

## LOCKHEED MARTIN CATALOG ORDERING FRONT PAGE Case Study

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#### What is the intended outcome?

The purpose of this project was to provide a user-friendly interface, provisioning, and integration into back office billing, ordering, fulfillment, and user management system. TDC SI proposed a solution utilizing a real-time or near real-time web-based ordering and approvals workflow system for products and services. All transactions were planned to be conducted electronically. The back-end aspects of the system were provided with defined data.

#### What advantages can the catalog ordering front page project bring?

The proposed front page solution will provide product information, ordering forms, access to approvals, billing information, links to other resources, software downloads, training material, pricing, and other information needed by customers in one central, electronic location.

TDC SI developed the product ordering request system to more effectively track the current disposition of items at any given time. For example, users will have the ability to check if equipment was returned when an employee leaves

or transfers and they will have the ability to disable user accounts. End users and their superiors will easily be able to find out what was ordered and track the order. TDC SI solution will bridge the gap between internal and external actions.

#### Background

The Lockheed Martin Enterprise Information Systems (LMC EIS) Product Order Request Interface was needed to allow LMC employees the ability to purchase products and services as well as the ability to review documentation pertaining to those items.

#### The Challenge

The proposed solution was created to accommodate various provisional databases throughout the enterprise system. This database was the holding area for pushing information by using various tools from EAI (Enterprise Application Integration) tool set.

#### The TDC Systems Integration Advantage

TDC Systems Integration is a full service systems integrator serving customers in North and South America.

Our team assessed several applications/tools including their features, benefits, architecture design, data structure, processes, reporting capability, ease of use, and their pros and cons.

## **TDC Systems Integration successfully created a centralized product ordering system for Lockheed Martin.**

### **SCOPE OF WORK**

TDC Systems Integration has extensive working knowledge of the Lockheed Martin infrastructure from successfully completing past projects for LMC EIS. We have maintained continuity for the next project thereby lessening the learning curve required for future projects and allowing TDC SI to offer a more cost effective solution.

#### *Our action plan*

- Provide a high-level implementation document that details the preferred processes.
- Conduct interviews with program management and the technical team to gather all information necessary to understand the architecture vision.
- Analyze the evaluated tools and processes for the final tool/process selection and proposed the most suitable solution based on the LMC EIS requirements.

#### *Our Accomplishments*

- Detailed the design and implementation aspects of the Product Order Request interface.
- Created a roadmap and flowchart to demonstrate how the process will flow and how dialog occurs between an End user and the Application start and finish.
- Devised the methodology to link the Product Order Request Catalog to the end product.
- Provided an architecture that is robust, scalable, reliable and secure in support of current and future LMC requirements.

### **ABOUT THE COMPANY**

The company's depth of experience, efficiency and attention to detail results in successful projects and contributes to TDC SI's ranking as one of the fastest growing and successful contracting firms in the nation.

#### *Industries We Serve:*

- ◆ Department of Transportation
- ◆ Aviation
- ◆ Public Safety
- ◆ Healthcare/Medical
- ◆ Local, State, and Federal Municipalities

#### *Our Services:*

- \* IT services, solutions & support
- \* Facility build out (elec., HVAC, cabling)
- \* Network/system infrastructure
- \* DOT installations (traffic signal, overhead interstate message boards, interstate cameras, mass lighting)
- \* Aviation technology solutions, services and support