



# STEER REMOTE

REMOTE OPERATION TECHNOLOGY  
FOR HEAVY EQUIPMENT



# WHAT IS STEER REMOTE?

ANY BRAND. ANY MACHINE. ANYWHERE.

Steer Remote is a field-proven teleoperation system that enables operators to control heavy machinery safely from a remote location. The platform provides high-precision control, ultra-low-latency video, and secure communication — allowing operations to continue in hazardous and challenging environments.





# KEY FEATURES

## STEER REMOTE COMBINES HARDWARE, SOFTWARE, AND CONNECTIVITY INTO A ROBUST, PLUG-AND-PLAY ECOSYSTEM

The system is designed for modular integration, works with any machine brand, and can be deployed quickly across diverse fleets for maximum operational flexibility.

Its architecture ensures consistent performance, easy scaling, and seamless compatibility in demanding operations.

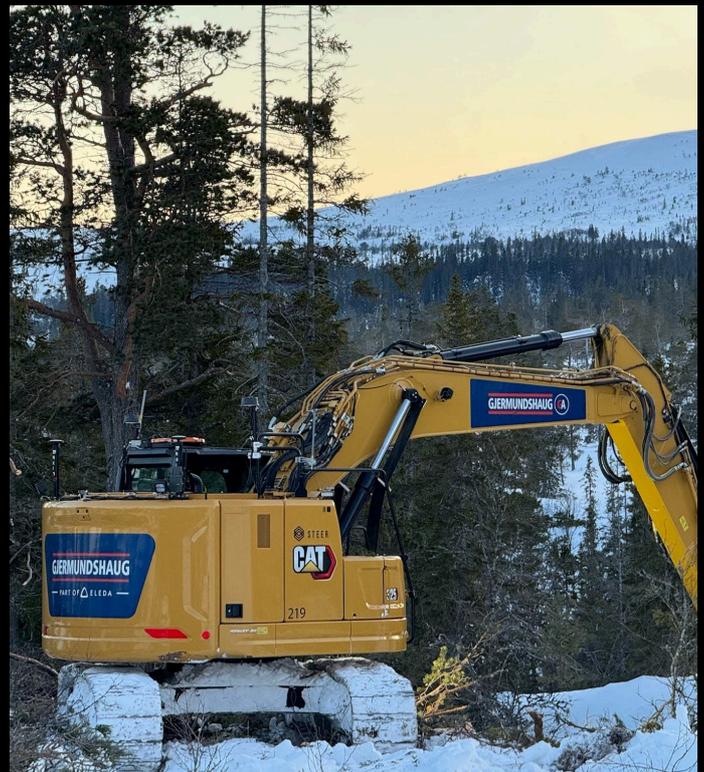
The solution outperforms other platforms like Cat Command, Komatsu Smart Construction Remote, Liebherr LiReCon, Develon Concept-X, and Bobcat MaxControl.

- ◆ Ultra-low latency 4K video (typically below 100 ms)
- ◆ Full machine control (CAN, Pwm, Analog, Digital, Hydraulics, Joysticks, Levers, Pedals, Custom interfaces)
- ◆ Secure two-way military grade encrypted communication (4G/5G/Wi-Fi/Starlink/Rajant/Mesh)
- ◆ Machine-agnostic platform – works with any brand
- ◆ GNSS/RTK support (Trimble, Topcon, Leica, Makin)
- ◆ Built for industrial uptime and reliability
- ◆ **85.000** hours running time

# APPLICATION AREAS

Steer Remote is trusted by governments, contractors, and industrial operators in scenarios where operator safety, regulatory compliance, and operational uptime are critical

- UXO and EOD missions in contaminated zones and former military ranges
- Rescue and Cleanup after avalanches, radioactive areas etc.
- Large-scale construction in unstable or remote environments
- Land reclamation, dredging, and environmental remediation
- Post-blast excavation and high-risk demolition
- Surface and underground mining



# SUPPORTED BRANDS

Steer Remote is compatible with all major OEMs



KOMATSU

DOOSAN

DEVELON

KOBELCO

CASE *ih*

HITACHI

LIEBHERR



VOLVO  
Construction Equipment

Epiroc

WIRTGEN



## SUPPORTED MACHINES

Steer Remote supports remote control of a wide range of tracked and wheeled heavy machinery

### EXCAVATORS



### DOZER



### WHEEL LOADERS



### ARTICULATED DUMP TRUCK



### COMPACTORS AND ROLLERS



### SMELTING INDUSTRY VEHICLES



# SAFETY & COMPLIANCE

With support for high-bandwidth and redundant communication channels including 5G, Starlink satellite, fiber, and private wireless mesh networks, Steer Remote enables secure operations from:

- ISO 12100
- IEC 62443
- CE compliant
- EU Machinery Regulation Compliant



Steer Remote includes full documentation, risk assessments, and safety integration guidance for deployment.

Operators benefit from multi-camera views, GNSS overlays, and automated alerts – all within a highly responsive control environment.

