Hagerman Automation Solutions

From simple customization of your CAD software all the way to a complete enterprise-wide automation solution, we take your company productivity to new heights.

OUR EXPERTISE CAN HELP YOU:

- Capture user inputs in easy to use forms
- Automatically generate all required drawings, models, documents and data
- Provide systems for use by designers, sales staff, distributors or customers
- Automate design and drafting in both 2D and 3D CAD formats
- Output any other required data and documents including quotes, proposals, material lists, etc.
- Integrate with ERP and other in-house company database
- Upgrade current solutions to be compatible with the latest versions of AutoCAD®, Revit® or Inventor®

HAGERMAN AUTOMATION SOLUTIONS RESULT IN:

- Automatic generation of CAD designs, quotes, sales proposals, material lists, ERP data and much more!
- Elimination of repetitive tasks and redundant data entry
- All company personnel performing work consistently and to the same standards
- Cuts to both overall turnaround and individual task times
- Reduced errors
- Capture and distribution of critical knowledge throughout the organization
- Increased sales and customer satisfaction!

CONSULTING AND PROGRAMMING SERVICES:

- Pre-sale scoping and analysis
- Technology selection
- System architecture and design
- Database design and integration
- Project management
- Software development
- CAD customization
- Training and mentoring of your internal staff on computer programming
- Ongoing application development support

OUR AREAS OF EXPERTISE INCLUDE:

- .NET software development
- System integration
- Web development
- CAD customization and API programming including:
    - -AutoCAD-based platforms
    - -Autodesk® Inventor®
    - -Autodesk® Revit®
- AutoLisp and Inventor iLogic
- Microsoft Office programming and customization
- Microsoft Access and SQL Server

A History of Success

AUTODESK.
Platinum Partner

HAGERMAN & COMPANY, INC.

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A TRACK RECORD OF SUCCESS

HAGERMAN & COMPANY'S SUCCESSFUL DESIGN AUTOMATION PROJECTS HAVE ALLOWED:

- A manufacturer of storage cabinets to automatically complete assembly and part designs, sheet metal flat blanks, generate bills of material and pass them to its ERP system eliminating mistakes and multiple entry of the same data

- A manufacturer of refrigeration control valves to develop an automated CAD tool to be sent out to its customers giving them the capability to configure and draw valve assemblies and place them into their system layouts

- The field sales staff and distributors of a manufacturer of moveable partitions for schools, convention centers, churches, etc. to automatically generate proposal drawings and quotes and synchronize all data with the home office

- A manufacturer of indoor seating systems to cut its turn around time for quotes and submittal drawings from up to (2) weeks to approximately (1) hour and its labor time per proposal from hours to minutes thus freeing up engineers' time in order to develop new and better products and systems

- A manufacturer of emergency vehicles to automatically generate proposal drawings incorporating a nearly infinite variety of vehicle options

- Other projects have involved the design and manufacture of custom doors and windows, modular buildings, medical labs, architectural casework, grain storage and handling systems, outdoor bleachers, custom machinery and much more!

EXAMPLES OF SOME OF OUR OTHER SUCCESSFUL PROJECTS INCLUDE:

- Developing custom Autodesk menu's and symbol libraries for many different clients and applications

- Helping numerous customers upgrade their existing AutoCAD® customizations to be compatible with new versions of AutoCAD

- Automatic batch processing software to allow customers to make mass changes and updates to current AutoCAD drawings

- Utilizing iLogic with Autodesk Inventor to automate capture input of design parameters, generation of part, assembly and drawing files, and updating of iProperties

- Automated software to assist a manufacturer of lawn and garden equipment to process accounts payable more efficiently and interface with its ERP system

- Helping numerous customers pass item and bill of material information bi-directionally between CAD, MS-Office, PDM/PLM and ERP systems

- Developing solutions to assist numerous companies in processing ECO's more efficiently including both local and remote users, sending e-mail notifications, parallel approvals, due dates, reminders, warnings, and logging of audit trails

- Custom software for a large AEC firm to automate the setup and enforcement of CAD standards throughout the organization

- Software to read work orders output from an ERP system in order to automatically batch print all drawings required for production by manufacturing personnel in the shop

IMAGINE IT.   DESIGN IT.   BUILD IT.   WE'LL HELP.