



## Four Js Genero Global Edge Guide

## Logic Design Corporation

### Four Js Partner Profile

Founded in 1983, Logic Design Corporation (LDC) is a software development and technology integration company that specializes in innovative, leading edge software solutions that help manufacturing companies transform quoting, engineering and manufacturing to quote, design and build products better, faster and cheaper. With over 30 years of addressing the critical needs of manufacturing companies, LDC can provide your company with software and services that range from workflow software to manufacturing process consulting and to the design and programming of custom software applications. Our expertise helps manufacturing companies devise innovative methods to improve existing business and manufacturing procedures and processes to better compete in a competitive global manufacturing marketplace.

The core product of Logic Design Corporation is **Global Edge 2018 – Automated Manufacturing** that is developed utilizing the Four Js Genero software development platform:

**Global Edge® 2018 – Automated Manufacturing**  
The Power to Succeed in a Global Market

Powered By ...  genero.

### Four Js Genero Software Application

**Global Edge 2018 – Automated Manufacturing** is a fully integrated sales, engineering, manufacturing and accounting workflow system that was developed utilizing the **Genero** Enterprise software development platform. **Global Edge** provides the next level of productivity improvements for manufacturing companies by automating labor intensive workflow tasks from quoting to final product shipment. **Global Edge** includes the following integrated software modules:

- [Automated Quoting](#)
- [Automated Product Configuration](#)
- [Automated Routing Generation](#)
- [Advanced Bill of Materials Mgt.](#)
- [Integrated Document Mgt.](#)
- [CAD to ERP Integration](#)
- [Automated Workflow](#)
- [Supply Chain Management](#)
- [Integrated Manufacturing](#)
- [Integrated Financials](#)

**Global Edge® 2018 – Automated Manufacturing** is the premier quoting, product configuration, MES and ERP system for manufacturing. **Global Edge** starts with the generation of accurate sales quotes that helps deliver profitable orders for your company. In addition, **Global Edge** manages and improves the productivity of your workflow throughout the enterprise. **Global Edge** is an affordable “**Out-of-the-Box**” software solution that has been successfully implemented at manufacturing companies that range from small to Fortune 500 and easily adapts to a wide range of products.



## Premier Workflow System for Manufacturing

## Four Js Genero Consulting Services

Logic Design Corporation (LDC) is a software development and technology integration company that specializes in the design and development of Four Js **Genero** software applications. LDC has over 30 years of experience providing services in the following areas:

- **Genero** Application Design and Development
- Informix ISQL and Informix 4GL Migration to **Genero** Enterprise
- Database Architecture and Support
  - Informix
  - SQL Server
  - Oracle
- Remote Support of Applications
- CAD API Programming
  - SolidWorks
  - Solid Edge
  - Autodesk Inventor

## Why Genero?

- Four Js **Genero** supports our huge legacy code base (over 1 million lines of code)
- Four Js **Genero** is a very productive efficient software development language
- Four Js **Genero** is a modern full featured and capable software development environment

## The Future of Genero Development

Logic Design Corporation started with Informix iSQL and Informix 4GL and developed our software with the most productive tools available at the time. **Genero** software tools allowed us to continue with the most productive tools available as platforms evolved over the years. **Genero** is available to support the important platforms expected to be available in the coming decade. **Genero** is a full feature software development tool that provides us with features that allows us to keep our software modern and relevant offering our customers a powerful solution keeping them ahead of their competition.”

***“Logic Design Corporation counts on Four Js Genero to develop Global Edge® 2018 – Automated Manufacturing software, our core product, because it enables us to efficiently develop and support our applications better than any of other set of development tools available.”***

**Lars V. Hedman, President, Logic Design Corporation**

## LDC Consulting Services



Founded in 1983, Logic Design Corporation is a software development and technology integration company that specializes in innovative solutions for engineering and manufacturing. With over 30 years of business, software and manufacturing experience, LDC can provide your company with services that range from business and manufacturing process consulting to the design and programming of custom software applications. Our expertise helps manufacturing companies devise innovative methods to improve existing business and manufacturing procedures and processes to better compete in a competitive global manufacturing marketplace.




