

CAT® MINESTAR™ SYSTEM

# FLEET



INTEGRATED FLEET MONITORING & MANAGEMENT FOR MINING



# FLEET

## TRACK, MANAGE AND ASSIGN ALL TYPES OF EQUIPMENT

With real-time machine tracking, assignment and productivity management, Fleet gives you a comprehensive overview of all your operations.

Fleet enhances the management of all types of equipment operations and allows you to easily drill down for more detailed views and analysis. You can generate reporting on selectable groups of assets, equipment on a particular site or even individual machines.

Fleet works with data from all types of assets and equipment—including off-highway trucks, wheel loaders, motor graders, wheel dozers, shovels, light-duty vehicles and equipment from other manufacturers—helping you reduce costs per ton, enhance productivity and boost overall site profitability.



FLEET



TERRAIN



DETECT



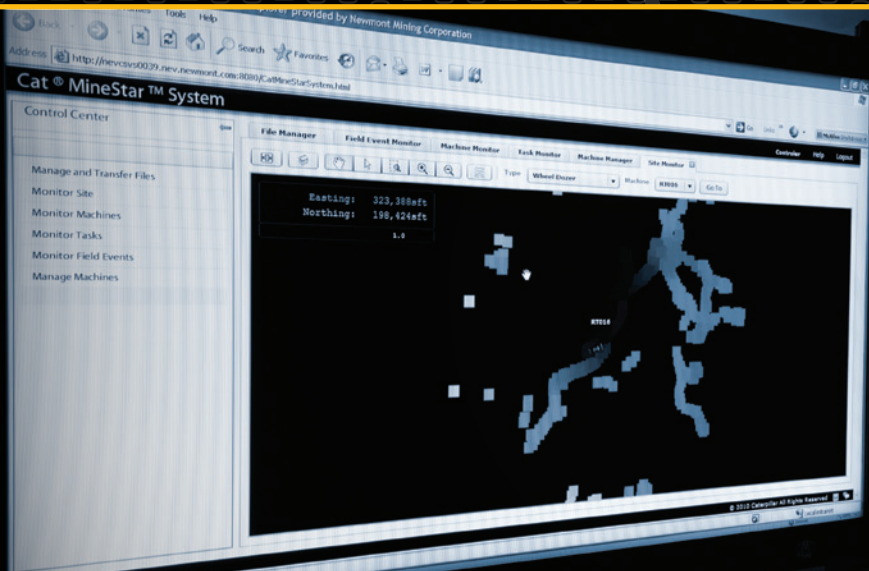
HEALTH



COMMAND







## SEAMLESS TRACKING, MONITORING AND MANAGEMENT

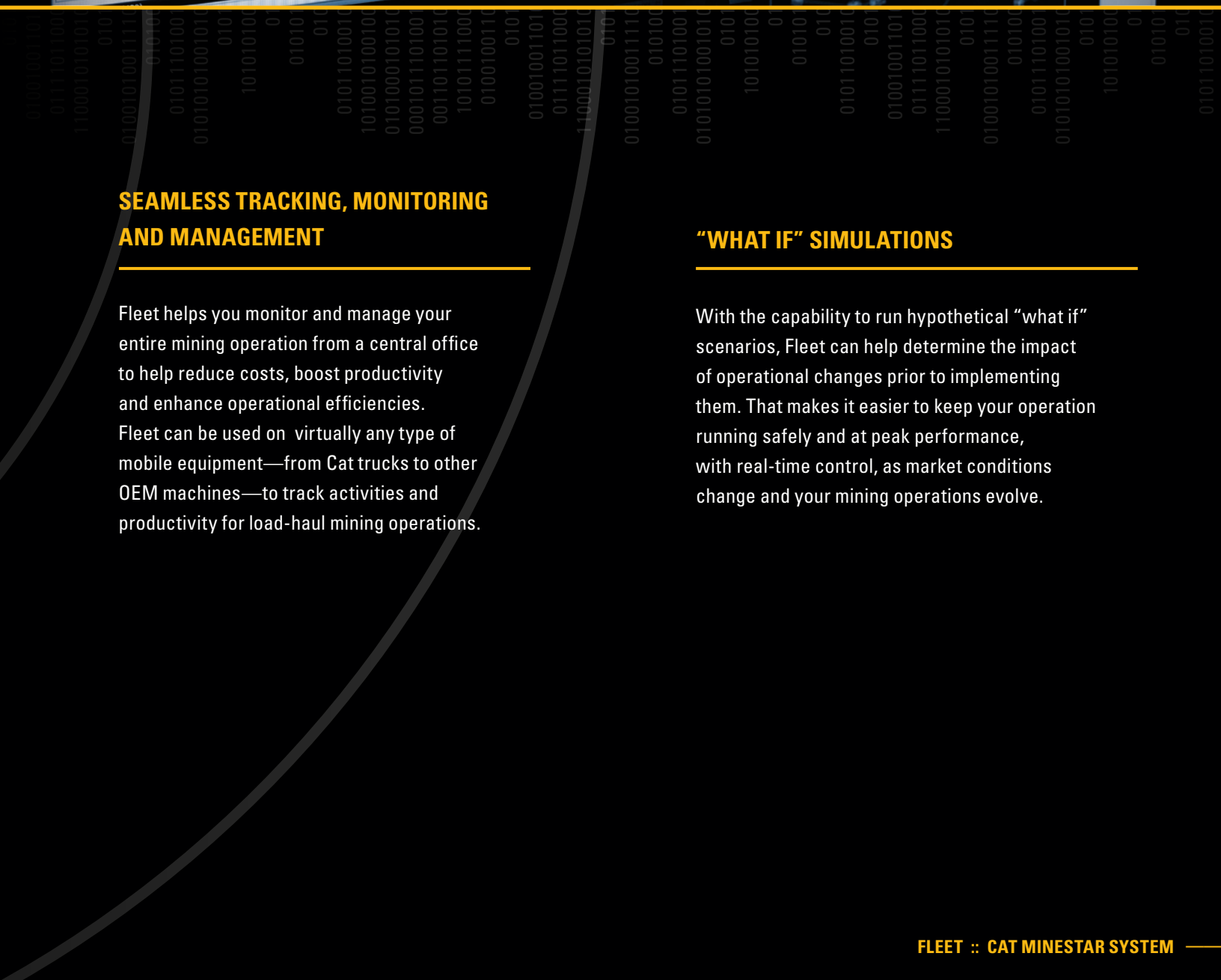
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Fleet helps you monitor and manage your entire mining operation from a central office to help reduce costs, boost productivity and enhance operational efficiencies. Fleet can be used on virtually any type of mobile equipment—from Cat trucks to other OEM machines—to track activities and productivity for load-haul mining operations.

