



Kembel Technologies is redefining what's possible across semiconductors, manufacturing, aerospace, and surgical innovation. We provide end-to-end solutions powered by advanced AI, digital twins, and high-performance computing.

Our core services include:

- **Chip Design & Architecture**
- **Chip Testing, Validation & Reliability Analysis**
- **AI Database Development & Integration**
- **Semiconductor Smart-Manufacturing Digital Twins**
- **Smart Manufacturing Automation & Optimization**
- **AI-Driven Surgical Digital Twin Simulation**
- **Robotic & Autonomous Surgical Training Systems**
- **Aerospace Digital Twin Testing & Predictive Maintenance**
- **Defense & Autonomous Systems AI Integration**
- **Enterprise Decision Intelligence Platforms**

- **AI/ML Infrastructure Development & Optimization**
- **High-Performance Computing Solutions using NVIDIA AI PC Chips**
- **Medical Device AI Integration & Surgical Workflow Automation**
- **Digital Twin Platforms for Hospitals, Factories & Aerospace Labs**
- **Medical Device Sales through our Hospital Database**
- **AI-Enhanced Cyber Defense & Threat Modeling**
- **AI-Powered Startup Setup & Acceleration**
 - **Business model design using AI insights**
 - **Technical architecture and platform build-out**
 - **Investor-ready pitch materials and financial modeling**
 - **Go-to-market strategy with AI-driven analytics**

Whether you're building the next breakthrough chip, transforming manufacturing, training surgeons with hyper-realistic AI, or launching a new AI-driven startup, **Kembel Technologies** delivers unmatched precision, speed, and intelligence.

Innovation. Acceleration. Transformation. Kembel Technologies — Engineering the Future.

For more information contact Mark Kembel at mhkembel@outlook.com.

“Mark Kembel founded and led multiple multimillion-dollar AI and technology companies, including Global Surgical AI Healthcare and InterTest.com, delivering enterprise-grade innovation adopted by Microsoft, Boeing, Intel, and major clinical organizations.”

“He brings unmatched technical depth and enterprise execution, shaped by his leadership as a Microsoft Software Test Manager driving one of the largest cross-group engineering efforts in the Windows 95 ecosystem.”

“This combination of founder vision, enterprise-scale engineering, and regulatory leadership positions Mark as a force multiplier for any organization pursuing advanced AI, digital twins, and next-generation surgical or industrial intelligence.”