LDC provides consulting services that includes the following areas of expertise:

-  **Business Process Consulting**
-  **Engineering & Manufacturing Process Consulting**
-  **Software Development**
-  **2D / 3D CAD Programming**




### Business Process Consulting



-  **Strategic Business Planning**
-  **Proposal / RFQ / Presentation Development**
-  **Business Plan Development / Financial Modeling**
-  **Project Management**
-  **Enterprise Workflow Audit / Cost Analysis**

### Engineering & Manufacturing Process Consulting



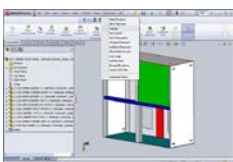
-  **Strategic Automation Planning**
-  **Engineering & Manufacturing Workflow Planning & Execution**
-  **Product Configuration**
-  **Routing Planning & Implementation**
-  **Shop Floor Integration**






### Software Development



-  **Four Js Genero Software Design & Development**
-  **Software Testing & Business Analysis**
-  **Technology Integration Programming**
-  **Web Site Design & Development**
-  **Database / ERP Connectivity**

### 2D / 3D CAD Programming



-  **Product Configuration / 3D CAD Model Generation**
-  **CAD API Programming**
-  **Shop Floor Drawing Preparation**
-  **Machine Tool Programming**
-  **CAD to ERP Integration**

## LDC Consulting Services (Key Project History)



Logic Design Corporation has delivered over a hundred successful projects since 1983 that range from consulting services to application software development. These projects have included the development of a complete accounting system, extensive 2D and 3D CAD software applications, design and programming of workflow software from quoting to final product shipment, including the direct integration and programming of shop floor machine tools. Most projects have included extensive process and workflow consulting to devise workflow and software solutions to automate labor intensive tasks throughout the entire manufacturing enterprise.

The following is some of the customers Logic Design Corporation has successfully completed projects for:

- **Cooper Power Systems – Waukesha, Wisconsin**
- **RAS Systems – Atlanta, Georgia / Sindelfingen, Germany**
- **DAVI Promau – Cesena, Italy**
- **Johnson Controls – Watertown / Milwaukee, Wisconsin**
- **TDK-Lambda Americas – Melville, New York**
- **Siemens Water Technologies – Waukesha, Wisconsin**
- **Carron Net Company – Two Rivers, Wisconsin**
- **AFW Foundry – Lannon, Wisconsin**
- **Estes Design & Manufacturing – Indianapolis, Indiana**
- **Expro Americas – Burleson, Texas**
- **Nelson Industries – Black River Falls, Wisconsin**
- **Aztek Engineering – Boulder, Colorado**
- **Safway Steel – Waukesha, Wisconsin**
- **Thermo Electron – Kaukauna, Wisconsin**

### Proven Real-World Successes

#### Cooper Power Systems – Waukesha, Wisconsin

Cooper Power Systems is a Fortune 500 company that designs and manufactures power distribution transformers.



As a result of the products and services delivered to Cooper Power Systems by Logic Design Corporation, a success story article was published in The Fabricator Magazine in the August 2009 issue. The Fabricator Magazine is the preeminent publication in the sheet metal fabrication industry. The following is a link to the success story article as it appears on The Fabricator web site and as it appears on the Logic Design Corporation web site:

<http://www.thefabricator.com/article/folding/koing-keystrokes>

<http://www.ldcglobal.com/images/The-Fabricator-August-2009.pdf>

#### Johnson Controls – Watertown / Milwaukee, Wisconsin

Johnson Controls (JCI), a Fortune 500 company, is a leading provider of equipment, controls and services for heating, ventilating, air conditioning, refrigeration and security systems.



As a result of the products and services delivered to Johnson Controls by Logic Design Corporation, a success story article was published in Informix Magazine in the Summer 2000 issue. The following is a link to the success story article as it appears on the Logic Design Corporation web site:

<http://www.ldcglobal.com/images/Johnson-Controls-Success-Story.pdf>

## Lars V. Hedman, Senior Consultant

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Mr. Hedman is Co-Founder and President of Logic Design Corporation with extensive experience working with manufacturing companies that range from small to Fortune 500 developing innovative methods that help transform engineering and manufacturing. His experience includes consultation on and design of engineering and manufacturing software solutions that range from PLM (Product Lifecycle Management) to ERP (Enterprise Resource Planning) software. Mr. Hedman has extensive experience in business process consulting and the development of company strategies and business planning. As President of Logic Design Corporation, Mr. Hedman has extensive experience in business development including the development and execution of effective sales and marketing plans. He received a Bachelor's of Applied Science Degree from St. Mary's University in San Antonio, Texas.

