

RPMGLOBAL

TALPAC-3D

Simulation Solution

**Reduce risk and uncertainty,
and improve your operations.**



Increased Mine Productivity Through Detailed Analysis

TALPAC-3D is a simulation tool for investigating your options, building your fleet and accurately forecasting future productivity.

Combining more than 40 years of industry experience, TALPAC-3D delivers the best practice simulation for miners, contractors and consultants. With a game-inspired 3D interface, TALPAC-3D uses proven logic that models real haulage situations. This enables users all over the globe to study the measurable factors that affect productivity and how fleets will react to them.

Reduce risk and uncertainty, and improve your operations with TALPAC-3D.

Minimise Haulage Costs



Use sensitivity analysis to find the lowest cost per tonne.

Accurately Forecast Future Productivity



Proven logic to model and predict future performance.

Find Optimum Results Quickly



TALPAC-3D is easy to use and fast to learn, meaning you can test multiple scenarios and optimise results.

Reduce Risk and Uncertainty



Used by organisations all over the world to model truck and loader productivity and costing scenarios.

Scenario Analysis



Perform scenario analysis, haulage calculation and equipment comparison.

3D, Game-Inspired Interface



TALPAC-3D uses a game-inspired interface to bring context to any simulation.

Trusted Travel Time Calculations



TALPAC's calculation engine has been refined for more than 40 years and is used by thousands of people including miners, OEMs and contractors.

Industry's Largest Public Equipment Library



Access to the industry's largest publicly available equipment library, including all major OEMs.

Investigate Your Options. Build Your Fleet. Accurately Forecast Future Productivity.

Optimise Your Fleet

TALPAC-3D calculates equipment productivity over the operating hour, shift and year. It calculates the total cycle time, including travel time, dump time, spot time, loading time, and queue time. It does the fleet simulation and can simulate different types of loading, such as single-sided and double-sided. TALPAC-3D can also optimise the truck fleet based on user-selected parameters.

With TALPAC-3D, you can look at the sensitivity of equipment productivity for various parameters within a haul system, such as varying ramp length and optimal truck numbers with each incremental ramp change. TALPAC-3D can automatically generate a set of results based on changed parameters. All results from every run are stored so you can review previous calculations.

Cycle Time Analysis

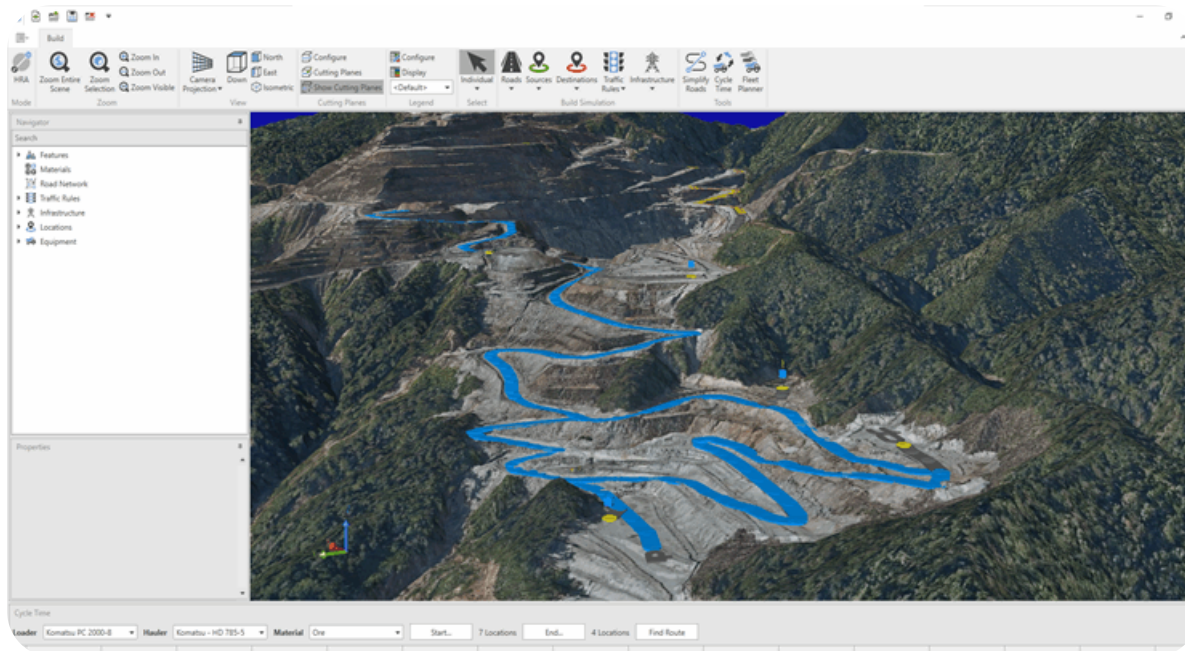
Cycle Time Analysis is now available across the whole network. As well as a detailed segment-by-segment breakdown of the haul cycle, TALPAC-3D also has an intra-segment report designed to demystify the Travel Time calculation, explaining the relationship between truck speed, rimpull curve and fuel consumption.

Scenario Analysis

Small changes in productivity have a large impact on long-range plans. Information from TALPAC-3D allows you to determine the best equipment scenario for a given planning horizon.

Effectively Compare Your Fleet Options

Look at the sensitivity of equipment productivity for various parameters within a haul system, such as varying ramp length and optimal truck numbers with each incremental ramp change.



RPMGLOBAL

**For almost 50 years
RPMGlobal has been
Advancing Mining with
advice and technology
solutions that provide
a step-change to the
accepted process.**

Guided by our underlying principles of mining expertise, innovation and sustainability, we strive to create safer, more efficient and more sustainable operations for our customers. Our focus on providing advanced mining technology, together with deep domain expertise across the mining lifecycle enables us to guide customers through the current and emerging challenges being faced by the industry worldwide.

For more information visit
rpmglobal.com/product/talpac-3d/