

LUMINA 
ENGINEERING

Real Software Solutions
Real Results

LUMINA



Lumina Engineering has been providing Software Engineering and Consulting services since 1992. Our management has proven experience in the areas of medical device product design and development and manufacturing of medical device systems. Our primary business focus is addressing software objectives and purposes of medical device products and the equipment used to manufacture medical device products.

Software is arguably the most significant technical achievement of the last 100 years. For companies in the medical device and pharmaceutical industries, software represents one of the largest areas of investment, and also one of the greatest risks to business operations and business practices.

For the last 12 years Lumina Engineering has provided consulting services to medical device and pharmaceuticals manufacturing businesses. Focusing on software governed by FDA 21 CFR regulations, we help companies create, manage and care for that investment. Customers that rely on software also rely on our engineering expertise.

Lumina services reduce project time and costs, reduce software validation costs, and increase the quality and accuracy of customer projects and products.

Lumina Engineering services are offered in six areas:

Software Development and Testing

Lumina Engineering provides automated testing services, software and hardware tools to the world's leading medical device manufacturers. Based in our Brooklyn, Minnesota Testing Facility, Lumina performs functional validation of life critical devices and support equipment that give our customers a competitive advantage in time to market and testing efficiency. Additionally, Lumina is also a leader in the field of embedded system design and development.

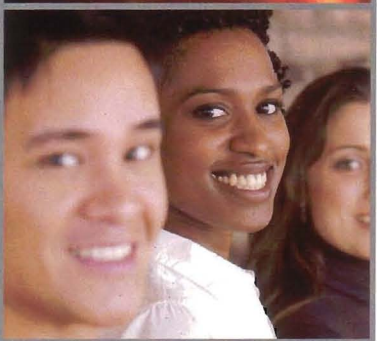
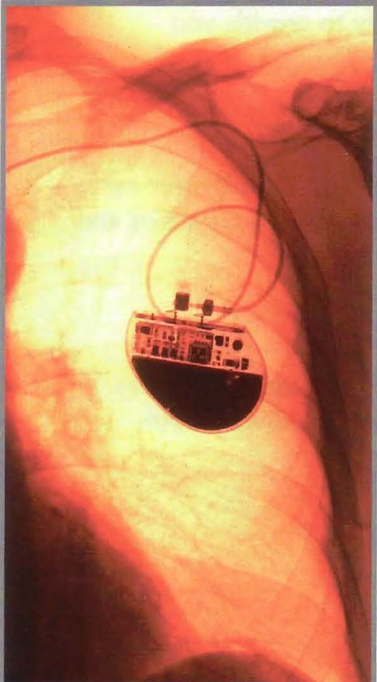
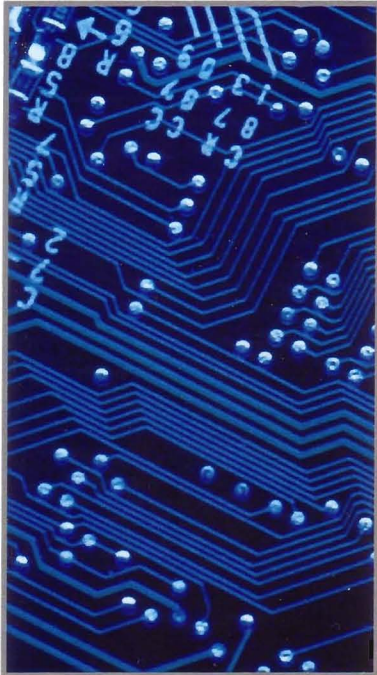
Software Regulatory Compliance

Corporate policies that define standard operating practices have a significant impact on the effectiveness of medical device companies to develop quality and manufacturing systems while complying with industry regulations. Lumina Engineering helps our customers by developing optimal corporate policies that enable effective development, deployment and maintenance of manufacturing systems while ensuring the accuracy of the software, systems and processes that are developed.

Software and Manufacturing Equipment Quality Systems

Medical Device manufacturing is a precise process requiring specialized knowledge of manufacturing equipment, processes, regulations, laws, and policies. Lumina Engineering consulting services enable our customers to get their projects completed quickly while creating accurate and easily maintained documentation and processes that support these systems.

Our continued success is directly linked to the superior service our consultants deliver to our clients every day.



Our Staff

Lumina Engineering hires only the most talented and competent young and seasoned professionals. For those early in their career, our new graduate employees participate in rigorous mentoring programs that prepare them for assignments with client projects. For seasoned professionals, we verify their credentials and competencies and extend their skills through formal and informal training, research activities and exposure to consulting opportunities that build on existing technical knowledge while extending industry knowledge and complementary technical disciplines.

Our Customer Service

Lumina Engineering business philosophy is to partner with our customers to build long lasting relationships that best compliments customer business needs. Some customers require special tools, others need dedicated project infrastructure with special security requirements. Whatever the need, Lumina approaches the customer relationship with a think-out-side-the-box, can-do attitude. This philosophy results in a different approach to the entire customer relationship.

Our account executives work with customers to carefully define and propose solutions and alternatives to specific business problems where Lumina Engineering shares the risk and responsibility for achieving the desired outcome at the appointed time. This approach results in repeated engagements because our customers have a choice ? and they choose Lumina Engineering. Lumina Engineering is unusual in its customer centric solution oriented approach. We use multiple combinations of customer personnel, Lumina personnel, customer facilities and Lumina facilities to accomplish projects of routine or significant impact. Our commitment to customers is to always approach every problem with an open mind to provide customers with solutions that fit their exact need.

Benefits

Most of our employees are full time and salaried. We provide a generous benefits package with little or no out-of-pocket cost. We also understand the responsibilities our employees have to their families. Our management works to ensure employees have the freedom and flexibility in their schedules for their family needs. We believe that providing a family friendly environment to our employees creates loyal employees that have increased stability and provide greater attention to our client's concerns.

ENGINEERING



To Our Clients...

The success of our clients is our top priority. This starts with delivering projects on time, on budget, and with strong customer communication about the process.

Our management team and our consultants operate by the following principles of customer service:

We listen

We commit that we will carefully listen when you describe your technical and business requirements.

We problem solve

We commit that we will think and work creatively to provide you solutions that best meet your needs.

Responsiveness

We commit that we will be responsive to your needs. We will meet our schedules, we will keep you informed, we will answer your questions and we will strive to do your project your way.

Questions?

If you have any questions about Lumina Engineering and our policies and philosophy, please visit www.luminaeng.com to contact us with any questions you may have.



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