



Connected Electrical Design. Fast. Collaborative. Simple.

The Challenge

Legacy harness/system tools are expensive, fragmented, and slow. Engineers face scattered libraries, version conflicts, and poor collaboration. Small teams can't justify enterprise CAD, and larger teams are frustrated by outdated workflows.

The LoomWire Solution

A browser-native platform for harness and system design — built for speed, collaboration, and control. Start instantly, co-edit in real-time, and maintain continuity across schematics, harnesses, and 3D models.

Why Teams Choose LoomWire

For Business Leaders:

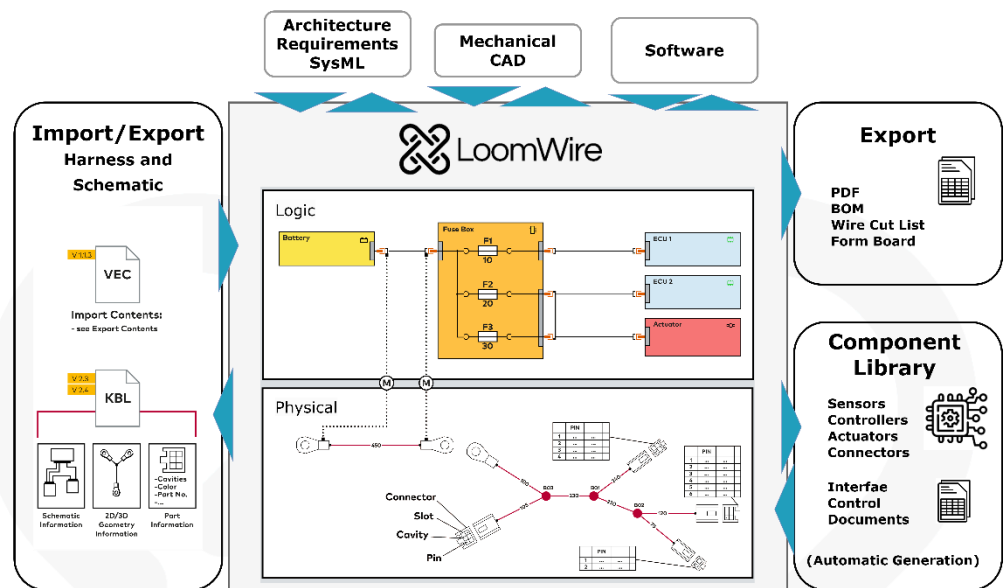
- Faster project delivery
- Simple UI (low/no training)
- Painless switching with import/export
- Affordable, predictable pricing (vs. six-figure enterprise licenses)
- Scales with your team — from single seat to enterprise
- IP ownership & data control

For Engineers:

- Lightning-fast, browser-native workflows
- Real-time collaboration & comments
- Smart libraries with Datasheet Import/Supplier Import (Digikey/Octopart links)
- Built-in rule checks & continuity validation
- Manufacturing-ready outputs — BOMs, cut lists, and connector details without extra cleanup
- One platform for logic ↔ harness ↔ ICD — no more bouncing between tools

Roadmap & Vision

- AI-powered Insights & automation (auto-connect, design insights)
- 3D Harness View with SolidWorks export
- Cross-domain continuity (Architecture ↔ Requirements ↔ Software ↔ Mechanical)
- Open APIs for automation & integrations



Ready to Accelerate your Designs?

Sign up for early access at loomstr.com

Contact SwitchBox to schedule a demo or partnership briefing



Tool Comparison Matrix

Feature	LoomWire	RapidHarness	Arcadia	Visio / Draw.io	SolidWorks Elec.	Capital Harness	PREEVision	KiCad / Altium
Onboarding	✓ Same-day	/ Hours–days	/ Days	✓ Immediate	✗ Weeks	✗ Months	✗ Months	/ Days–weeks
Browser / Cloud	✓	✓	✓	✓	✗	✗	✗	/
Collaboration	✓	✗	/	✗	/	✓	✓	✗
Continuity (Views)	✓	✗	/	✗	/	✓	✓	✗
Continuity (Domains)	/	✗	✗	✗	/	/	✓	✗
Production Outputs	✓	✓	✓	✗	✓	✓	✓	✓
Smart Libraries	✓	/	✓	✗	✓	✓	✓	✓
Config. Rule Checking	✓	/	/	✗	/	/	/	✓
Config. AI Insights	✓	✗	✗	✗	✗	✗	✗	✗
Config. Views / APIs	✓	/	/	✗	/	/	✓	/
Data Ownership	✓	/	/	✓	/	/	/	✓
Git / SVN	✓	/	/	✓	/	✓	✓	✓
Cost (per seat, rounded /mo)	\$300	\$300	\$385	Free	\$400	\$4,200+	\$5,000+	Free / \$400
Best Fit	SMEs, startups, S to M Teams	Small shops, prototypes	SMEs	Quick diagrams	CAD-heavy orgs	Large OEMs	Large OEMs	PCB