

CORDAX One-Pager

One-liner: CORDAX is an AI-driven platform that automates mechanical, electrical, and plumbing (MEP) design for residential projects, reducing rework and design time significantly.

Problem: Residential general contractors and custom-home builders face significant time and budget waste due to manual MEP design, leading to 30% schedule overruns, 12% budget overruns, and 70% of work costs in rework.

Target User: Ontario custom-home builders and their subcontractors (MEP contractors and general contractors) who complete 20–50 residential projects per year and are seeking faster, more reliable MEP design.

Solution / Product: CORDAX auto-generates fully annotated, code-compliant MEP drawings in under three minutes, eliminating 99% of rework and reducing permitting-to-installation time by up to 80%.

Revenue Model: Hybrid pricing combines a fixed monthly subscription with a variable fee based on project square footage, ensuring scalable revenue.

Moat / Tech Edge: CORDAX is the first to deliver fully automated, code-compliant multi-trade MEP drawings with sub-3-minute turnaround and 99% clash detection, holding a defensible early lead in the market.

Market Thesis: The AI-powered construction market is growing at 27% CAGR, with rising housing needs and stringent building codes creating immediate demand for automation. CORDAX is positioned to capitalize on this trend by solving chronic coordination errors and rework headaches in residential MEP design.