

Preventing Equipment Theft

With Remote Engine Disable

CHALLENGE

Equipment theft creates costs that extend well beyond replacing the machine. For owners, operators, and rental fleets, a loss can drive higher insurance premiums, larger deductibles, tighter coverage terms, and greater difficulty securing coverage after repeated incidents.

EQUIPMENT THEFT BY THE NUMBERS

10,000+
Annual heavy equipment theft incidents in the US

$1B
Estimated value of equipment stolen each year

1 in 5
Stolen machines are ever recovered

Sources: National Equipment Register; National Insurance Crime Bureau.

The impact goes beyond the asset itself. Theft can lead to downtime, project delays, insurance costs, and lost productivity, while most stolen machines are never recovered.

And theft is only part of the problem. Unauthorized use, misplaced equipment, and delinquent rentals create additional cost and operational risk for owners, rental fleets, and contractors. Together, they expose a larger gap: **the machine can be tracked, but not controlled.**

SOLUTION

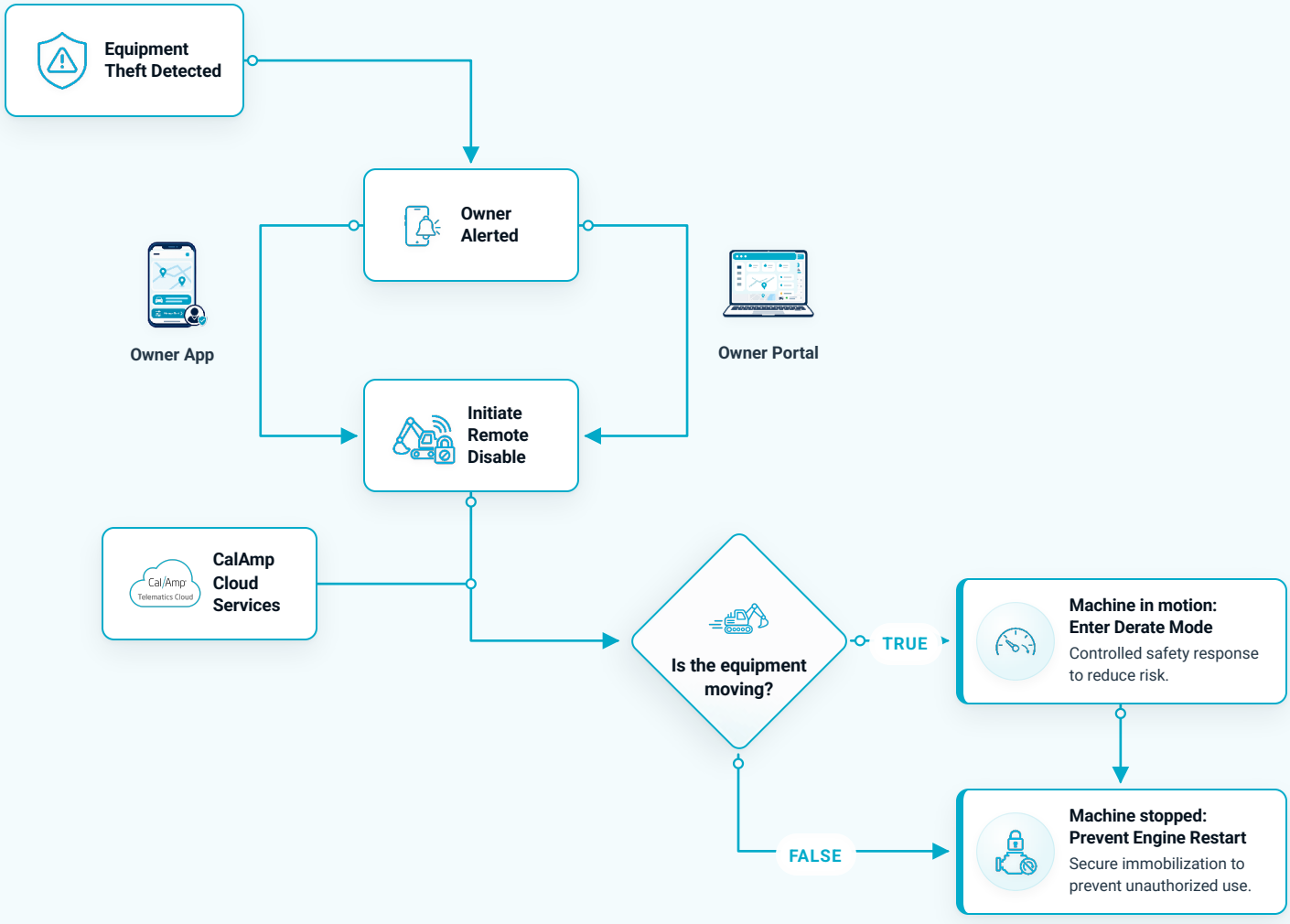
Remote Enable/Disable

CalAmp helps OEMs expand their digital service offerings with custom firmware that enables remote engine enable/disable for equipment theft prevention. Equipment owners can control engine operation through the OEM's existing Customer App and Owner Portal, using telematics devices already installed in the field with no new hardware required.

How It Works

When theft is detected, the owner receives an alert and can initiate a remote disable command. CalAmp Cloud Services sends the command to the device and receives the machine status needed to choose the response.

The device applies the appropriate response: controlled derate while moving, or prevention of engine restart while stationary. If the machine is already stationary, restart can be prevented immediately.



Better Business Outcomes

Remote enable/disable expands your connected platform with extended security features that reduce risk for equipment owners, and create more value across the installed base.

Expand the Connected Platform

Bring remote enable/disable into your existing app and portal, extending your connected offering from visibility to control.

Deploy to Installed Base

Open new service opportunities with custom firmware on compatible devices already in the field.

Strengthen Rental Control

Give rental customers remote control to help manage delinquent accounts and unauthorized use.

Reduce Theft-Related Risk

Help customers limit theft-related losses, claims exposure, and downstream disruption.

Protect Uptime

Help keep customer projects moving by reducing equipment loss and recovery time.

What could your connected platform do next?

To learn more about remote enable/disable and related theft prevention features with telematics, speak with our team about device compatibility and platform integration.

With 10M+ connected assets, decades of telematics expertise, and 220 approved and pending patents, CalAmp helps OEMs build differentiated connected solutions, get to market faster, and scale with confidence.

Talk to an Expert →

CalAmp®

2200 Faraday Ave, Suite 220
Carlsbad, CA 92008
sales@calamp.com