



OVERVIEW

To improve efficiency and establish a company standard across multiple sites, **CIMx**:

DEVELOPED A PRODUCTION DATA STANDARD THAT MANAGED UNIQUE PROCESSES AT EACH SITE WHILE INCREASING EFFICIENCY ACROSS THE ENTERPRISE

IMPLEMENTED MANUFACTURING SOFTWARE AT EACH SITE TO ENFORCE STANDARDIZATION AND INCREASE MANUFACTURING VISIBILITY AND CONTROL

CREATED A SINGLE SOURCE OF PRODUCTION RECORDS BY INTEGRATING TO LEGACY SYSTEMS

PROBLEM

An aerospace and defense manufacturer struggled to share work, planning and data across sites because they lacked a company standard. Each site had different workflow processes and used unique naming conventions. Attempts to collect data or run reports from multiple sites resulted in errors. Planning couldn't be shared across sites resulting in duplicate work, errors and difficulty accessing production data.

Internal resources hadn't been successful in establishing a sustainable company standard for manufacturing data, so they turned to CIMx for a solution.

RESULTS

Production benefitted from increased collaboration, and management has control of standard "best practice production plans."

Increased efficiency has become a major cost savings at every plant; customer estimates place the savings at more than US\$1M annually. These sustainable savings were a result of increased staff efficiency and the ability to accurately and quickly transfer work between plants.

The integration strategy developed by CIMx enabled uninterrupted operation throughout new software application releases, customer configuration changes and updates of both the services by CIMx and by other vendors for more than 15 years without additional infrastructure or project requirements. CIMx continues to serve the customer as a valuable partner.

SOLUTION

CIMx assessed the company workflow processes and the information needs at headquarters and the local sites. The solution developed and agreed to by the manufacturer included implementing a company-wide manufacturing software system.

CIMx worked with the sites and central organization to develop standards that could be configured and implemented in the software system. Collaboration with local compliance teams created standard work instructions in the new system including special processes unique to local workflows.

Integrating the manufacturing data required connections to multiple legacy systems. CIMx developed the integration strategy with the sites and the central team. Systems included the Oracle ERP (Enterprise Resource Planning) business system and an internal Quality Management System (QMS).

The integration solution supported custom reporting requirements and special site-specific operations in the standard planning. This allowed sites to continue to use local rule sets and create local reports where necessary without compromising the company standard.

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