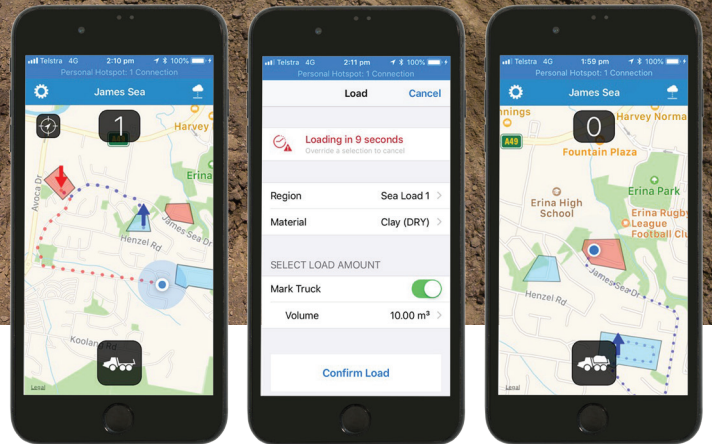




HAUL MANAGEMENT SOLUTIONS

Aptella
AUTOMATION +
POSITIONING TECH


TOPCON

Topcon Haul App

Hardware-free digital records of load and dump cycles to increase productivity, save time and save money.

- > Cost effective: no hardware required, drivers simply download the Topcon Haul app on their iPhone or Android device
- > Accurate records: app tracks hauls, load and dump metrics
- > Time savings: App automatically finds nearby sites and records delays to improve routing

Digital Loading Records

- > Automatic records when loaded by loader or excavator with on-board scales
- > Automatic records when stopped in designated load area
- > Easy manual entries available by tapping the load icon
- > Excavators and loaders without on-board scales can use the Haul App to assign weights to trucks they fill

Digital Dumping Records

- > Automatic records by stopping in a designated dump area
- > Easy manual entries by tapping the dump icon

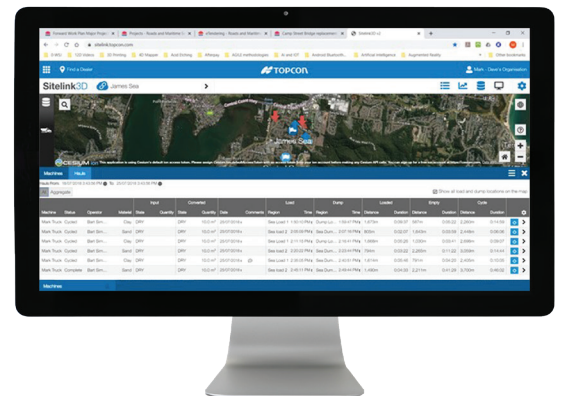




Topcon SiteLink 3D

An easy to use, cloud-based platform to manage all your assets and data, visualisation and reporting

- Increase productivity with live performance metrics: event-driven, real-time performance tracking on haul cycles with live statistics widgets
- Efficiently manage multiple jobs: create and manage multiple sites and projects, with defined user roles and access levels, as well as file and metadata management
- Keep an eye on progress: overlay design files, alignments and drone imagery to visualise the project in 2D or 3D. Track all connected machines
- Customise to suit your project needs: create regions, materials, activities, delays, shift plans, operator and asset lists. Also supports material bulking factors and states
- Integrates to your workflow: supports import/export to multiple industry-standard formats





Aptella Haul Dashboard

Critical metrics at a glance with our customisable reporting dashboard accessed via the Aptella website.

- Fully customisable for your project requirements
- Simple visualisation on an easy to read dashboard showing daily productivity versus targets by material type, with custom mapping to filter by time, material, operator, tonnes and regions
- Tonnages & Costs Gauges
- Actuals vs Targets at current time
- Actuals vs Project-Complete Targets
- Secure & 24/7

