INFORMATIC
TECHNOLOGIES

CASE STUDY

Implementation of Infor CloudSuite ERP LN with Infor OS

Company Overview

Industry: Aerospace & Defense Manufacturing

Size: $3 Billion in revenue, 12,000+ employees, multiple global production facilities

Location: North America & Europe

ERP Solution Used: Infor CloudSuite ERP LN integrated with **Infor OS**

≋ Business Challenges:

The company faced multiple operational challenges due to outdated, disconnected systems across different business functions. Key pain points included:

- **Lack of System Integration:** Multiple legacy applications created data silos across finance, production, and supply chain.

- **Limited Real-Time Insights:** Decision-making was delayed due to manual reporting and data inconsistencies.

- **Complex Regulatory Compliance:** The company struggled with managing aerospace-specific regulations such as **ITAR, FAA, and AS9100**.

- **Inefficiencies in Manufacturing & Logistics:** Lack of visibility into production workflows led to high lead times and cost overruns.

- **Scalability Issues:** The existing ERP system could not support global expansion efforts.

≋ Solution: Infor CloudSuite ERP LN + Infor OS

To address these issues, the company adopted **Infor CloudSuite ERP LN** with **Infor OS** (Operating Service), which provided:

- **Infor OS Integration Hub:** Unified data from multiple sources, eliminating silos across departments.

- **Infor ION (Intelligent Open Network):** Allowed seamless communication between ERP, MES (Manufacturing Execution Systems), and PLM (Product Lifecycle Management) solutions.

- **Infor AI & Data Lake:** Provided real-time data analytics for better decision-making.

- **Automated Compliance & Security:** Streamlined audit trails and regulatory reporting for ITAR, FAA, and AS9100 compliance.

- **Cloud-Based Collaboration:** Enabled global teams to access real-time operational data securely.

Implementation Strategy:

Phase 1: Discovery & Planning

- Assessed integration needs across **finance, supply chain, manufacturing, and compliance**.
- Defined key performance indicators (KPIs) for digital transformation.

Phase 2: Data Migration & System Integration

- Migrated data from legacy ERP to **Infor CloudSuite ERP LN**.
- Integrated with **Infor OS** for seamless data flow between MES, PLM, and financial systems.

Phase 3: AI & Automation Enablement

- Implemented **Infor Data Lake** for predictive analytics.
- Configured AI-driven **machine learning models** for demand forecasting and production planning.

Phase 4: Training & Go-Live

- Trained cross-functional teams on Infor OS and ERP LN workflows.
- Rolled out system in phases to minimize disruptions.

Key Benefits Achieved:

End-to-End Visibility & Integration

- Unified business operations, improving collaboration between **engineering, production, and finance**.

Real-Time Decision-Making

- AI-driven analytics reduced **reporting time by 50%** and improved forecasting accuracy.

Improved Compliance & Security

- Automated audit trails ensured **100% compliance** with industry regulations.

Operational Efficiency

- Automated workflows reduced **manual processes by 40%**, leading to faster production cycles.

Scalability & Global Expansion

- Cloud-based deployment allowed easy integration of **new manufacturing plants** without additional infrastructure costs.

Conclusion

The adoption of **Infor CloudSuite ERP LN with Infor OS** transformed the company's **manufacturing, supply chain, and compliance operations**. By integrating AI, automation, and real-time analytics, the company improved decision-making, reduced costs, and positioned itself for future growth.