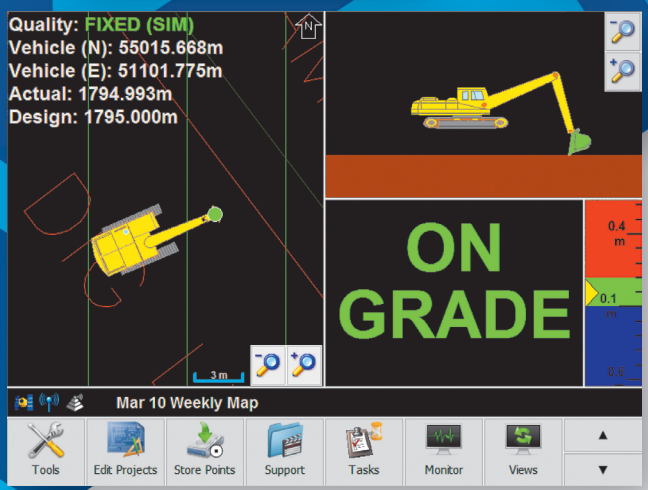
Carlson Machine Control

Carlson Grade for Excavators and Shovels



Features

- Consistent user interface across all solutions
- Flexible and easy to use interface
- Multiple view options available in profile, section and plan
- Directly import from open CAD and Carlson platforms
  - DWG, DXF, TN3, GC3, LN3, TIN, GRD
- Track machine utilization, downs and delays
- Supports an extensive list of GNSS receiver drivers
- NTRIP and VRS compatible
- Able to handle large surface files
- Real-time machine system view and troubleshooting capability from anywhere in the world
- Peer to peer communication and information sharing capability between all machines in the field
- Works as a stand alone system or as part of a fleet environment with multiple machines

Experts in Machine Control Applications since 1996

- Mining ■ Landfill ■ Piling
- Dredging ■ Construction
- Contract Drilling
- Custom Applications

Carlson™
BREAK NEW GROUND

For more information, visit
www.carlsonsw.com or call 800-989-5028

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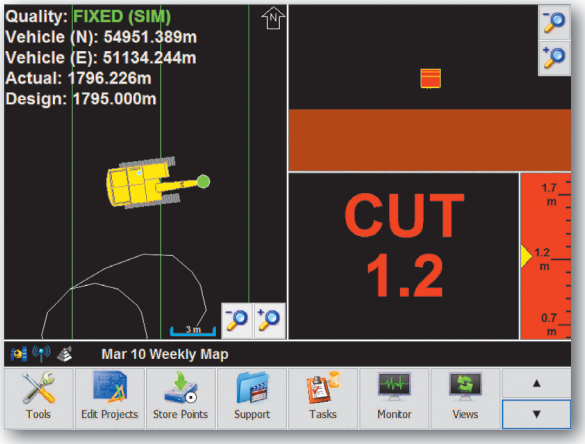
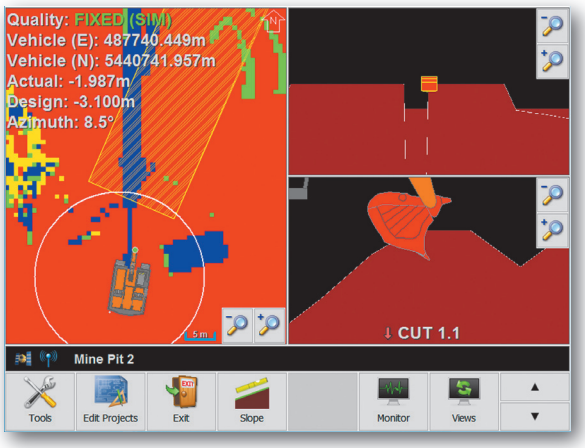
Safety Benefits

- Increase operator situational awareness through proximity warnings between machines and fixed assets
- Increase operator awareness by utilizing 2D and 3D watch zones and warning zones
- Increase safety for surveyors and engineers by reducing survey time in the field

Benefits

- Build to design for better highwall and proper bench elevation
- Dig to design utilizing surfaces or block models
- Reduce survey costs
- Real-time cut/fill/on-grade to multiple design surfaces
- Build simple or complex pads and slopes in the field. flat/single/dual/multi
- Accurately build to elevation offsets
- Update surfaces and cut/fill color map real time across the entire project
- Track single or multiple points
- Able to work with bucket and clam shovel configurations

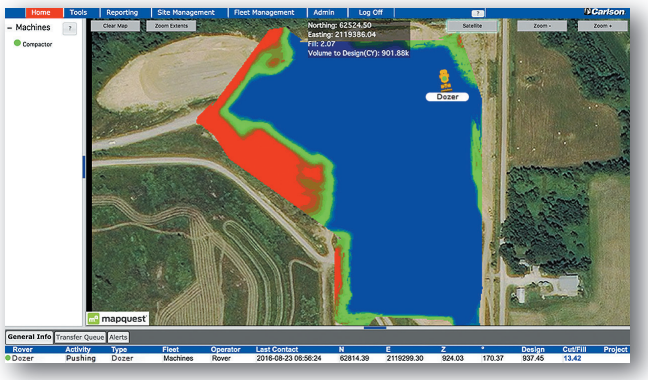




The New Carlson Command

A comprehensive data storage and control software package that gives management and engineering a view of what is happening in real-time by moving pit maps, dashboards, and KPI screens. All information is stored for real time and port process reporting and analysis as well as playback of events.

- Productivity analysis
- Data management of single or multiple sites
- Direct machine to machine communication and data sharing with live and historical 3D machine playback
- In cab monitoring and training from office
- Full cut/fill color map with real-time surface updates
- Create and customize tasks, delays and down codes



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