Patria Belgium Engine Center
Transforms Engine Overhaul with Solumina MRO

Replacing paper processes to improve turnaround times and accuracy in engine sustainment.

The Challenge

- Legacy, highly customized SAP system expiring in six months
- Needed a paperless MRO solution to reduce errors and improve compliance
- Required a solution needed to meet critical deadlines for F100 engine sustainment

The Outcomes

- **100%** Paperless manufacturing
- **20-30%** Faster average assembly turnaround
- Reduced human errors
- Digital work instructions simplifying workflows
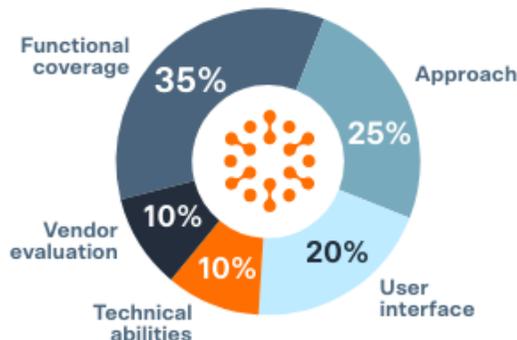- Real-time data access for continuous improvement

The Evaluation

- **6 vendors evaluated → 3 shortlisted**
- **32 user activities scored**
- **Solumina** ▶ Ranked **1**
- **Criteria weighting:**

  - Functional coverage **35%**
  - Approach **25%**
  - User interface **20%**
  - Technical abilities **10%**
  - Vendor evaluation **10%**

The Solution

- Solumina MRO
- Majority of functionality is covered by standard out-of-the-box offering + a few specialized features
- 1-year implementation with extended testing
- Cutover in a single weekend – smoothest go-live in team's experience

Lessons Learned

- Deploy test cases to uncover inefficiencies early.
- Dedicate both internal and iBase-t teams to the project.
- Be realistic. Complexity adds time but ensures success.
- Data migration requires patience, but the payoff is worth it.

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iBase-t Aerospace & Defense Experts