His consulting background includes the following:

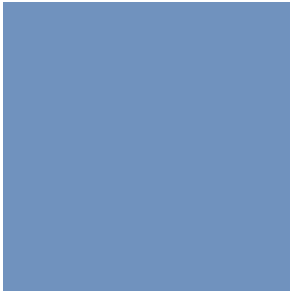
- **Strategic Business Planning**
- **Business Plan Development / Financial Modeling**
- **Project Management**
- **Enterprise Workflow Audit / Cost Analysis**
- **Strategic Automation Planning**
- **Engineering & Manufacturing Workflow Planning & Execution**
- **Product Configuration / Routing Planning & Implementation**
- **Software Testing & Business Analysis**
- **Web Site Design & Development**

Lars Hedman has extensive experience in all facets of a software company. This includes the entrepreneurial drive to formulate ideas to address the manufacturing marketplace and successfully execute those ideas. Mr. Hedman has the experience and expertise to work in a team environment to promote the ideas of many to determine the best and practical solution to marketplace challenges. This is driven by the experience of consulting with hundreds of people and companies throughout the years to better understand how the design and manufacturing process works within a manufacturing environment. The objective of the products and services of Logic Design Corporation has been to determine the common methods utilized by several manufacturing companies to devise a common software solution that applies to most manufacturing companies.

The net result of this philosophy, which has been carried through the LDC developed **Global Edge 2018 – Automated Manufacturing** software (<http://www.ldcglobal.com/images/Logic-Design-Corporation.pdf>), has been to develop an innovative and configurable software solution that solves the engineering and manufacturing workflow challenges of small, medium, and large scale manufacturing enterprises. Logic Design Corporation has been able to provide companies like Cooper Power Systems and Johnson Controls with innovative software solutions that help transform their engineering and manufacturing workflow process.

## ***Eric R. Hedman, Senior Consultant***

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Mr. Hedman is Co-Founder and Chief Technical Officer of Logic Design Corporation with responsibilities that include Director of Software Development with applications that range from engineering, to manufacturing, and accounting. He is the chief architect of the ***Global Edge 2018 – Automated Manufacturing*** system. His responsibilities include the management of the programming / support team of the Company, project planning and project implementation. Mr. Hedman's experience also includes business process consulting experience for manufacturing companies that range from small to Fortune 200. He is also a published author of articles on a range of technology issues. He received a Bachelor's of Science Degree in Mechanical Engineering from the University of Wisconsin.

His consulting background includes the following:

- **Strategic Business Planning**
- **Business Plan Development / Financial Modeling**
- **Project Management**
- **Database Architecture**
- **Software Design & Development**
- **Engineering & Manufacturing Workflow Planning & Execution**
- **Technology Integration Programming**
- **Product Configuration / Automated CAD Drawing Generation**
- **SolidWorks / Solid Edge / Autodesk Inventor 3D CAD Programming**

Eric Hedman has extensive experience in all facets of a software company which also includes recognition in the Aerospace and Defense community as a regular contributor to several publications. Mr. Hedman's body of work includes the following:

- **50 plus Articles on "The Space Review" Web Site ([www.thespacereview.com/article/372/1](http://www.thespacereview.com/article/372/1))**
- **Interviewed Congressman Jim Sensenbrenner**
- **Interviewed University of Wisconsin Professor Gerald Kulcinski – Member of NASA's Advisory Council and developer of world's only working Helium 3 Fusion Reactor**
- **Feature article published in "Space Times" the journal of the American Astronautical Society**
- **Invited to deliver presentation on Artificial Intelligence at the 2008 International Space Development Conference hosted by Hugh Downs of ABC News and Miles O'Brien of CNN**
- **Invited to take part in round table discussion at the Center for Strategic and International Studies in Washington DC**
- **90 Minute interview on the nationally syndicated radio show "The Space Show" hosted by Dr. David Livingston**