



SOLUTIONS & SERVICES

**SUPPORTING THE MISSION.
ANYTIME. ANYWHERE.**

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



THIS IS CATERPILLAR DEFENSE.

WHERE THERE'S DEMANDING WORK, THERE'S CAT® SUPPORT.

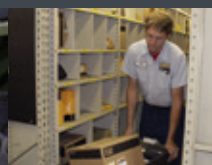
Whenever and wherever the operation goes, a Cat® dealer location is never far away, ensuring our solutions are always ready to perform.

For the most urgent demands of contingency and wartime operations, Caterpillar Defense employs a parts priority system so orders for these operations are moved to the front of the line.



Local Service Operations

Staffed with highly skilled, Caterpillar-trained technicians



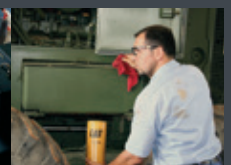
Parts Support

Delivering the right part when and where it's needed



Remanufactured Parts

Reduce costs and accelerate repairs



Component Repairs

High-quality service even when reman parts are not available

All around the world, people put their lives on the line to ensure others get the energy, security and aid they need.

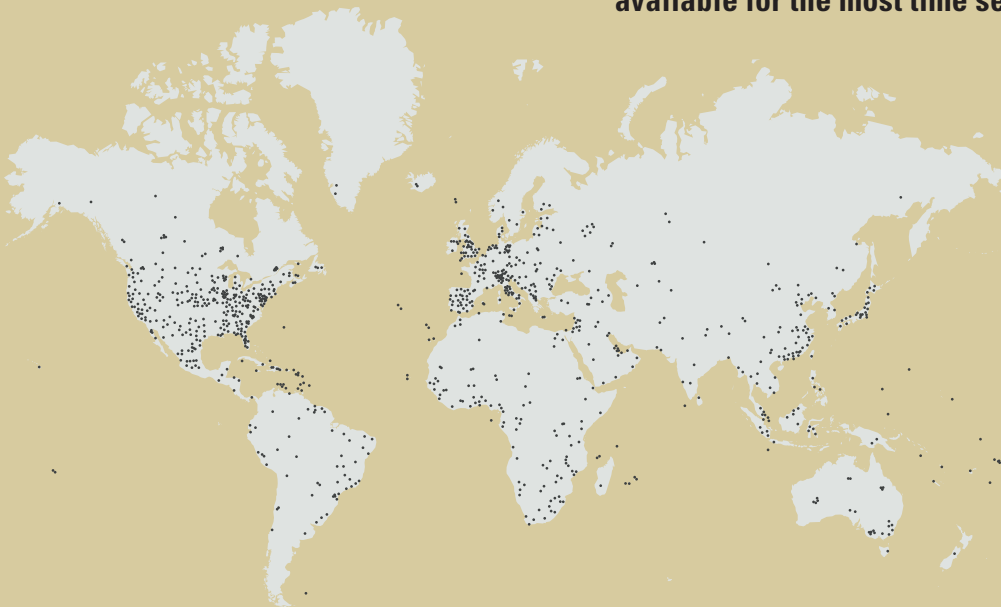
For those people, we work.

We deliver unfailing reliability with solutions and services to meet the challenges of their diverse and demanding operations.



WORLDWIDE CAT DEALERS

161 dealerships and over 2,000 branch stores located in 192 countries all ensuring service and support is readily available for the most time sensitive operations.



- Over 5,200 parts distribution employees worldwide
- Supporting over 750,000 unique Cat parts
- Distribution facilities strategically located on 6 continents
- Over 96% availability rate
- Over 99% of customer orders shipped same day

EQUIPMENT

Moving earth to move the world.

Maximize operator safety and efficiency on the front line and behind it. Leveraging the Cat commercial portfolio, our military equipment solutions deliver the industry’s most powerful, reliable machines that personnel count on to do their work. Our commitment is to design and build mission-focused Cat Defense solutions that help accomplish the most challenging tasks in the most adverse and diverse environments.

Military Modifications

Modified or New Operator Cab	Military Lights
Jumpstart Receptacle	Armored Cab
Military Batteries	Machine Armor Packages
Work Tool Attachments	MIL-STD-209K Lift and Tie Down Provisions
Remote Control	CARC or Special Paint
Military Oil Sampling Valves	Fire Extinguisher
Military Data Plates	Rifle Brackets
Modular Crew Protection Kits	Mine Clearing Solutions
Other Machine-Specific Modifications	



Enabling, empowering and protecting operators with advanced technologies.

Task-focused modifications and specialized operating systems enhance the safety and productivity of operators. Whether clearing explosive hazards or rubble to enable mobility, advanced Cat remote controls with vision systems for dozers put more distance between engineers and threats. Electro-Hydraulic (E/H) controls improve blade response and enable remote control/semi-autonomous capabilities that help operators be more productive.

Technology Solutions

Cat Remote Control

Cat Vision System

AutoCarry™ Semi-Autonomous Blade Control



Vision System and Remote Control

Work Tool Solutions

V-shaped Mine Plow

Full Width Side Cast Mine Rake



V-shaped Mine Plow

Armored Protection Solutions

Cat armor protection solutions give operators the scalability they need to adapt to changing environments and conditions.

