CAT® WATER SOLUTIONS

**Smarter, safer, more productive job sites
with Cat® MineStar Edge™**

Defeat dust. Control cost. Gain an Edge.

A water truck may be one of the most important pieces of support equipment at your site – and the support you need from us is just as important. That's why Caterpillar is now offering a fully integrated solution to control dust – backed by the one you trust.

REDUCE DUST. INCREASE VISIBILITY. WATER LESS.

When paired with Cat® MineStar Edge™, integrated water solutions can help reduce haul road dust and solve watering issues.

Cat MineStar Edge creates an operational ecosystem for mining companies, bringing visibility to the entire mining operation. MineStar Edge is a cloud-based service offering that collects and communicates machine data, enabling site supervisors to know what their fleet is doing, who is operating which machine, and how they are spending their time.

MineStar Edge leverages Equipment Tracking to provide near-real-time data, eliminating the need for manual data input and tracking. Supervisors can better understand machine utilization to deliver more value and a lower overall cost of ownership for the site. Now, Edge Equipment Tracking has been expanded to integrate directly with Caterpillar's proven water delivery system (WDS). They are engineered to work as a proprietary system to help you manage your site more safely, productively, and sustainably with Cat Water Solutions.

These levels of connectivity – along with Cat WDS – are standard offerings on all 777 (07), 777 (05), and 785D Cat Water Solutions Trucks. Retrofit kits are also available for existing Cat water trucks to augment their capabilities into a true water solution for your application.

CAT®

We offer two levels of Cat Water Solutions connectivity options through Cat MineStar Edge to meet a variety of applications at any job site, road, quarry or mine.

» Connectivity includes data logging capabilities critical to minimizing safety-related liability.
» Water Solutions data can help ensure customers are meeting regulatory requirements.

BASIC CONNECTIVITY* Edge Equipment Tracking	PREMIUM CONNECTIVITY Edge Production Recording
Customer need: "I need to know where my truck is and how much water it's distributing."	**Customer need:** "I need to know what my operators are doing and how much water I'm using."

WHAT VALUE DOES IT PROVIDE?

Automates basic data collection, eliminating paper recording by the operator.
 	
• Real-time & historical reporting**
• Truck location and utilization data
  » Starts & stops
  » Routes
• Fuel and water level
• Whether or not the truck is spraying water
• Water Delivery System utilization (auto vs. manual mode)
	A comprehensive reporting package with data & reports that can help operators improve watering technique/efficiency.
	
	• Water usage by truck/fill station
	• Volume of water put down over time and area covered
	• Rate of water being put down, water delivery system setting by location, truck, and conditions
	• Activity breakdown including time & distance (watering, not watering, stopped, etc.)
	• Real-time reporting to the operator on water coverage & need (route, heat map, decay map)**[1]

WHAT IMPROVEMENTS DOES IT DRIVE?

• Improved operator productivity • Improved water spray utilization	• Improved operator productivity • Improved water spray utilization • Lower water costs • Improved cycle time

*Basic connectivity package comes standard on all Cat Water Solutions trucks with a 6-month complimentary service-based offering for better data insights. **Based on equipment connectivity via WiFi or cellular data. [1] Feature to be included in future update.

For more information, contact your local Cat dealer or visit Cat.com/WaterSolutions

CAT®