Advantages of Custom Software

- Custom software can be tailored exactly to meet all customer requirements
- Better performance as the software is more focused on specific objectives
- Access to source code means expandability in new directions

Can-Technologies Services and Expertise

Can-Technologies has a team of software development professionals with experience in a wide range of technologies including the following:

**Applications**
- C#, C/C++
- VB.NET, VB6
- Java
- Perl

**Database**
- Microsoft SQL Server
- Oracle Database
- MySQL
- OSISoft PI

**Industrial/Hardware**
- OPC Server/Clients
- Serial Protocols
- Assembly Language
- Hardware Interfacing

**Web**
- HTML
- PHP
- ASP.NET
- Web Scripting

**Distribution/Interoperability**
- XML
- Web Services
- Service Oriented Architectures

Can-Technologies provides complete software solutions from initial design to final implementation to meet the needs of your Production, Maintenance and IT Departments. Software design takes many factors into account including: how to best solve the business problem, user experience needs, IT architecture standards, system extensibility, and many more. Designing software for the manufacturing plant floor environment poses unique challenges itself. Manufacturing system software must interact with a variety of other systems with many different programming levels, from common high-level programming interfaces to low-level hardware protocols. All applications, despite these differences in platforms, purpose, or age, must be seamlessly integrated with in a way that is often completely invisible to the plant floor.
Prior to the launch of a newly designed model, an automotive manufacturer determined that the PLC controller which made rule-based decisions for the control of a conveyance system did not have the capacity to manage the attributes of the new model. It was deemed that the rule-based system which existed in PLC logic only would need to be reverse engineered, then expanded for flexibility into the realm of software-based control.

Case Study 2: Rule-Based Control of Product Conveyance System

Prior to the launch of a newly designed model, an automotive manufacturer determined that the PLC controller which made rule-based decisions for the control of a conveyance system did not have the capacity to manage the attributes of the new model. It was deemed that the rule-based system which existed in PLC logic only would need to be reverse engineered, then expanded for flexibility into the realm of software-based control.

Can-Technologies worked closely with the customer, following their established standards for application development, and documentation, and produced the complete system, using current technology including C#, ASP.NET, XML, Web Services, Microsoft Message Queuing, and Oracle. The system was successfully deployed on time and within budget.