

Capabilities List

History

HermTac is an ideation, design, engineering, rapid prototype & manufacturing company born after winning several National Innovation Challenges for COVID. Located in the UTDallas C1 Research Office Center.

Overview

We specialize in Lab to Market hardware & frontier technology making for public good. Rapidly exploring the art of possible and scaling in applied BioMedical, Telecom, Creative, Computer Sciences, IT, XR, Digital Engineering, IP, manufacturing & product commercialization landscapes.

Facilities

Wet / Dry Laboratories
Light Industrial Manufacturing Office
Super Compute & Rendering
Access State Research Facilities
Access 100+ Labs & Faculty
Access 8,000 Student Engineers

Manufacturing

Prototype, batch, & continuous volumes

Medical product assembly and retrofits

3D Printing	Form	Press
Machining	Inject	Cut
Lasers	Weld	Form
Robotics	Mold	Break Bend
Electronics	Tooling	Coating

Medical Device

Market, Technical & Regulatory Research
User Research & Discovery
Concept Creation, Feasibility, Protection & Definition
Post-launch Management

Design

Empathic Human-Centered Design Thinking
Audio, 2D Graphics & Images
3D Mesh Modeling
Digital Video Animation & Film
Unity & UE XR Experiences
Photogrammetry & Volumetric Scanning
Wordsmith & Story Telling

Engineering

Computer-Aided Engineering & Simulation
3D Parametric Modeling
3D Scanning & Reverse Engineering
Mechanical, Electronic, & Computer
Medical Devices | IoT
Sanitation & UVC Light
Telecommunications

Services

Ideation, Invention, IP, FTO, & Licensing
Product Commercialization
Cloud Hosting | DoD, HIPPA, FedRAMP
Mobile Device and Fleet Management
Government Data Plans
Tech Scouting, Testing & Sourcing
Digital Divide | Telecommunications
Knowledge Management & Organization
Pain Point Reduction