

GARY E. BELISLE

8421 Shale Drive, Madison, Wisconsin 53719
608-848-7431 • garybelisle@gmail.com

MECHANICAL DESIGNER

Professional Summary

Detail oriented, efficient, goal-driven engineering professional with 13+ years experience creating cost-effective designs. Expertise in three dimensional computer aided design, product development, detail drawings, and prototyping. Superior time-management abilities balancing many project deadlines at once in a multiple project team environment.

Proficient with AutoCAD, Inventor Professional, SolidWorks, Pro/Engineer, Adobe Illustrator, and Microsoft Office.

Professional Experience

Emerson Network Power, Madison, WI

1992 – 2009

Lead Mechanical Designer (2007 – 2009)

Acted as Mechanical Engineering group leader, responsible for overseeing mechanical development within several internal and global project teams.

- Participated in successful recruiting, training, and logistics of global design center expansion in the Philippines.
- Assigned design activities and coordinated project schedules with Mechanical Engineers internally and other sites maximizing individual strengths to ensure high quality product development.
- Provided training and mentoring for new Mechanical Engineers on site and remotely.
- Served as designer for new environmentally friendly product packaging that also saved the company over \$29,000 per year.
- Installed and administered AutoDesk Vault Server software, allowing global collaboration, file sharing, and scalability with AutoCAD and AutoDesk Inventor Professional CAD databases.

Sr. Mechanical Designer (2005 – 2007)

Responsible for all mechanical design activities throughout the company, interfacing with customers, and collaboration with vendors.

- Key contributing member of the Reduction of Hazardous Substance (RoHS) team, converting over 100 assemblies on schedule.
- Participated on PICMG AMC and MicroTCA standards committee as mechanical conceptual designer, with many concepts integrated into the current standards.
- Maintained CAD libraries, templates, drawing databases, and company drafting standards in accordance with ASME Y14 standards.
- Evaluated and integrated ICEPAK thermal modeling software into heat sink development procedures, saving prototype costs and improving thermal performance across many products.

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Professional Experience Continued

Mechanical Designer (1996 – 2005)

Designed a wide array of components, such as sheet metal, extrusions, EMI gaskets, heat sinks, clips, graphical overlays, cables, wire harnesses, plastic injection molded parts, and complex assemblies.

- Implemented Unicom CAD/CAM online drawings for Manufacturing, dramatically reducing paper usage while increasing the amount of intelligent information available to each assembly operator. As of 2009 this documentation system is still in use.
- Documented ISO 9000 work instructions and procedures which aided the company becoming fully ISO 9000 certified. Volunteered as internal ISO auditor in support of this role.
- Provided tooling and fixture designs to aid Manufacturing Dept.
- Evaluated and qualified all purchased mechanical components.

Systems Assembly/Test Technician (1992 – 1996)

Assembled and tested complex VME and CompactPCI telecom enclosures.

Education

Associate Degree in Mechanical Design Technology, 1994

Madison Area Technical College – Madison, Wisconsin