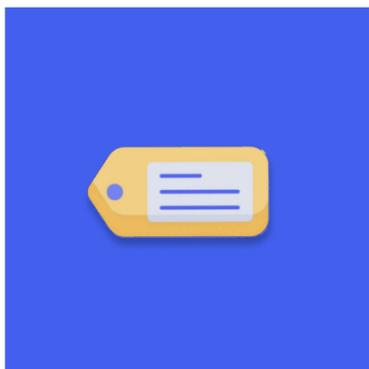

COMPETITOR ANALYSIS

Why Top Electrical Estimators are Switching to Beam AI



Fully AI-based takeoffs for low & high voltage systems

Beam AI is designed to completely automate takeoffs for low-voltage systems such as fire alarm systems, structural earthing, and coaxial outlets. Whereas, Drawer.AI primarily focuses on high-voltage system units.



Detailed system tagging and structuring

Beam AI automatically tags each item based on project area, construction phase, and building structure, ensuring precise quantity differentiation and system-level clarity aligned with project requirements. On the other hand, Drawer.AI lacks detailed tagging and structuring features, which means you need to manually describe the electrical details across the plan based on system and equipment type.



Auto-detect changes across addenda

Beam AI ensures that no last-minute change in takeoff is left behind. It automatically detects and flags last-minute scope changes, auto-picks specs, and keyed-in notes across sheets, leaving no room for multiple rework. In contrast, Drawer.AI requires manual input to detect changes when the plan changes.

Beam AI vs Drawer.AI: Feature-by-feature comparison

Features	Beam AI	Drawer.AI
Expert-reviewed takeoffs	 Takeoffs undergo review by a QA team before delivery	 No human validation; fully depends on user input
Low-Voltage Systems Detection	 Detects and quantifies components like fire alarms, data, CCTV, AV, BAS, etc.	 Limited focus, primarily handles high-voltage systems.
Cable Type & Labeling (e.g., CAT5, CAT6)	 Identifies and tags cable types with system categorization	 Not a primary focus, lacks detailed cable tagging.
Conduit & Cable Tray Detection	 Detects and quantifies various conduit types and cable trays	 Primarily focuses on high-power and lighting systems.
Advanced Editing Tools	 Offers tools like Edit, Rotate, Split, Cut Hole, Add Feature, and Reclassify for tailored takeoffs	 Editing capabilities limited to electrical quantities
100% automated takeoffs for multiple trades	 Does AI takeoffs for multiple trades such as HVAC/mechanical, electrical, concrete, plumbing, flooring, roofing, irrigation, steel, earthwork, masonry, and more.	 Only does takeoffs for the electrical trade
Tagging by Area/Phase/Zone	 Provides tagging features for organizing takeoffs by area, phase, or zone.	 Limited tagging options; primarily based on system & equipment type.
Auto-detect changes across addenda	 Automatically detects and incorporates changes across multiple addenda	 Manual updates required for plan revisions.
In-built bid tracking	 Track every bid, its status, due date, addenda, RFIs, and ITBs in a single, organized dashboard.	 No native bid-tracking features
Plan Stitching	 Does not help merge multiple plans	 Merges multiple plans into a unified floor layout.

Why Beam AI is a clear winner



AI-generated electrical quantity takeoffs

Beam AI is a fully automated AI-based takeoff software that automates takeoffs for low-voltage systems, conduit layouts, and detailed component specs, ensuring a structured breakdown of even the most complex electrical drawings. In comparison, Drawer.AI automates takeoff only for standard electrical projects, particularly in lighting, power equipment, and basic circuit routing.



Spot-on accuracy across takeoffs

With Beam AI, all your takeoffs are delivered with guaranteed $\pm 1\%$ of your in-house takeoff accuracy, so that you do not have to spend time double-checking the takeoffs.



Automatic adjustments for scope changes

Beam AI streamlines the revision process by automatically detecting changes in drawings, eliminating the need to start from scratch. Simply upload the updated plans, and the AI will highlight every modification, allowing you to quickly identify new details, saving hours of manual review and reducing costly errors.

1200+ Businesses Across The U.S. & Canada

Trust Beam AI to automate their takeoffs and win more bids.

[BOOK A DEMO](#)

