



Bringing new technology to life is harder than ever. Innovators now face three relentless pressures: supply chain fragility, skyrocketing development costs, and the unforgiving race to market.

Brilliant concepts often stall because great ideas alone don't win. It takes capital, technical execution, and experienced leadership to transform innovation into impact.

That's where **The TekStart Group®** comes in. Since 1998, we've built a reputation for helping innovators cross the most treacherous stretch of the journey – from prototype to production, from possibility to profitability.

Our role is both a catalyst and a bridge. We bring together funding, talent, and trusted industry partners to accelerate innovation without sacrificing quality or vision.

The Challenge of Technology Innovation

Innovation has never been more demanding. Markets move at lightning speed. Customer expectations continue to escalate. Global supply chains remain fragile. Geopolitical tensions are high. The time between idea and market adoption is shrinking, leaving little room for missteps. To succeed, new technologies must not only work – they must scale, integrate, and deliver measurable value faster than ever before.

TekStart helps companies not only navigate these challenges but turn them into opportunities. From shaping strategy to building operations and delivering world-class engineering, we ensure that bold ideas don't stall in development. Instead, they mature into lasting businesses that grow, scale, and endure.

"No one succeeds in technology alone. Trust and execution are what make innovation possible."

— Howard Pakosh, CEO

ChipStart®: From Idea to Silicon

Through our **ChipStart business unit**, TekStart delivers custom ASIC design and outsourced operations that help semiconductor, consumer electronics, and IoT companies move faster with less risk. Our expertise in advanced architectures and supply chain navigation means startups and established enterprises can access world-class design capabilities without starting from scratch.

ChipStart doesn't just design chips – it builds businesses around them. We partner closely with innovators to shorten development cycles, integrate seamlessly with foundries and IP providers, and ensure every product is production-ready. The result is a faster path to silicon, lower costs, and a clearer route to market leadership.

Cognitum: AI at the Edge

One of ChipStart's most significant innovations is **Cognitum**, a high-performance, ultra-low-power AI processor designed for edge devices. Delivering up to 65 TOPS of performance while consuming less than 2 watts, Cognitum breaks the old tradeoff between power and efficiency.

From industrial automation to smart agriculture, AR/VR, and next-generation surveillance, Cognitum unlocks intelligence where it matters most—on the edge, where data is generated. It is proof that TekStart is not only enabling other innovators but also driving breakthroughs ourselves.



About TekStart®

Founded in 1998, the TekStart Group is a privately held firm dedicated to turning breakthrough technology concepts into market-ready successes. TekStart provides investment, commercialization, and executive support, partnering with innovators to fund, build, and scale advanced technologies. Through its ChipStart® business unit, the company delivers custom ASIC design and outsourced operations for semiconductor, consumer electronics, and IoT companies. Its latest innovation, Cognitum, is a high-performance, ultra-low-power AI processor designed for edge devices. With deep expertise and a trusted partner network across North America and Europe, TekStart helps clients reduce risk, accelerate time-to-market, and unlock lasting value. Learn more at tekstart.com.

Contact Info

4145 N. Service Rd.
Suite 200
Burlington, ON L7L 6A3

Phone: +1 (905) 634-6688

info@tekstart.com

1223 Wilshire Blvd.
Suite 113
Santa Monica, CA 90403

Phone: +1 (310) 210-2147
Toll Free: (844) 405-0005

www.tekstart.com

