



PROPELUS™ PROTOTYPE CENTER

HELPING YOU INNOVATE FASTER

OUR PROPELUS™
PROTOTYPE CENTER
TURNS YOUR IDEAS INTO
NEXT-GENERATION
MEDICAL INNOVATIONS
AT SPEED





OUR PROPELUS™ PROTOTYPE CENTER PUTS THE FOCUS ON SPEED, TO ACCELERATE YOUR TIME TO MARKET.

AT TE CONNECTIVITY, WE'RE LISTENING.

You told us:

Lengthy product development cycles keep you up at night.

You want access to multiple iterations of your prototype product with expedited lead times.

You want to experiment fast and win big on your next generation medical device.

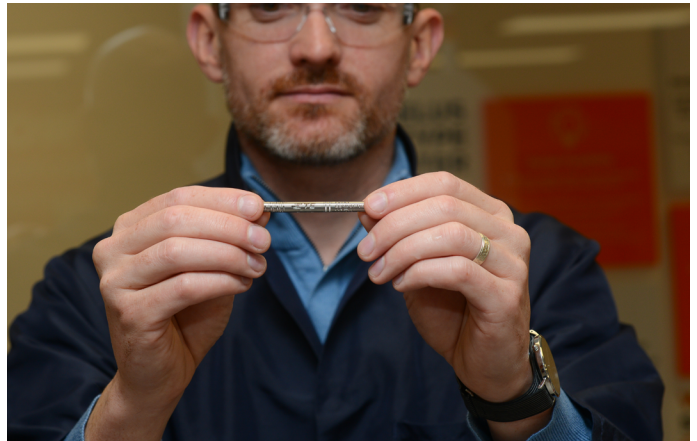
You come to TE for engineering expertise and quality.

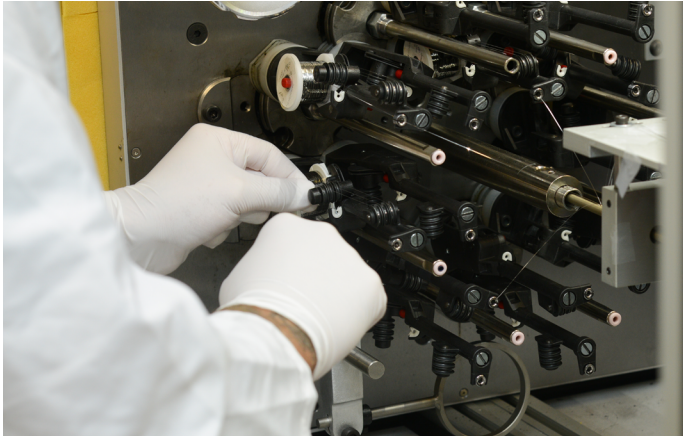
OUR PROPELUS™ PROTOTYPING PRINCIPLE IS SIMPLE

GETTING HIGH QUALITY PROTOTYPES INTO YOUR HANDS AS QUICKLY AS POSSIBLE.

You begin by connecting directly with our engineering teams to establish needs. We ideate solutions and we quickly get to work, building and evaluating prototypes.

Together, we iterate until we perfect.





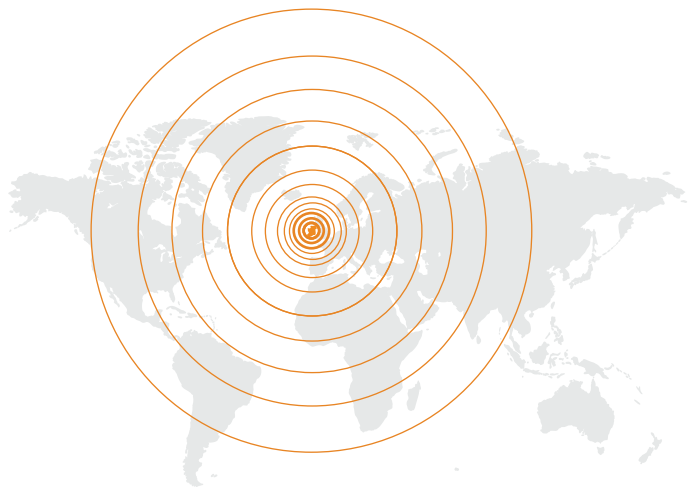
Our **PROPELUS™ Prototype Center** is located in Galway, Ireland, recognized internationally as one of the world's most innovative, integrated and **globalized MedTech hubs**.