Armored crew protection kits (CPK) on military modified Cat machines provide 360° protection for operators inside the cab. Various CPKs are available for most machines, giving personnel more flexibility as protection requirements change.

Machine Armor Protection (MAP) is available for critical machine automotive components.



966H with Crew Protection Kit



D7R-II with Machine Armor Protection

ENGINES

Powering forces to move missions forward.

Whether providing border security or patrolling hundreds of miles from shore, Cat Defense land and marine engine solutions help to ensure the required speed and power are at the ready to keep operations moving forward through whatever the world throws in the way.

Land Applications	
Tracked Vehicles: 20T-70T	Wheeled Vehicles: 4x4, 6x6 and 8x8

Marine Applications	
Submarines	Supplemental Vessels
High Performance Enforcement	Combatant Vessels
High Performance Combatant	Harbor Tugs



LAND POWER TRAIN SOLUTIONS

Military Modifications

Military Vehicle Powerpacks
High Power Density Engines
Military Cross Drive Transmissions

PowerSWITCH	Auxiliary Control Module
Combat Override	JP8 Fuel Compatible
EMC Clamshell	Bespoke Design Services

MARINE ENGINE SOLUTIONS

Military Modifications

Marine Propulsion Engines
High Performance Propulsion Engines
Marine Auxiliary Engines and Gen Sets
Marine Propulsion Systems

ABS Naval Vessel Rules Certified	Sound Attenuated Enclosures
MIL-901D Grade Shock Qualified	Innovative Autonomy Platforms
MIL Standard Qualified	ABS HSNC Certified



POWER GENERATION

Powering continuous security and operation.

Uninterrupted energy is essential to the collection and security of information in the largest data centers, the well-being of patients in Veteran's Affairs hospitals and personnel stationed in extremely remote areas. Resilient and reliable—just like the people who count on nonstop power to carry out their duties every day—Caterpillar Defense designs and builds secure, industry-leading power generation solutions.

Applications

Embassies

Data Centers

Pumping Stations

Arsenals

VA Hospitals & Medical Centers

Military Bases & Facilities

Radar Sites

Federal Projects & Buildings

National Guard & Coast Guard Facilities



ELECTRIC POWER GENERATION SOLUTIONS

Gas and Diesel Generator Sets	Prime Power Modules
Generator Paralleling Systems	Switchgear and Automatic Transfer Switch
Mobile Electric Power	Emergency Back Up Power
Hybrid Microgrid and Energy Storage Systems	

Military Modifications

JP8 Fuel Compatible	Special Packaging
High Ambient	Custom Fuel Tanks
High Altitude	T4F Aftertreatment



LIFECYCLE SOLUTIONS

**Whatever operations need.
Wherever operations go.**

Caterpillar Defense and the global Cat dealer network provide you with the most extensive coverage to ensure complete support is available regardless of where the operation takes you. Through the entire lifecycle of the Cat solution, count on Caterpillar Defense to help optimize operational readiness and deliver unsurpassed support.



REBUILD & REPAIR

Service Life Extension Program (SLEP)

When a machine approaches the end of its first lifecycle, the military Service Life Extension Program (SLEP) gives machines a complete second lifecycle at a fraction of the cost of a new replacement. And it's all performed at a local Cat dealer.



Before SLEP

After SLEP



Mobile Hose Shop

Mobile Repair Shop

Theater Equipment Refurb

Repairs and services are conducted in-theater on military bases with qualified technicians and management processes. In addition to scheduled services for the machine, the refurb provides a TA2 inspection that serves as the basis for recommended repairs. Mandatory replacement parts can also be included to customize to local needs.

RESET Program

Reducing the unit maintenance workload, the RESET program returns machines to pre-deployment condition and fully mission capable (FMC).

Condition Monitoring Services

Regular component monitoring and maintenance helps to reduce unexpected downtime and maintenance costs. Whether by on-site technicians, your local Cat dealer, or Caterpillar; stay on top of what actions need to be scheduled immediately or at the next scheduled service.

READINESS SERVICE & SOLUTIONS

World-class Training

Get classroom and hands-on experience working with Cat engines and components from a team with over 90 years of experience training technicians in commercial and military applications. Standard training courses are offered at Caterpillar and customized courses can be held at your location to meet specific needs.



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Course Subjects
Hydraulic Systems
High Pressure Common Rail Fuel Systems
Electronic Controlled Power Train Systems
Systems Operations
Electronic Engine Control Systems
Mechanical Electronic Unit Injectors (MEUI™)
On-board Diagnostics
Military Electronic Technician (MIL ET)

Deployment Support

Disaster response or aid delivery, wartime or peace time, surge or rapid deployment—Caterpillar Defense is ready to respond to the needs of the operation. Whether sending our people to you or customizing support to your operation, we will be there.

FIELD SERVICE REPRESENTATIVES
PARTS SUPPORT
ONLINE SUPPORT
MOBILE REPAIR SHOPS
HOSE SHOP

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

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