

**Providing Effective & Reliable Solutions**

DMC 's service offerings include high level expertise in the following areas:

**MANUFACTURING AUTOMATION  
AND INTELLIGENCE**

**TEST AND MEASUREMENT  
AUTOMATION**

**CUSTOM SOFTWARE ENGINEERING**

## DMC — EXPERT ENGINEERING + SOFTWARE SERVICES

### DMC provides effective and reliable solutions using state-of-the-art technology

DMC offers high-caliber engineering and software development services for manufacturing, testing, and product development organizations in the Chicago area and throughout the world. Since 1996, we have been building mission-critical systems for top organizations.

We apply emerging and proven technologies, enabling our clients to succeed in today's global markets.

Understanding the latest in automation technology and the skilled application of these tools is the foundation of our business.

Our innovative engineers have seen countless scenarios and will bring you experience-based practices and expert analysis. We manage your project from concept to programming to training, a *full lifecycle* which provides a higher level of comfort for your staff when the job is complete.

We design systems with change in mind, *flexible systems*, with a high level of configurability allowing future modifications to be made with ease—*saving you time and money*.

We believe that clients should continue working with us because they *want* to, not because they have to. We therefore deliver full source code, offer various training options and readily share information with our clients.

Our role isn't just about the implementation of your solution. The technology selection process can be complicated. You can count on the expert consultants at DMC to guide you through strategic and technical decisions with *unbiased recommendations*, enabling you to make informed choices.

We deliver systems built for *rock-solid reliability* with the potential to evolve with changing needs.

**Talk to us about how we can help you today.**



Our diverse experience in technology, industry and processes allows us to bring best practices from many areas. We deliver solutions not available from singularly focused organizations.

Our experience is broad and deep. We have a proven track record in a wide range of industries including:

- ◆ Automotive
- ◆ Chemical
- ◆ Consumer Goods
- ◆ Converting
- ◆ Defense Contracting
- ◆ Food & Beverage
- ◆ Packaging
- ◆ Pharmaceutical
- ◆ Printing
- ◆ Semiconductor
- ◆ Specialty Machinery
- ◆ Telecommunications
- ◆ Test and Measurement
- ◆ Energy & Utilities

## Project Management Circle of Life

Requirements  
Specifications  
Design  
Development  
Commissioning  
Validation  
Documentation  
training

## MANUFACTURING AUTOMATION & INTELLIGENCE

We develop software and control solutions for the complete manufacturing environment.

- ◆ Assembly Line & Machine Control
- ◆ Process Automation
- ◆ Inventory Control Tracking
- ◆ SCADA Systems & Plant Floor Networking
- ◆ Manufacturing Execution Systems
- ◆ ERP Connectivity & Productivity Dashboards

We have high level expertise with the following:

- ▶ Motion Control
- ▶ Machine Vision
- ▶ Robotics
- ▶ Industrial Networks
- ▶ DCS
- ▶ PLCs
- ▶ PC-Based Control
- ▶ Bar Coding
- ▶ RFID

We have multiple industry certifications and work with all major manufacturers of hardware and software in the industrial automation space.



## TEST & MEASUREMENT AUTOMATION

We create custom control and data acquisition test systems for manufacturing and laboratory applications.

- ◆ Instrumentation & Signal Conditioning
- ◆ Real-Time Data Acquisition
- ◆ Test Control & Automation
- ◆ Data Mining & Reporting
- ◆ Technical Data Management
- ◆ Laboratory Information Management Systems

We create solutions to automate test development processes in the following areas:

- ◆ In-Line & End-of-Line Testing
- ◆ Quality Control Laboratories
- ◆ Product Development and R&D Test Facilities
- ◆ Research Laboratories

DMC Engineers are proficient in the following areas:

- ▶ NI LabVIEW
- ▶ FPGA & RTOS Platforms
- ▶ Distributed Control & Testing
- ▶ State Machine Control
- ▶ Large Application Development

DMC is proud to be a National Instruments' Alliance Member since 1997 and boasts one of the largest teams of Certified LabVIEW Developers in the Midwest.

## CUSTOM SOFTWARE & PRODUCT DEVELOPMENT

**Creative solutions where software and hardware meet:** Our multi-disciplined team leverages industry know-how and engineering expertise to create software for hardware-based systems.

- ◆ Hardware Design
- ◆ Component Selection & Connectivity
- ◆ Embedded Applications
- ◆ PC Applications
- ◆ Database Applications
- ◆ Web-Based Applications
- ◆ Driver Development & SDKs

We combine our expertise in **Manufacturing** and **Test Automation** with the latest software tools to deliver innovative applications.

- |                    |                      |
|--------------------|----------------------|
| ▶ MS Visual Studio | ▶ Visual C++, C#     |
| ▶ ASP.NET          | ▶ VB.NET             |
| ▶ Embedded C       | ▶ WinCE              |
| ▶ XP Embedded      | ▶ Java               |
| ▶ Embedded Linux   | ▶ SQL Server         |
| ▶ MS SharePoint    | ▶ Reporting Services |

We are a Microsoft Gold Certified Partner with certified engineers in custom development and database applications.



## THE KEYS TO DMC'S EXCELLENCE

**We believe we are successful only when our customers are successful.**

### **We Deliver Value**

DMC understands the importance of realizing a reasonable ROI on a project and we will work with you to make sure that the project makes sense. We help our customers become more competitive by doing things such as optimizing production lines, reducing

### **Our People Make a Difference**

DMC specializes in attracting and retaining employees who are excellent team players— knowledgeable, responsive, and focused. Our people are professional, honest, smart, collaborative, Getting things done - can do attitude, Smart People , People, People Skills

### **We Have a Proven Track Record**

Stay Up to date with latest technologies, Certifications , Experience, Proven Methodology, Standardization, Depth of Experience, Broad-Based Industry Knowledge, Proven Success, Strategic Partnerships, Innovation

### **You'll Like Working with Us**

Flexibility, Good to work with - Corporate Culture, Professionalism, Knowledge Transfer, Transparent, Honest, Consistent Communication, Collaboration with customers & vendors. Collaborative Work. We understand that the best solution will come from a combination of efforts – yours and ours. We work in tandem with your team to make sure you have a full understanding of the testing technology, and we always keep you in the loop.

### **Your success is our success.**

We only believe we're successful only when our customers are successful. We have a focus on Customer Service Excellence where we understand the importance of responsiveness, listening, being nice, & exceeding expectations. We invest in relationships with our customers so we can make sure we understand their needs.



LET DMC START SOLVING YOUR  
PRODUCTIVITY CHALLENGES TODAY

**Solving Problems Through Applied Technology**

**DMC provides the most effective and reliable solutions using state-of-the-art technology.**

You are looking for the **best**.

You expect results that have rock solid **reliability**.

You are looking for a company whose **goals** align with yours.

Choose DMC to **improve your bottom line** by leveraging emerging and proven technologies.

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