



Leveraging AI for Construction Estimating



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The construction industry is critical to the global economy, but suffers from widespread inefficiency.



AI in Construction

- Automate local building requirements
- Generative design
- Estimating
- Pricing based on current pricing models
- Schedule, shipping, logistics
- QAQC
- Maintenance and management of projects

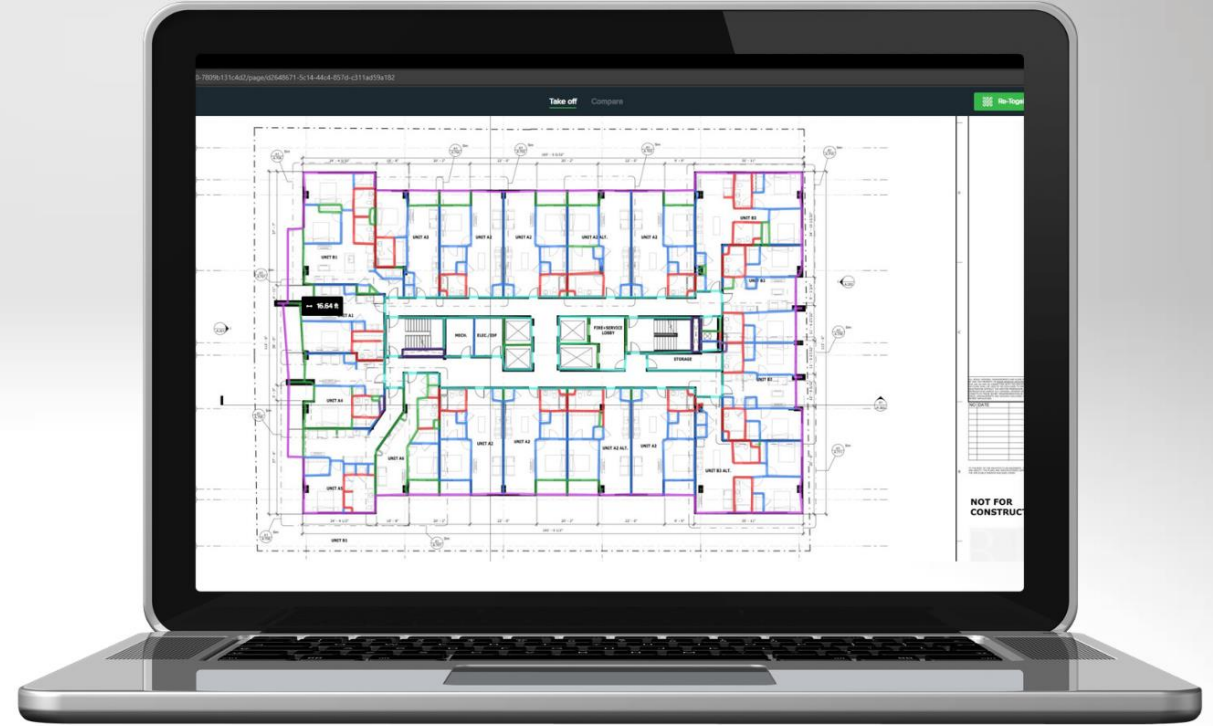
Built by Contractors for Contractors

Construction jobs have hundreds of pages of plans to be analyzed.

Togal.AI provides more than 98% time savings.

Current solutions processing time is 60 minutes per page.

Fully Automated



**Togal.AI takeoff time
10 seconds for entire plan**





B.T.

