



► Customer Profile

From Bid to Execution: L3 Waco's 90-Day Turnaround with Solumina

► Industry Aerospace and Defense

► Customer Situation

L3 Waco, a division of L3 Aerospace, specializes in complex aircraft modifications for both legacy platforms and “green tail” aircraft—newly delivered, unfinished airframes that require extensive customizations. Programs like the KC-10 and C-130 demand rapid execution, precision, and consistent documentation. **To stay competitive and win new business, L3 Waco needed to move beyond paper-based processes and accelerate their digital transformation.**

► Challenge

- **Managing complex modification programs** across aging and new aircraft platforms
- Relying on **paper-based work instructions that slowed production** and introduced inconsistency
- **Competing for a new helicopter modification contract** with only a few months to generate, validate, and deploy executable work instructions
- Needing to **prove their digital readiness and production capability** during the bid process

► Solution

- **Implemented Solumina to digitize work instructions** across programs like the KC-10 and C-130
- Standardized authoring and execution processes to **improve speed and precision**
- Leveraged Solumina's flexibility to **quickly stand-up new programs** and respond to fast-changing requirements
- **Used Solumina's rapid deployment capabilities as a differentiator** during the helicopter program bid

► Outcome

- Delivered executable digital work instructions in just **three months**
- **Won the helicopter modification contract** by demonstrating unmatched speed and digital capability
- Successfully executed the program, **exceeding customer expectations**
- **Positioned L3 Waco for future wins** with a scalable, paperless process that ensures quality and compliance