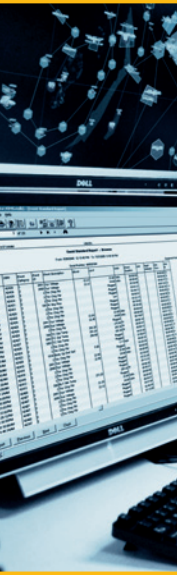
## “WHAT IF” SIMULATIONS

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With the capability to run hypothetical “what if” scenarios, Fleet can help determine the impact of operational changes prior to implementing them. That makes it easier to keep your operation running safely and at peak performance, with real-time control, as market conditions change and your mining operations evolve.



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**CONFIGURABLE FOR ANY SIZE OR  
TYPE OF MINING OPERATION, FLEET  
ENABLES MINING OPERATIONS  
TO DELIVER ENHANCED SAFETY,  
GREATER EFFICIENCY AND  
MAXIMUM PRODUCTIVITY.**

## **COMPREHENSIVE MINE MONITORING AND FLEET CONTROL**

With a number of optional capability packages to choose from, Fleet can be configured to meet the unique needs of any mining operation, giving you maximum management flexibility.

Fleet gives you the vital monitoring, assignment and tracking tools you need to work more safely, efficiently and productively. Because Fleet is designed with the latest advancements in equipment technologies and optimization, it is a key foundational system in the autonomous mine site of the future.



## FLEET CAPABILITY PACKAGES

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**Production**—Provides real-time visibility to cycle time, payload and other key operational parameters to improve productivity.

**Assignment & Optimization**—Schedules and assigns equipment, maximizes production and shovel utilization, minimizes truck wait time and manages shift changes.

**Position & Material**—Monitors machine locations and material movement. Alerts operators and planners of misroutes to ensure material is moved to the proper location.

**Data Share**—In the future, will enable Fleet to share data and information with other electronic mine site management systems.

**Multi-Site**—In the future, will allow for management of multiple Fleet-equipped mine sites from a single control center.

# CAT® MINESTAR™ SYSTEM

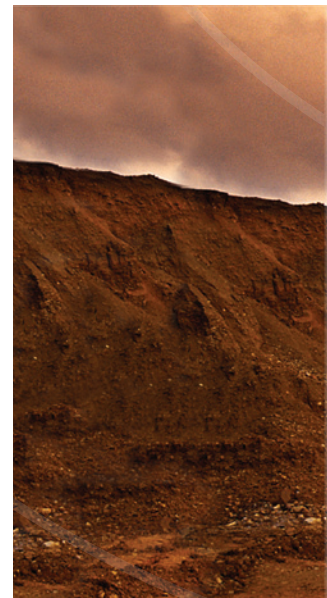
**Fleet is one of a range of capability sets within Cat® MineStar™ System, the industry's broadest, most thoroughly integrated mine operations and mobile equipment management system.**

The Fleet capability set shares data seamlessly with other Cat MineStar System technologies as part of a comprehensive mining management system. Cat MineStar System capability sets can be used individually or in combination to create an integrated technology system, scalable and configurable to the needs of mining operations of any size, type or complexity.

With the ability to track, monitor and manage all types of assets, from fleet-level overviews down to individual machine details, Cat MineStar System gives you the in-depth information you need to manage all mining operations more safely, efficiently and productively.

For more information, visit [cat.com/miningtechnology](http://cat.com/miningtechnology)

**WHEREVER THERE'S MINING, WE'RE THERE.**



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