



► Customer Profile

From Blueprint to Battlefield: How Solumina Powered Textron's Military Win

► Industry Aerospace and Defense

► Customer Situation

Textron Marine & Land is part of **Textron Systems**, which, along with Bell and Textron Aviation, forms the core of Textron's operating businesses. They competed for the U.S. military's next-generation LCAC (Landing Craft Air Cushion) program. This high-profile contract **aimed to revolutionize how military assets deploy troops and equipment to shore**, demanding speed, accuracy, and digital transparency.

► Challenge

To win the contract, Textron had to meet **a new and stringent requirement**: deliver each ship with a **fully digital, paperless process system**—including **process definition, execution tracking, and a full digital genealogy** of the craft. This was the U.S. military's early move toward **digital twins**, demanding traceability from design through delivery.

► Solution

Textron deployed **Solumina by iBase-t**, enabling them to:

- Rapidly digitize their manufacturing operations
- Seamlessly collect and deliver production data with the vehicle
- Prove compliance and traceability with a digital twin

► The Outcome

- Won the competitive LCAC contract
- Met and **exceeded government compliance** demands
- **Delivered** their first vehicle **ahead of schedule**
- Positioned itself as a **modern, digitally-enabled defense contractor**

Uncover how the Digital MRO drives readiness with real-time data, prognostics, and supply chain agility—helping you stay mission-ready and cost-efficient.