

**SIEMENS**



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## Experts under one roof to deliver customized and excellent solutions

Medical Electronics & Imaging Solutions



Answers for life.

# Experts under one roof to support you from concept to realization



## Our value chain

Concept &  
Development

Industrialization

Overall  
responsibility

Manufacturing

Quality  
management

Life cycle  
management

## The power of integration

The medical device industry is governed by innovation and efficiency. The need for smart technologies, speed in new product introduction, lean processes, and optimized price-performance ratios is constantly growing. We know this by heart and this is the basis of our doing.

However, we foster an additional factor, one that lets us stand out. It's the way we interact with each other. It's the way we connect with our customers. It's having the entire process **under one roof**. We take our expert knowledge in all key areas of our business and weld them together to individually meet customer demands.

We strongly believe that the highest customer satisfaction is achieved with early involvement and tight collaboration. And this faith makes all the difference. For us, and for you, our customers.

## The power of what we do

We support our customers in the medical industry with customized electronic systems and high-performance imaging solutions. Throughout our portfolio, we ensure a highly competitive cost-performance ratio combined with outstanding quality.

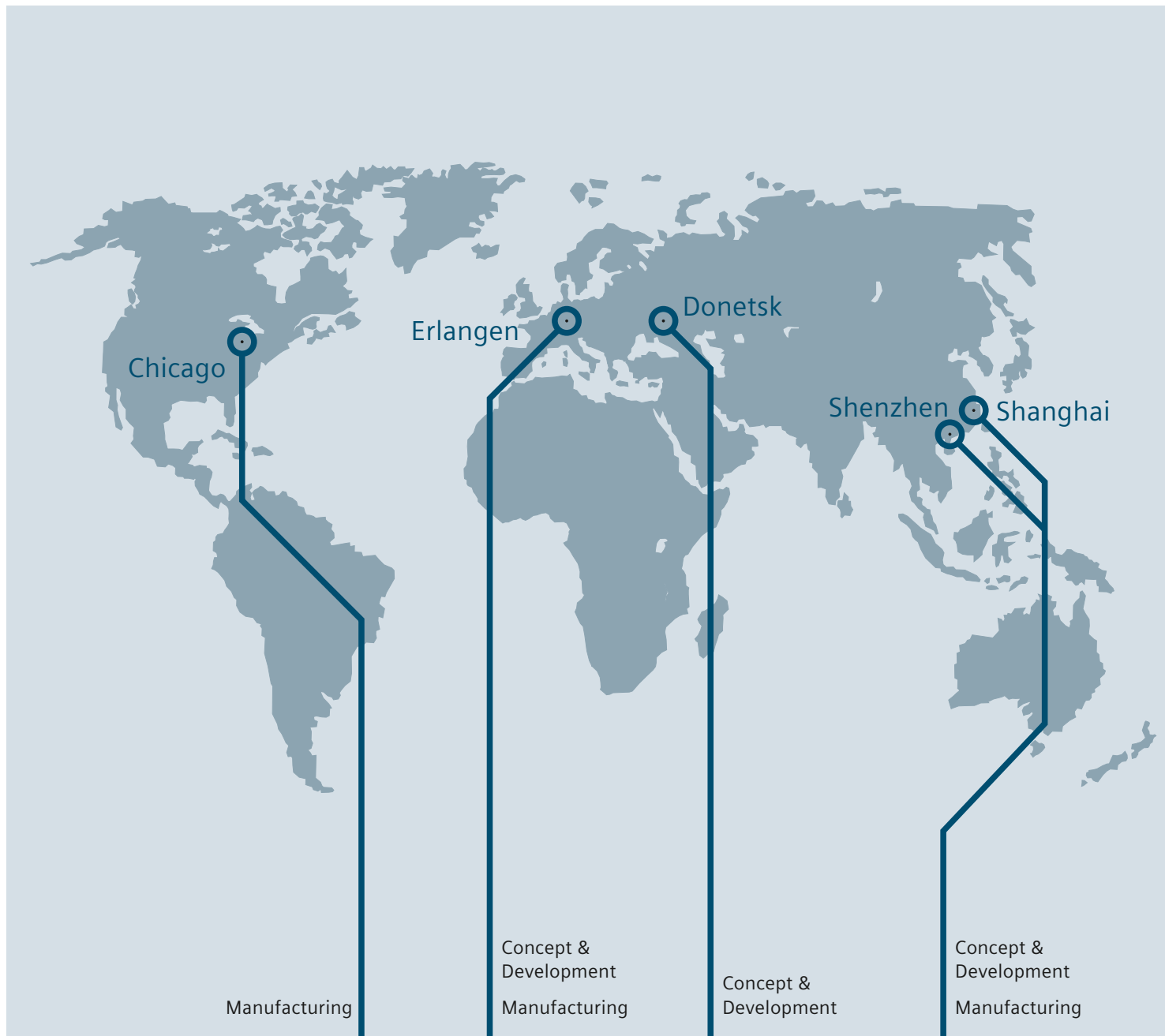
With our experts under one roof – ranging from development to production – we can either manage the entire product life cycle or support selected phases depending on our customers' needs. And, of course, we fulfill the international regulatory requirements of the medical industry.

