

New Minnesota Prototyping Company Is Redefining How Fast Medical Devices Get Built

New medical device prototyping company opens in Minnesota — building devices in weeks, not years #MedTech #Startups #MedicalDevices

COTTAGE GROVE, MN, UNITED STATES, April 28, 2026 /EINPresswire.com/ -- Minnesota has long been known as the epicenter of medical device innovation. But while the region continues to produce breakthrough ideas, one challenge has remained constant speed.

A new company is aiming to change that.

Voltas, a Minnesota-based [medical device prototyping](#) and development company, is launching with a clear mission: dramatically accelerate how fast medical devices go from idea to reality.

“

I built Voltas to deliver rapid prototyping in weeks not years so innovators can test ideas faster reduce risk and actually bring devices to market”

Jason Scherer CEO and Co-Founder Voltas

In an industry where development timelines often stretch across several years, Voltas is introducing a model focused on rapid execution delivering early-stage prototypes, feasibility validation, and real product iteration in a matter of weeks.

This is not a traditional prototyping shop.

It is a fully integrated development engine.

Voltas operates at the intersection of incubator, engineering firm, and manufacturer giving physicians, startups, and medical companies a single place to design, build, test, and prepare devices for market without the delays of outsourcing or fragmented workflows.



The company's approach is centered around speed through integration.

Instead of coordinating multiple vendors across R&D, prototyping, regulatory, and manufacturing, clients work with one unified team. Weekly prototyping cycles, continuous iteration, and real-time feedback loops allow ideas to evolve quickly into tangible, testable devices.

The impact is immediate.

Early-stage concepts that would traditionally take months to visualize can now be physically prototyped and evaluated in just a few weeks. This enables faster decision-making, earlier clinician feedback, and a significantly reduced risk profile for innovators.

"I built this company off of first hand experience bringing my own medical device to market. Asking the question, There has to be a better way. Voltas is built to provide rapid prototyping in weeks whether its a sensor based wearable, mechanical cutting device, catheter with multi lumen balloons, or cart generator projects where sourcing and speed is extremely important. Voltas is built to disrupt." said a Voltas CEO and Co-Founder Jason Scherer Voltas. "The faster you can prototype, test, and iterate, the faster you can determine what actually works."

That philosophy is reshaping how early-stage medical devices are built.

Minnesota has no shortage of incubators and development resources, but Voltas is positioning itself differently not as a place where ideas are discussed, but where they are executed. The company is designed to carry projects from concept through prototyping, into manufacturing, and ultimately toward commercialization.

By removing traditional bottlenecks and keeping every phase under one roof, Voltas is helping



VOLTAS Medical Device Development Manufacturing Cottage Grove Facility

THREE WAYS TO BUILD A MEDICAL DEVICE.
ONLY ONE GETS IT DONE RIGHT.
R&D shop only. Manufacturing shop only. Or Voltas: end-to-end under one roof.

R&D SHOP ONLY	MANUFACTURING SHOP ONLY	VOLTAS
FOCUS Great ideas. But getting to market is still up to you.	FOCUS They can build it. But someone else has to design it.	FOCUS Voltas Medical Device Development Manufacturing. Everything in House.
STRENGTHS Concept, design, prototyping	STRENGTHS Scalability, process, efficiency	STRENGTHS From concept to commercialization
LIMITATIONS Innovation, design, early validation	LIMITATIONS No product design, limited development support, not early-stage friendly	STRENGTHS R&D, engineering, manufacturing, quality, regulatory, and more—integrated from day one
WHAT YOU STILL NEED No manufacturing, tooling, scale, or quality system	WHAT YOU STILL NEED R&D partner, design validation, regulatory strategy, prototype development, testing, packaging, sterilization, and more	ADVANTAGE One partner. One budget. One plan. One timeline.
RISK A manufacturing partner, quality system, regulatory support, supply chain, packaging, sterilization, and more	RISK Rework, misalignment, design limitations, costly iterations	WHAT YOU GET Everything you need to bring your device to market—seamlessly managed under one roof
TIMELINE Many handoffs. More risk. Longer time to market.	TIMELINE Longer and less predictable	RESULT Minimized handoffs, aligned teams, reduced risk, better outcomes
		TIMELINE Faster, more predictable, more efficient
		One partner. Every capability. Built for success.

VOLTAS PROVIDES ACCELERATED MEDICAL DEVICE DEVELOPMENT AND MANUFACTURING ALL UNDER ONE ROOF: ONE PROJECT MANAGER, ONE BUDGET, ONE TIMELINE, EVERYTHING IN HOUSE.

R&D & ENGINEERING	DESIGN & SIMULATION	TOOLING & MOLDING	MANUFACTURING	QUALITY & REGULATORY	PACKAGING & LABELING	STERILIZATION & VALIDATION	SUPPLY CHAIN & SOURCING	LAUNCH & COMMERCIALIZATION
Design & Development Prototyping Testing & Validation	Industrial Design DFM / DFA Mold Flow Analysis	Tooling Design CNC Machining Mold Making	Injection Molding <48" Mass Molding >48" Extrusion, Welding, Assembly	QMS (ISO 13485) Regulatory Strategy Testing & Validation	Blister Packaging Labeling Printing	ETO Sterilization Sterilization Validation Regulatory Support	Supplier Management Component Sourcing Logistics	Market Launch Support Distribution Post Market Support

End-to-end under one roof. Everything in house. One team. One goal. www.voltas.io

Differences between Voltas and Shops

redefine what is possible in early-stage medtech development.

As the pace of innovation continues to increase, companies that can build faster and learn faster will define the next generation of medical technology.

Voltas is betting that future starts now.

About Voltas

Voltas is a medical device prototyping, development, and manufacturing company based in Cottage Grove, Minnesota. The company provides a fully integrated, in-house platform that enables innovators to rapidly design, prototype, and bring medical devices to market.

[Medical device development manufacturing](#). Everything In-house.

Voltas Capabilities

RD

Weekly Prototyping

Animations

Sensors

Wearables

App development

PCB design

LCD screens

Regulatory Services

PreSub / 513g regulatory work

Supplier Sourcing

User Testing

Usability Studies

Form Factor

UV laser etching

RF Welding

Ultrasonic Welding

Mold Flow Analysis

Hydrophilic and Hydrophobic Coatings

Balloon Development Manufacturing

Balloon symmetrical and A-symmetrical

Balloon layer development

Plastic Injection Molding <48"

Micro Plastic Injection Molding <1mm

Die Mold Tooling (Aluminum, Harden Steel, Copper, etc)

Die Mold Tooling Revisions

Packaging Labeling
Blister Tray Development Manufacturing
ETO Sterilization
2 pallet ETO Sterilization
Sterilization Validation
510k Submissions
Regulatory Testing
Marketing
Social Media
Merchant Services
Distribution and Warehousing
Website
Medical Sales Team

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