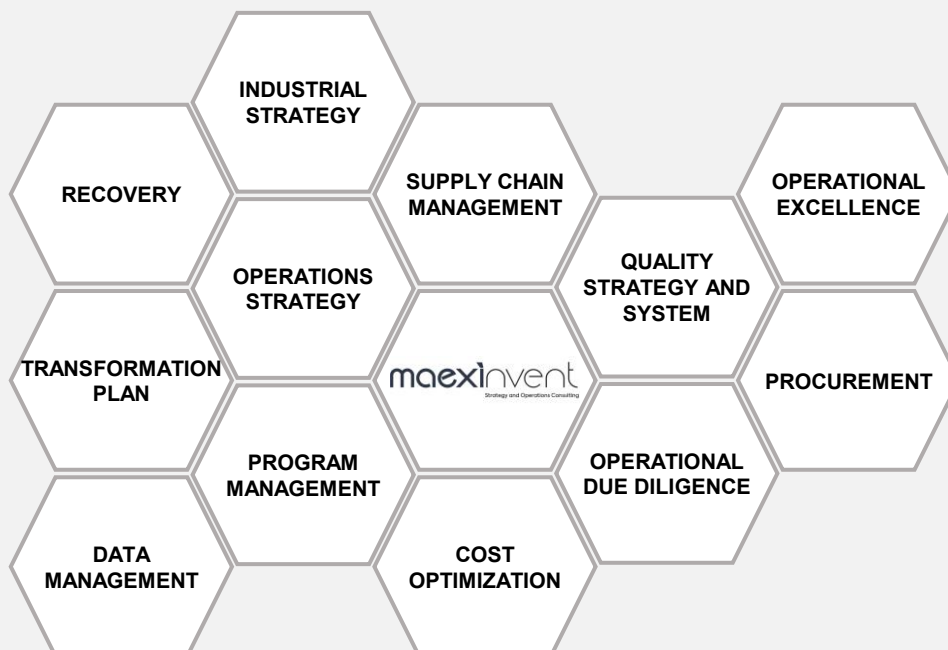
- 23%
Suppliers OSW

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



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