



TANGENT

DESIGN ENGINEERING



CREATE



BUILD



GROW



CREATE Leverage the skillsets of Tangent's multidisciplinary design team to transition your vision into the absolute best, most cost effective technology to meet your market needs.

BUILD Tangent effectively advances your concept into reality and creates something tangible you can use to drive business interest. We are skilled in all areas of rapid prototyping and fabrication.

GROW Scale your product prototype and grow your vision into an engineered manufacturable product. Tangent's team can set up a full manufacturing production supply chain for all volumes of product.



TANGENT

DESIGN ENGINEERING

Full service product design services throughout all phases of product development.

ISO 9001 and ISO 13485 certified

MECHANICAL ENGINEERING



Problem Solved

Tangent provides value in all phases of product development by applying our proven product development process to product design in the medical, consumer, commercial, and industrial markets. Our multidisciplinary design team efficiently transitions products from concept to manufacturing or any phase in between.

Tangent has experience designing complicated mechanical machines, elegant plastic enclosures for consumer devices, and specialized optical sensing and analysis products. Tangent has developed specialized skills in hydraulics, pneumatics, optics, plastics, computational fluid dynamics and finite element analysis.

ELECTRICAL/ELECTRONICS ENGINEERING



Tangent has proven success in the design of complex PLC industrial control systems, high density high speed embedded systems, hazardous area electronics, and medical regulatory compliant electronic systems. Tangent's high speed electronics simulation capabilities allow for a reduced risk in PCB development and ultimately shorter development cycles.

DESIGN SUPPORT SERVICES



Tangent strives to offer full product development support for all of our client's needs. This includes access to in house marketing and sales professionals, IP services, and usability resources as well as a number of other support services such as hazardous area compliance, medical device compliance, or general compliance analysis.

MANUFACTURING AND TESTING



Tangent builds what we design. Using our internal and external resources, Tangent can produce low volume prototypes, initial product, and volume manufacturing. Our test and validation processes are performed through all manufacturing phases.

Contact Us

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