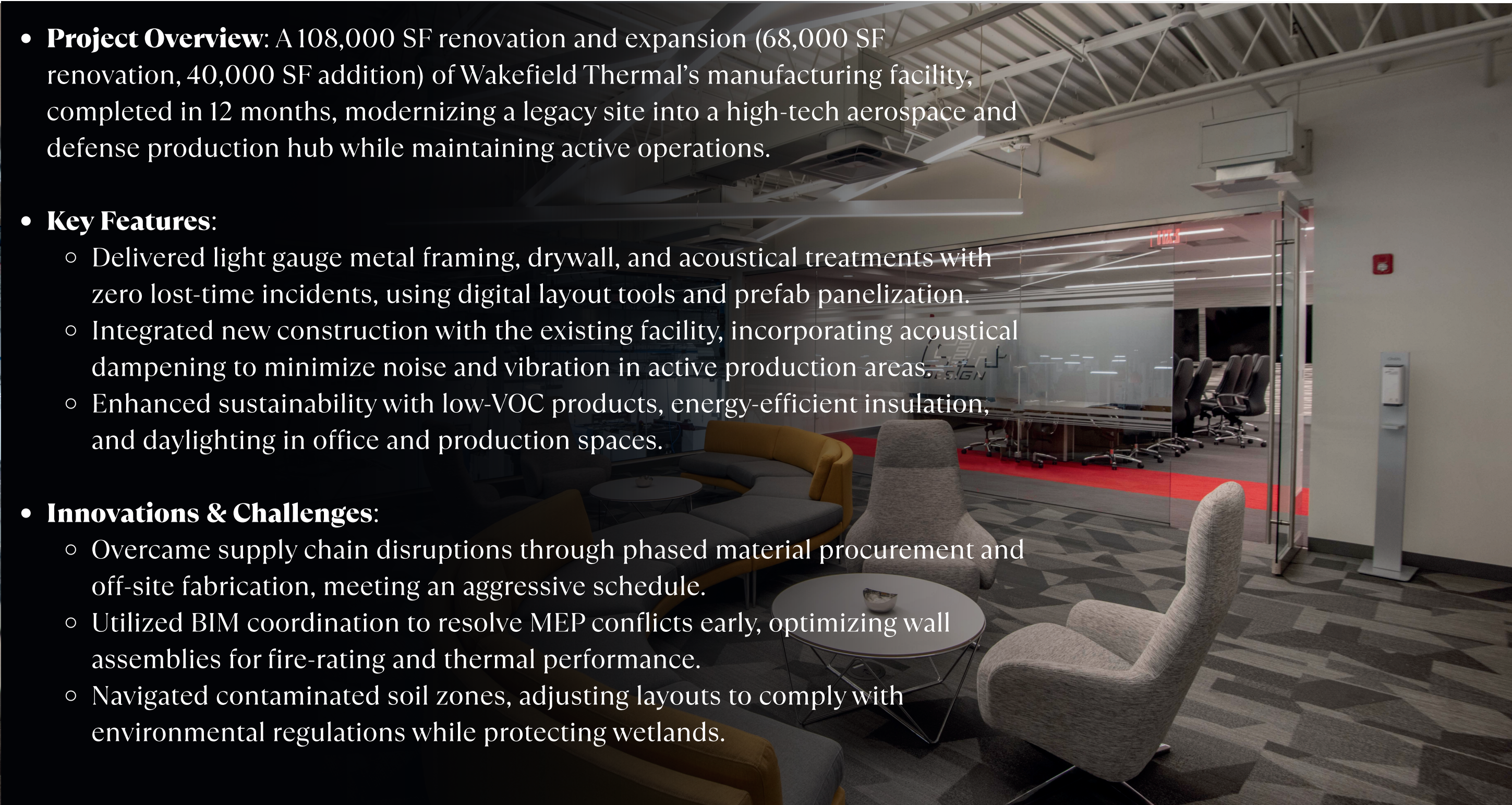


Wakefield Thermal Facility Expansion

Exeter, NH | Optiline Enterprises LLC



- **Project Overview:** A 108,000 SF renovation and expansion (68,000 SF renovation, 40,000 SF addition) of Wakefield Thermal’s manufacturing facility, completed in 12 months, modernizing a legacy site into a high-tech aerospace and defense production hub while maintaining active operations.
- **Key Features:**
 - Delivered light gauge metal framing, drywall, and acoustical treatments with zero lost-time incidents, using digital layout tools and prefab panelization.
 - Integrated new construction with the existing facility, incorporating acoustical dampening to minimize noise and vibration in active production areas.
 - Enhanced sustainability with low-VOC products, energy-efficient insulation, and daylighting in office and production spaces.
- **Innovations & Challenges:**
 - Overcame supply chain disruptions through phased material procurement and off-site fabrication, meeting an aggressive schedule.
 - Utilized BIM coordination to resolve MEP conflicts early, optimizing wall assemblies for fire-rating and thermal performance.
 - Navigated contaminated soil zones, adjusting layouts to comply with environmental regulations while protecting wetlands.



- **Project Impact:** Transformed the facility into a future-ready production hub, delivered on time and within budget, earning praise for safety, precision, and environmental stewardship.
- **Teamwork:** Achieved through Optiline Enterprises’ leadership in interior systems, with Fulcrum Associates (construction manager), AHP Architects, Fitzmeyer & Tocci (MEP), Goldstein Milano LLC (structural), and TFMoran (civil), supported by Optiline’s project team: Leo Marchesseault, Denis Alves, Denis Dube, Roger Colem, Monica Baez, and Hector Velez.

