



Supply Chain Resilience Checklist

Is your supply chain prepared for disruption, audits, and compliance challenges?

Orthopedic OEMs face unique pressures: recalls, sterilization bottlenecks, regulatory audits, and global raw material shortages. Resilience means more than redundancy — it means building systems that withstand disruption without compromising compliance or delivery.

Use this checklist to evaluate your current state and identify gaps:

1. Compliance & Audit Readiness

- ISO 13485-certified partners across critical steps (assembly, packaging, sterilization)?
- Integrated quality systems from suppliers through final release?
- Audit-ready documentation available within 24 hours?

2. Sterilization & Packaging Capacity

- Secured sterilization capacity (not dependent on single external vendors)?
- Sterile packaging validated for global distribution requirements?
- Flexibility to pivot between sterilization modalities?

3. Supply Continuity & Risk Mitigation

- Monitoring raw material availability (e.g., titanium, polymers) for risk signals?
- Secondary processes or facilities in place to prevent bottlenecks?
- Ability to scale production quickly during demand spikes?

4. Logistics & Delivery Reliability

- Products assembled, packaged, and sterilized under one roof to minimize handoffs?
- Geographic flexibility (multiple sites, cross-border facilities)?
- Shelf-life data sufficient for long distribution cycles?

Your Score:

- 10–12 checks = Strong resilience
- 6–9 checks = Moderate resilience, gaps exist
- 0–5 checks = High risk

Next Step:

Strengthening resilience doesn't just mean adding backups — it means integrating compliance, logistics, and sterilization readiness. LSO can help. With in-house assembly, packaging, sterilization, and logistics across U.S. and Costa Rica facilities, we provide true end-to-end resilience for orthopedic OEMs.

Schedule a consultation at www.lso-inc.com/contact or info@lso-inc.com