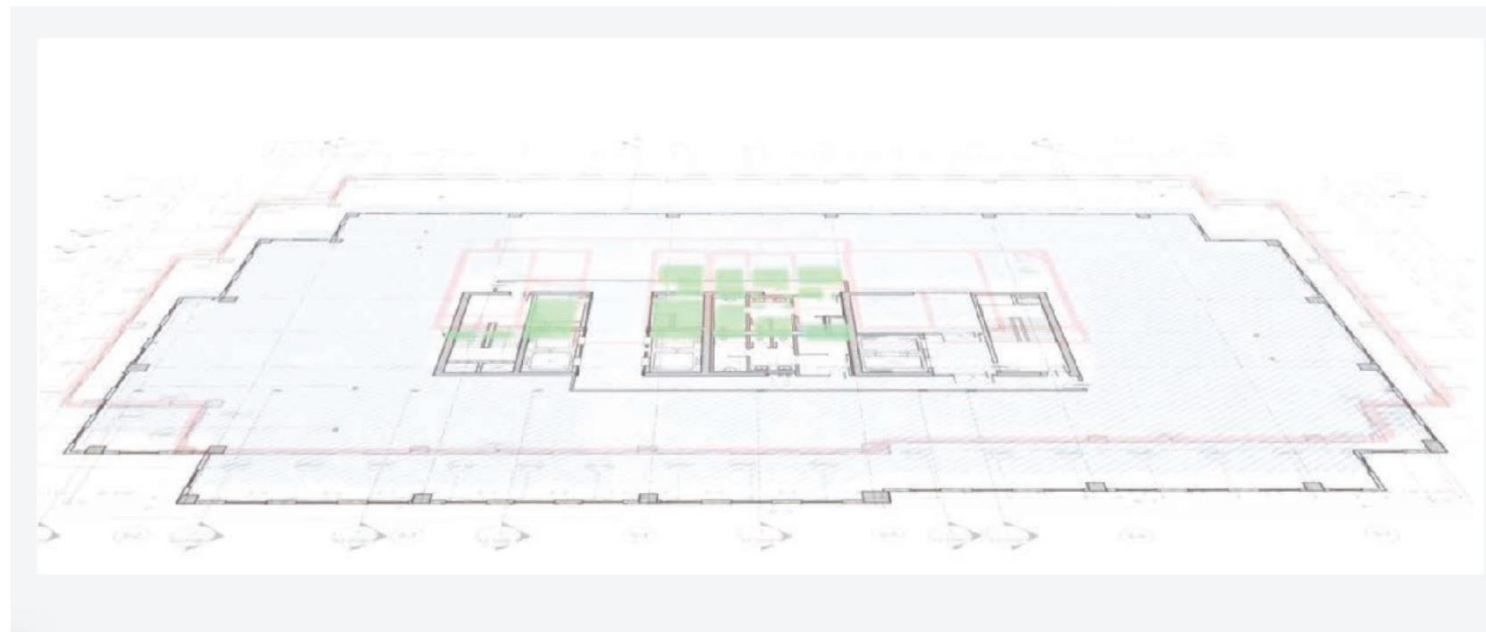
Before Tegal



A Better Solution: Run Togonal

Togonal.AI uses proprietary AI algorithms to automatically and accurately detect, label, and measure project spaces, walls & objects within seconds.

Togonal.AI supports all drawing formats, including PDF, JPEG, PNG, TIFF, etc. Reducing the takeoff process from days to seconds.



Intuitive Tools: easy to use editing and distribution tools

Integration: can function as a standalone app or API into a user's current workflow

Togonal saves contractors **time and money** so they can concentrate on bringing more value to their clients.

Our Proprietary Data



20+

Labeling team of
architects and engineers

35,000

Drawings used
in training

2.5 Million

Objects labeled

17,000

Hours
of labeling

100,000

Floor plans used
in training

18 Million

Labeled areas



This could be the biggest innovation in estimating in my 20 years in the industry.

KAST

construction

ENR 2021 Top 200 Contractor

Having used Togonal.AI we believe this will drastically improve our efficiency.

GT GARDINER
&THEOBALD

ENR 2021 Top 15 Construction
Management-for-Fee Firm



Proudly Integrated With



Deep Benefits for All Togonal Users



**Save time
& money**



**Bid on & win
more work**



**Increase
quality of bids**



**Scalable
billing**



**Easy
on-boarding**



**Enable value
engineering**



**Cloud based
software**



**Automate
annoying tasks**