CAT®
PRODUCTIVITY
Dispatch for Loading

RIGHT PRODUCT. RIGHT AMOUNT. RIGHT TIME.

Dispatch for Loading is a module available within Cat® Productivity. It is an end-to-end solution that improves quarry efficiency and drives down operating costs. Dispatch for Loading automates the assignment of the loader's list of jobs by truck, material, and payload. It improves the accuracy in the loadout, and potentially reduces a truck's waiting time on site by up to 10%.

Cat Productivity is a web platform that sends a complete overview of the quarry operation directly to your mobile, tablet, or desktop device. It uses machine data transmitted from the onboard Cat Product Link™ device, directly to the web platform. This allows quarry managers to view live truck activity and monitor the site's day-to-day progress. For wheel loaders subscribed with Cat Productivity and Dispatch for Loading, and equipped with Cat Production Measurement Pro, it provides operators with a live view of trucks in the yard.

BENEFITS OF DISPATCH FOR LOADING

- Increased quarry efficiency
- Improved site communication
- Improved accuracy in loadout

- Reduced truck waiting time
- Reduced safety concerns
- Reduced operating cost and waste

Features of Dispatch for Loading

- Site management
- Scalehouse integration using Command Alkon Apex software
- Foreman site summary to manage and monitor site progress
- Near real-time site dashboard
  - Average: Truck time in yard, loading time, hauling time, waiting to load

- Job history reporting
- Simple and intuitive interface for loader operator
- Integrated Cat Production Measurement Pro system
  - Measure payload, truck ID, material ID, loader ID

HOW DISPATCH FOR LOADING WORKS

⊞ 2 REDUCES TRUCK WAITING TIME
- Sends key information to the loader display as trucks enter the yard, following communication with the scale house.

⊞ 3 MAXIMIZES SITE OPERATING COSTS
- Reduces truck time in yard due to wrong material loaded, or incorrect payload.

⊞ 4 IMPROVES QUARRY EFFICIENCY
- Provides a near real-time view of trucks in the yard.
- Day-to-day site progress allows identification of areas for improvement.

⊞ 1 CENTRALIZES SITE COMMUNICATION
- Automatically assigns loaders to trucks, material, and payload.
- Removes the need for error-prone communication such as hand signals, radio, or even no communication at all.

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YOU HAVE QUESTIONS.
DISPATCH FOR LOADING HAS THE ANSWERS.
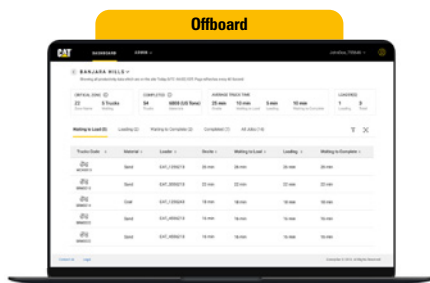
Onboard

Onboard

How can I reduce underloading and overloading of trucks?
Loader operators can see the target payload by truck based on target weight, and verify that they are getting the correct material.
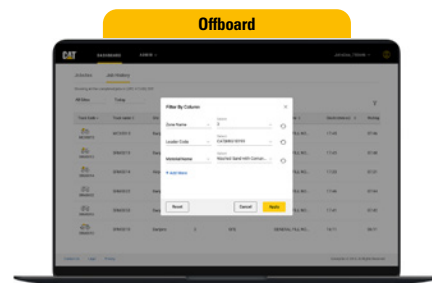
How can I reduce truck waiting time on site?
Dispatch for Loading delivers smoother quarry operation by ensuring your wheel loaders are quickly assigned and loading into trucks as required, with accuracy and efficiency.

Offboard

Offboard

How can I tell which trucks are currently in the quarry yard?
Quarry managers and wheel loader operators have a live view of trucks in the yard, no matter where they are on site, so they can monitor site operation and day-to-day progress.

How can I maximize my loader operator efficiency?
Dispatch for Loading saves your performance data, and can be used to identify training opportunities to increase operator efficiency.

> *It's great. It tells me who you are and what you're wanting, and how long you've been here… even if they're on the other side of the yard.*
>
> **– George, loader operator**

TECHNICAL REQUIREMENTS

HARDWARE:
• Loader equipped with Cat Production Measurement Pro
• Systems calibrated with latest software updates
• Cellular Product Link Elite telematics system (good coverage)

SOFTWARE:
• Subscribed to VisionLink® Cat Essentials 10 + Cat Productivity and/or Dispatch for Loading (per machine)
• Command Alkon Apex 6 software
  – Process for checking trucks into Apex

CAT PRODUCTIVITY WEB APPLICATION:
• PC, tablet or mobile (Android & iOS)
• Internet connection
• Subscribed machines in your customer account
• Cat customer login credentials (CWS login)

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