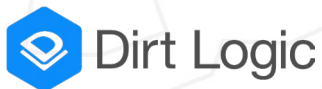


# Your one source solution for Earthwork Takeoffs and Machine Control Models

EARTHWORK TAKEOFFS | MODELS FOR MACHINE CONTROL



[TOPCONSOLUTIONS.COM/DIRTLOGIC](https://topconsolutions.com/dirtlogic) | (855) 289-1772

[TAKEOFFS@TOPCONSOLUTIONS.COM](mailto:TAKEOFFS@TOPCONSOLUTIONS.COM) | [MODELS@TOPCONSOLUTIONS.COM](mailto:MODELS@TOPCONSOLUTIONS.COM)



# Take The Guesswork Out Of Dirtwork

The slightest miscalculation in an Earthwork Takeoff analysis can cost being awarded a job or potentially owing money the minute you walk on a job site. Dirt Logic Earthwork Takeoffs remove the potential risks and give you peace of mind walking into a bid or moving dirt on a job site.

Combining the latest earthwork software and specialized proprietary software, we convert 2D grading plans into a 3D takeoff models to provide highly accurate dirt quantities. During this process, our skilled technicians are providing quality assurance, verification of data and researching the plans for any information related to the Earthwork Takeoff.

## Machine Control Models

Using your Machine Control system, you can then download Topcon Solutions' Dirt Logic complete MC modeling package to determine high and low points, stationing, locations of utilities, edge of pavement, erosion control, and other features within fractions of an inch. These MC Models reduce the chances of having to move dirt more than once. They also allow the work to be done solely by the machine operator without guidance from a second worker on the ground and create a stakeless and hubless job site.

### What we offer

- Finish Grade Models
- Mass Grade Models
- 3D Utilities
- Vault Excavation Models
- Foundation Models
- 2D Linework
- 3D Linework
- Wall Excavation
- Points

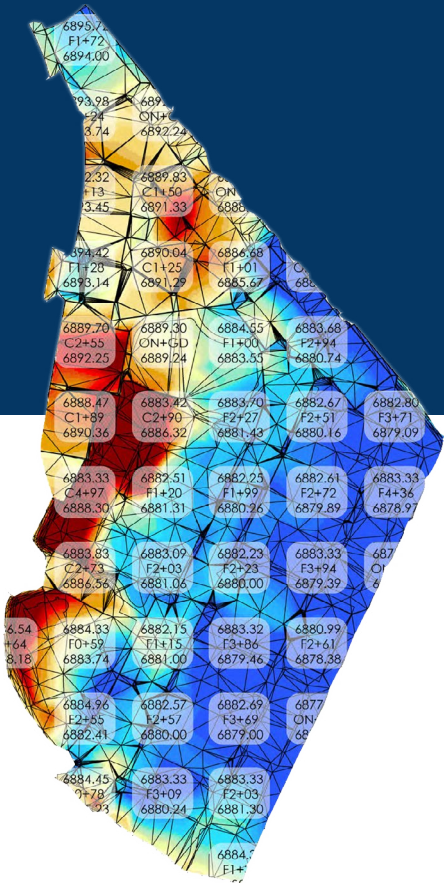
# Earthwork Quantity Takeoffs

- Bid and win more projects
- Accurate and cost effective

Dirt Logic earthwork takeoffs provides contractors quantities to the cubic yard, which show how much dirt will need to be exported or imported to the site. Our results provide the contractor 'Cut/Fill' - 'Import/Export' - 'SQFT' calculations that easily plug into an estimate or bid.

Topcon Solutions' Dirt Logic Earthwork Takeoff services allow for grading accuracy within about a hundredth of an inch. It is the process of turning a 2-D grading plan into a 3-D earthwork takeoff, also sometimes referred to as a dirtwork takeoff, used by contractors to submit project bids. The takeoff compares the existing topography with the proposed design/sub-grade to provide precise cut and fill calculations.

This service provides contractors with a means to know, almost to the cubic yard, how much dirt would need to be moved away or added in order for construction to begin on a project.



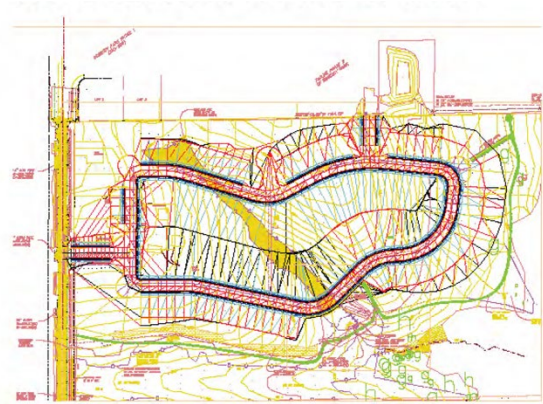
## Added Benefits

- Used for site layout and machine control
- Centerline alignments (in XML format)
- Deciphered line work/background files for easy site layout
- Cuts down field production time
- Highlights any potential errors / issues ahead of schedule.

## Grading Options & Comparisons

- Maximized design & profit potential
- Streamlined grading design process
- Minimized cut/fill imbalances

## ARE YOU SPENDING HOURS TRYING TO MAKE SENSE OF AUTOCAD FILES?

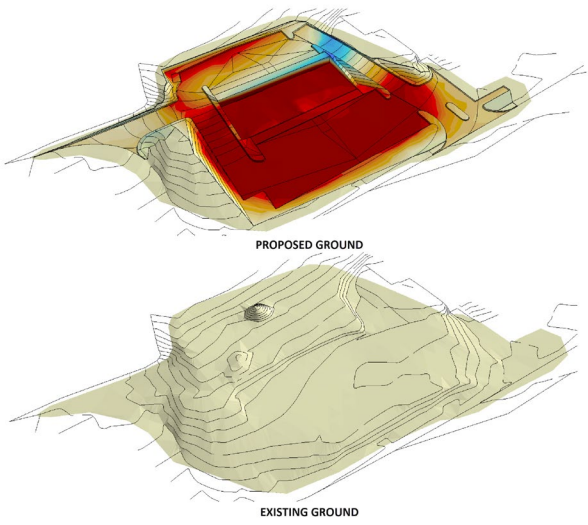


## LET DIRT LOGIC DECIPHER THE INFORMATION FOR YOU!



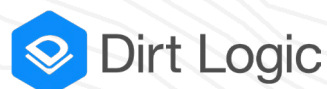
## Every Earthwork Takeoff includes

- Job site summary
- Detailed Quantities Report
- Demo Area Layout
- Sectional Area Layout
- Cut/Fill Grid Map
- Multiple 3D Views
- Excel File
- KMZ File
- DL Notes



Topcon Solutions serves the AEC industry as the retail division to Topcon Positioning Systems, and an Autodesk Platinum Partner. The technology offerings, workflows, and productivity solutions between these two brands is why Topcon Solutions is a leader in the industry. Our vast product portfolio, technical expertise across brands, and business savvy industry knowledge is unmatched. Supporting our customers with training, technical support, consulting and repair is our specialty.

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