



CAT[®] COMMAND

REMOTE CONTROL



TWO SYSTEMS TO MATCH JOB NEEDS

CAT COMMAND CONSOLE

Portable, lightweight system allows the user to work outside of the cab while remaining on site and in direct visual contact with the machine.

- Ideal for short-term and emergency use
- Requires no on-site communications infrastructure



*Console Versions Vary
by Equipment Type*



CAT COMMAND STATION

Enables the operator to work remotely in a seated indoor "virtual cab" located on site or many miles away.

- Helps reduce operator fatigue with a comfortable working environment
- High quality video delivers a clear view of the work area



SAFETY FIRST

Provides greater standoff and increased distance between operators and threats in hazardous environments; protecting operators during combat operations from explosive hazards and ballistic/fragmentation threats.

SIMPLE TO OPERATE

Easy to learn and use. Common jobs like breaching operations or obstacle reduction in hazardous areas become safer for operators – without sacrificing control or accuracy.

INCREASE PRODUCTIVITY

Quickly transfer control between machines and locations. Decrease downtime and reduce fatigue by eliminating the effects of vibration, noise, and rough terrain.



The Cat Command system requires a wireless network to communicate with all remote-controlled machines. The network design will vary depending on your job site requirements and the system you use, whether a Console or a Station. While a simple line-of-sight network will suffice for the Command Console, the Command Station may require a more sophisticated network and more advanced planning.

To ensure the successful deployment of Command, your Cat dealer has a multi-step commissioning process that includes the following steps:

- **Machine Application Review** - Determines requirements to implement Cat Command for each machine.
- **Site Application Review** - Identifies jobsite application, task, and production needs that can utilize Command technology.
- **Wireless Site Survey** - Provides an understanding of the available wireless spectrum at the jobsite.
- **End-to-End Network Design Review** - Confirms all network infrastructure and security requirements have been identified and planned for.
- **Training Assessment** - Identifies all user roles and prepares them to utilize Command prior to deployment.

Applications:

- Breaching operations
- Lane proofing
- Fighting positions
- Gap crossing
- Obstacle reduction

Military Modifications:

- Covert operation capability
- Suppressed signals for tactical operations

NETWORK CONFIGURATION OPTIONS





COMMAND ADVANTAGE

RETAIN MACHINE EASE OF USE TECHNOLOGIES

Caterpillar's Ease of Use (EOU) technologies help operators control the machine more efficiently, improve accuracy, and enhance productivity. From intuitive controls to automated systems, EOU technologies maximize productivity while minimizing the learning curve.

The Cat Command system is fully integrated into the machine controls, including EOU technologies, allowing Command Station operators to retain all machine features. Command Console users may have some operator assist feature limitations; refer to the operation and maintenance manual for specifics.*

** Operator assist features for the Command Console are not available in the Europe, Australia, and New Zealand.*



Ease of Use technologies vary by machine type. Some of the features include, but are not limited to:

Wheel Loaders

Compact Track Loaders

Hydraulic Excavators

Dozers

Articulated Trucks

Compactors

Contact a Caterpillar Defense Account Manager to learn more.

CAT® COMMAND PRODUCT LINE UP

COMMERCIAL SOLUTIONS



966 Wheel Loader

- Payload
- Advanced Rimpull
- Autodig
- Auto Set Tires
- Auiliary Flow
- Engine Idle Shutdown
- Machine Speed Limit
- Programmable Kickouts



Compact Track Loaders

- Level Lift
- Adv Work Tool
- Return to Dig
- Work Tool
- Positioner
- Float Mode
- Creep Control



320 HEX

- Grade
- Payload
- E-fence
- Cab Avoidance
- Auto Heavy Lift
- Lift Assist
- Smart Mode
- Work Tool Recognition



Dozers

Grade
Auto Carry
Blade Load Monitor
Eco Modes
Slope Assist
Stable Blade
Steer Assist
Traction Control

Articulated Trucks

Return to straight
Traction Control
Rollover Prevention
Payload
Auto Retarder
Auto Hoist
Auto Wait Brake
Hill Start

Compactors

Compaction

© 2026 Caterpillar. All Rights Reserved. Printed in the USA.

Materials and specifications are subject to change without notice. Featured machines may include additional equipment. See your account manager for available options.

CAT, CATERPILLAR, LET'S DO THE WORK, their respective logos, "Caterpillar Corporate Yellow", the "Power Edge" and Cat "Modern Hex" trade dress as well as corporate and product identity used herein, are trademarks of Caterpillar and may not be used without permission.

^{***}The appearance of U.S. Department of Defense (DoD) visual information does not imply or constitute DoD endorsement.

[†]Crown copyright 2023. Contains public sector information licensed under the Open Government License V3.0.



cat.com/defense

