



## CUSTOM SOFTWARE SOLUTIONS

Founded in 1985, GPC Systems, Inc. (GPC) has developed, maintained, and enhanced custom software systems for Microsoft Dynamics™ GP applications for businesses and organizations throughout the Washington D.C. area. Many of our customers have been with us since our inception. We continue to enhance and modify some of the systems we first designed 10 years ago.

We are a team-oriented, professional organization dedicated to providing the highest level of customer satisfaction. The GPC staff has more than 100 years of collective data processing experience and extensive knowledge in multiple database programming languages. We are committed to helping our customers in today's competitive market by developing and enhancing custom software systems and leveraging new technologies to meet their corporate needs.

### ARMY EMERGENCY RELIEF AND COAST GUARD MUTUAL ASSISTANCE

Army Emergency Relief and Coast Guard Mutual Assistance are engaged in providing interest-free loans and grants to active and retired service members and their families when they are in financial distress. Both aid societies have numerous installations overseas that service their clientele.

#### Problem

There were no off-the-shelf software packages that would allow them to collect the assistance data in their remote locations and transmit it to a loan management system that would integrate tightly with Microsoft Dynamics™ GP. Both organizations contacted GPC Systems for a solution.

#### Solution

GPC created the **Samaritan** software for AER and the **CMP** web application for CGMA to make emergency assistance and fund-raising processing for its military aid clients fast, simple and efficient worldwide. Samaritan is a powerful and flexible data capture application designed to record lending and fund-raising activities remotely and transmit this information to Headquarters via the Internet. In addition, Samaritan contains a module to manage its annual donations campaign. **CMP** is a web application that provides virtually the same assistance functionality as Samaritan.

Military aid society staff members anywhere in the world can start up Samaritan and CMP to process a loan or grant request. When processing loans, the screens collect the loan data in an intuitive series of tabs that follows their workflow. When finished, the form can be quickly and easily sent to HQ for processing via the World Wide Web.





Within moments the loan request can be seen at HQ and acted upon. No bulky paper reports to print and mail. Samaritan and CMP give you 24-hour-a-day, seven-days-per-week access to assistance processing and is fully integrated with the GPC Loan Management System.

The **Loan Management System (LMS)** is designed to integrate with Samaritan and CMP data collection software at the front-end, and Microsoft Dynamics™ GP at the back-end. GPC designed **LMS** with user interfaces that have the look and feel of Microsoft Dynamics™ GP to deliver the loan data to the corresponding modules in Microsoft Dynamics™ GP. The primary features of **LMS** are:

- Validates the loan data entered by the user
- Calculates repayment schedules
- Generates invoices and handles loan repayments
- Manages loan exceptions
- Ages loan repayments and manages delinquencies
- Interfaces with collection agencies
- Handles bankruptcies
- Stores loan history data for quick retrieval (MS SQL Database)
- Generates reports
- Seamlessly integrates with the A/R and A/P modules of Microsoft Dynamics GP accounting package

**LMS** is not dependent upon Samaritan or other data collection software to operate and can be easily customized for commercial lending processes.

### **Value**

Together, Samaritan and CMP have fully automated the assistance AER and CGMA renders to service members worldwide, saving time and creating efficiencies in throughout their operations. Moreover, LMS has enabled both AER and CGMA to improve their collection rates, saving hundreds of thousands of dollars per year.

### **AERO INTERNATIONAL, INC.**

AERO International Incorporated provides worldwide logistics and supply chain management for a full line of military aircraft and ground support equipment. Repair and overhaul services are provided on an expedited basis for aircraft and ground products. AERO supports virtually every U.S.-manufactured military aircraft currently active worldwide and its customers include domestic, international, commercial, and government operators. GPC built its original operating software in FilePro.

### **Problem**

The technology AERO was using was fast approaching the stage where it could no longer be supported. Off-the-shelf software solutions offered their own ERPs, but they were inadequate for AERO's needs. AERO asked GPC to develop a custom software program to



handle its quotes and orders, and requested that it be tightly integrated with Microsoft Dynamics™ GP at the back end.

### **Solution**

GPC developed Flightline, a top to bottom solution for AERO International's business processes. FlightLine provides supply chain management from request to quote, and generates Purchase Orders and Sales Orders automatically into Microsoft Dynamics™ GP. Requests for Quote (RFQs) are entered into a web interface and imported into the RFQ module for processing. (Faxed orders are entered manually into the same module). In addition to entering RFQs online, customers can log into the web interface to place and check the status of their orders.

The rapid response multi-database search feature for parts that GPC built delivers a comprehensive data-rich report. Internal history and external databases are accessed and queried seamlessly from the RFQ module to quickly identify sources of the requested items. When vendors have been identified and selected, Flightline generates and automatically sends a Vendor RFQ to each source. When the Vendor Quotes come in, the user selects the appropriate quote and converts it into a customer quote with a few keystrokes. Flightline handles the entire RFQ process, and integrates seamlessly with Microsoft Dynamics™ GP to handle the remaining sales processes.

In addition to Flightline, the front-end application, GPC customized Microsoft Dynamics™ GP to manage AERO's unique sales order processing. The sales order, purchase order, receiving and shipping documents, customer invoice and AP invoice are all created in Microsoft Dynamics™ GP.

### **Value**

Flightline fully automated AERO's sales and orders processes. By seamlessly integrating with Microsoft Dynamics™ GP, AERO is able to produce superior management and financial reports. Flightline's ability to query external and internal databases has expedited the process of sourcing line items for customers, creating efficiencies and increasing AERO's competitiveness.

## **THOMPSON HOSPITALITY**

Today, with approximately 2,500 employees, Thompson Hospitality is one of the largest minority owned businesses in the United States and the largest minority owned foodservice company in the world. Thompson owns individual restaurants and restaurant chains, and also supplies foodservice to universities all over the United States.

### **Problem**

With more than 100 remote locations operating cash businesses, Thompson was looking for a cost-effective, efficient solution to connect its remote users to their Microsoft Dynamics™ GP client. The alternative was to purchase client licenses for each site, a cost-prohibitive proposition. Moreover, Thompson's nationwide locations each sent bulky packages of



invoices and receipts via courier to headquarters each week. Not only were the courier charges high, but reporting was inaccurate and slow.

### **Solution**

GPC assured Thompson that it could create a web interface to create back-end Microsoft Dynamics™ GP transactions. The custom solution that was built for Thompson, My Thompson Web Interface (MTWI), is a user-friendly web interface to Microsoft Dynamics™ GP Accounts Receivable, Accounts Payable, Cash Receipts & Deposit modules. Users are able to create, print, and submit quotes, orders, and invoices. Cash receipts from customers can be entered and applied to open invoices, and users are able to pay Accounts Payable invoices remotely. Deposits are recorded directly in the application. Moreover, users are able to scan and upload images of invoices and cash receipts and transmit them to a secure location on the network. Using e-Connect, the application creates unposted AP and AR batches on the Microsoft Dynamics™ GP server. The document images can be retrieved from the Transaction Entry and Inquiry window in GP or from the Easy e-Accounting web interface.

### **Value**

Remote locations do not require a client installation of Microsoft Dynamics™ GP and additional user licenses for entering AP, AR, cash receipts and deposits. The cost savings are significant. Not only was Thompson spared the cost of additional Microsoft Dynamics™ GP seats, the company also has gone completely paperless. There is no need for field operations to collect receipts and invoices and ship them to headquarters weekly. Thompson is now able to access AP and AR invoices, cash receipts and deposits from its remote locations instantly. As a result, there are fewer accounting errors, and Thompson is able to monitor its cash from remote locations to minimize loss.