

## COMPLEX CATHETER SOLUTIONS

### We do what others can't

VitalPath manufactures custom, highly complex catheter solutions for medical device OEMs.

We build complex catheters and subassemblies to meet your most challenging requirements.

- Single or multidirectional deflection
- Pushability
- Kink resistance
- Torque response
- Very large and very small devices

### Your most challenging requirements, met

We push the boundaries for both large and small devices, including delivery systems for transeptal cardiovascular devices, microcatheters for neurovascular applications, and energy delivery devices for various applications.

#### Core markets:

- Cardiovascular
- Electrophysiology
- Neurovascular
- Peripheral vascular
- Structural heart

### Med device's best-kept secret

The VitalPath name is young. But we're actually a well-established medical device contract manufacturer with more than 45 years of combined experience as Catheter & Medical Design (CMD), VitalDyne Medical, and Modern Catheter Technologies.

#### About Us:

- We build complex catheters used to restore and maintain patient health and vital function. We're excited about this important work and bring vital energy to our customer partnerships.
- Our devices navigate the body's vital pathways. We partner with customers to guide them on every step of the product development pathway, from start to finish.
- We're 100% focused on complex catheters and sheaths and are an approved supplier for many Tier 1 OEMs. With our engineers' deep technical knowledge, well-developed proprietary processes, dedication to following through on our commitments, and extensive in-house capabilities, we're the best-kept secret in the medical device industry.

### FAST FACTS

- 350+ employees
- 4 Minneapolis-area locations
- ISO 7 & 8 cleanrooms
- ISO 13485:2016 certified
- FDA-registered facility

# RESPONSIVE AND RELIABLE

## Guiding you through the whole pathway

As your partner, we're dedicated to guiding your project through the entire process:

- Rapid prototyping & engineering services
- Extensive in-house complex component capabilities
- Flexible, high-mix manufacturing
- Volume manufacturing & finished device assembly

## Broad, extensive capabilities

VitalPath is small enough to respond fast, but large enough to have the right technical skills and processes to accelerate your project timelines. We have critical component technologies in house to allow for speed in development and flexibility in manufacturing.

• Extrusions	• Laser cutting	• Overmolding
• Braiding	• Laser welding	• Laser marking
• Coiling	• Laser ablation	• Laser hole drilling
• Reflow	• Forming & bending	• Die cutting
• Tip forming	• Machining	• Punching
• Flaring & necking	• Soldering	• Pad printing
• Laser drilling	• Bonding	• Electropolishing
• Skiving		• PTFE lubricious coating
• Swaging		
• Adhesive bonding		

## Got a complex catheter design? Bring it on.

Looking for a responsive and reliable partner to help you get your complex catheter to market fast? We'd love to hear about your project.

### Contact us:

Email: [cs@vitalpath.com](mailto:cs@vitalpath.com) Website: [vitalpath.com](http://vitalpath.com)

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