Close to our customers' needs – fast, efficient, reliable.





# Experts under one roof with a global presence



## Our global footprint

USA

Germany

Ukraine

China

### The power of a global setup

Siemens Medical Electronics & Imaging Solutions is set up to meet our customers' demands on a global scale. With our global footprint close to our customers, we can ensure short time to market, fast reaction times, and competitive advantages in international markets.

We make this possible with:

- common and standardized processes in all locations
- bundled competencies and use of synergies for maximum efficiency
- globally standardized equipment and tools to ensure outstanding quality at all sites
- global and cross-customer pooling of material to reduce material costs to a minimum

### Customer proximity

- Close cooperation with our customers to provide tailored solutions
- Global setup and provision of services in international markets

### Outstanding quality at competitive costs

- Certified quality management system for development and production in accordance with the international standards for medical products
- Realization of optimized cost-performance ratio throughout all processes
- Global pooling of materials to achieve purchasing advantages
- Standardized and efficient processes driven by a globally standardized production system

### Short time to market

- Development and manufacturing close to our customers for fast reaction times
- The entire value chain under one roof to enable fast product ramp-up

### Life cycle management

- Proactive obsolescence management
- Ensured product and component supply for more than ten years after end of market
- Dedicated spare parts management and repair center

### Continuous improvement processes

- Continuous improvement processes to enhance products, services, and processes
- Apply 5s method to optimize our work areas
- Shopfloor management to improve quality and increase delivery reliability
- Value stream analysis to realize lean and efficient processes

## Our business fields

### Electronic Systems

Based on our customers' product ideas we offer development, industrialization, and manufacturing services for printed circuit boards, subsystems, and complex components. Within our comprehensive portfolio, we can either cover the entire product life cycle or individually selected and specific phases.

#### Concept & Development

- Professional requirement engineering
- Customized system architecture
- HW, FPGA, and embedded SW design

#### Industrialization

- Ranging from prototyping to serial production
- Component engineering
- Circuit board layout
- Test system development

#### Manufacturing

- High-mix / low-volume products
- From smallest printed circuit boards to complex systems
- State-of-the-art manufacturing technology from power electronics to ultra-high frequency
- Global material procurement
- Customer-specific logistics and delivery

#### Life cycle management

- Proactive obsolescence management
- Spare parts management
- Repair services

### Imaging Solutions

Further strong suits within our portfolio are data reconstruction and processing solutions for imaging systems. We cover the entire spectrum ranging from solutions based on standard components up to totally integrated products developed according to customer demands.

#### Hardware

Our hardware solutions encompass powerful computer platforms based on standard components. Also included are highly individualized and integrated systems for image processing as well as validated systems for the visualization of imaging techniques in medical products.

#### Software

Our software solution CERA combines innovative algorithms with optimized hardware acceleration for both fast and high-quality reconstructions as well as 3D volume visualizations in the field of computed tomography. Fast and simple integration in various customer applications is made possible with a modular configuration and intuitive user interfaces.

On account of certain regional limitations of sales rights and service availability, we cannot guarantee that all solutions and services included in this brochure are available through the Siemens sales organization worldwide.

The information in this document contains general technical descriptions of specifications and options as well as standard and optional features which do not always have to be present in individual cases.

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