When our **PROPELUS™ Prototype Center engineers** are not busy on your projects, they are **innovating for the future**, staying close to new therapies and trialling new technologies so we stay **ahead of the curve**, today and tomorrow.

What comes next after you have an optimal **prototype in your hands**?

TE Connectivity is a partner of choice to building medical devices that save lives. Having a **global manufacturing footprint** with massive reach, we are at your doorstep and ready to **scale your prototype** to high-volume production runs.

Production-ready, enabling you to transform patient care.



HOW WE WORK WITH YOU



You nominate an engineering lead – we pair your lead with a **dedicated engineering team within 24 hours**.



We ring-fence the equipment required for your project so you always have **priority access for prototype runs**.



Extensive raw material databases are at-hand, condensing overall lead times. **Utilization of time zones enables speed of delivery**.



We promise minimal red tape and **quick internal approval processes**.



We build, test, iterate and get your prototypes into your hands as quickly as possible.

SOLUTIONS DELIVERED BY OUR PROPELUS™ PROTOTYPE CENTER



INTERVENTIONAL DEVICE COMPONENTS & ASSEMBLIES

Minimally invasive access & delivery systems

Sample Device Components/Sub-Assemblies

- Steerable sheaths
- Braided microcatheters
- Delivery catheters
- Heart valve delivery system
- Stent delivery systems

Medical Specialties/Markets Served

- Interventional cardiology: coronary, peripheral, neuro and structural heart



INTERCONNECT COMPONENTS & ASSEMBLIES

Advanced electronic assemblies

Sample Device Components/Sub-Assemblies

- Mapping and ablation catheters
- Imaging catheters – ICE, OCT, IVUS
- Cables & connectors for electrosurgical instruments
- Fine wire assemblies

Medical Specialties/Markets Served

- Electrophysiology
- Imaging: ICE, OCT, IVUS
- Electrosurgery



METAL COMPONENTS & ASSEMBLIES

Metal shafts, wires, hypotubes & engineered metal components

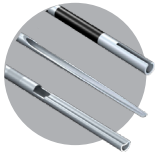
Sample Device Components/Sub-Assemblies

- Hypotube catheter assemblies & metal tubing
- Advanced laser profiled metal shafts
- Guidewire assemblies
- Advanced specialty needles - transeptal, endoscopic
- IVD fluid handling systems
- Surgical robotic instrumentations

Medical Specialties/Markets Served

- Interventional cardiology: coronary, peripheral and neuro
- In vitro diagnostics
- Robotic assisted surgery

EASY ACCESS TO ADVANCED TE CONNECTIVITY CAPABILITIES



METALS

MATERIALS & COMPONENTS

- 304 & 316 Stainless Steel
- Hypotube Range OD 0.010" - 0.3"

MANUFACTURING CAPABILITIES

- Laser Processing, Passivation, Cleaning, Grinding



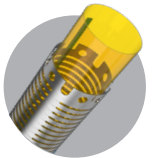
POLYMER BRAID & COIL

MATERIALS & COMPONENTS

- Mandrels, PTFE, PEBAX®
- 25-72D Thermoplastic Elastomers,
- GRILAMID® Polyamides,
- VESTAMID® Polyamides,
- OD 4Fr - 28Fr

MANUFACTURING CAPABILITIES

- Braiding 16 Carriers, Coiling, Reflow, Annealing, Termination, Assembly



ADVANCED SHAFT ASSEMBLIES

MATERIALS & COMPONENTS

- Pull Wire Assemblies
- Laser Cut Assemblies
- Braided /Coiled Shafts

MANUFACTURING CAPABILITIES

- Advanced Assembly Processes, Device Simulation and Testing, 3D Printing



ADVANCED ELECTRONIC ASSEMBLIES

MATERIALS & COMPONENTS

- Extruded Tubing
- Heat Shrink
- Fine Wires Conductors
- Braided Shielding
- Fine Wire Cable Jackets
- Catheter Connector & Handle

MANUFACTURING CAPABILITIES

- Fine Wire Cable (Umbilical) Assemblies, Steerable Shaft Assemblies

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