



Now you can

manage equipment

from virtually anywhere.

PointGuard is a system monitoring and management tool that connects you to your equipment through a secure network of on-site hardware, communications technologies and web-based software. It puts you in control, whether your equipment is next door or halfway around the world.

PointGuard™

A Caterpillar Affiliate



● ● ● NEED TO **guarantee** A LEVEL OF ENGINE UPTIME?

Your Cat® dealer can provide tools and services, supported by PointGuard, that help maintain your contracted level of uptime or engine performance. PointGuard's Incident Tracker allows site operators to enter reasons for downtime and their action taken. PointGuard Reports provide both you and your Cat® dealer with histograms to analyze downtime causes, as well as Uptime Utilization Reports per your contract needs.

● ● ● NEED TO **collect data and report**

ON ENGINE PERFORMANCE TRENDS?

PointGuard and your Caterpillar® dealer provide data collection and trending services, that help you pinpoint causes of performance problems before they become performance problems. The data collected by the PointGuard system provides a trail to follow for troubleshooting that is clear and understandable.

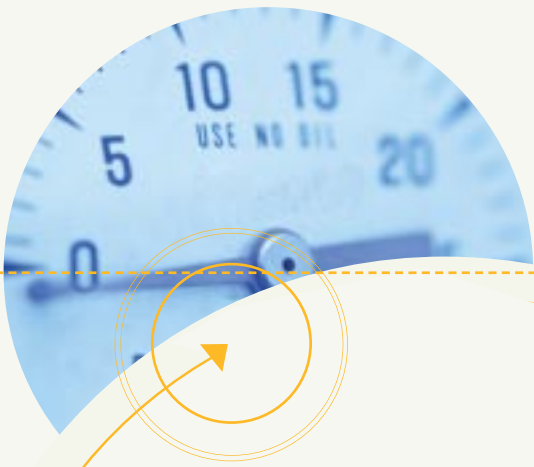
When it comes to your equipment, PointGuard can tell you what you need to know, when you need to know it.

PointGuard reports give your employees information to act on in a format that makes sense.

Reports and graphs can be posted to the PointGuard web portal or emailed to a list of people, all done automatically, keeping critical engines running around the corner or around the world. When it comes to your equipment, PointGuard can tell you what you need to know, when you need to know it.

puts you in control





**THE ENGINE IS
RUNNING AT 1,800 RPM,
ITS COOLANT IS 198 DEGREES,
OIL PRESSURE IS 60 PSI, THE EXHAUST
TEMPERATURE IS CLIMBING ABOVE 1,500 DEGREES
AND YOU'RE AT YOUR DAUGHTER'S WEDDING.**

● ● ● NEED TO HAVE **24/7 coverage** AND **lower**
YOUR **maintenance costs?**

PointGuard offers operations and maintenance tools that reduce your maintenance costs while making them more predictable. When your equipment needs attention, PointGuard gives you quick notification. PointGuard can remotely start and test the equipment, as well as help you set up a smart preventative maintenance schedule and equip the service technician with information that pinpoints needed repairs quickly.

NEED TO MAKE SURE THE
engine will start?

PointGuard has a history of solving problems. For a customer with high volume print needs, PointGuard delivers immediate, reliable backup power. In this application, electrical power is absolutely critical. Any outage would damage print materials and take valuable time to bring the



complex printing system back up to operation. To ensure a reliable supply of power, their plant is equipped with an uninterruptible power supply system and a standby emergency generator, all monitored by PointGuard. PointGuard not only monitors the standby system 24/7, it provides alarm notification, fuel dispatch, system tests and alarm/event history reports. There's no better way to make sure your emergency backup will work in an emergency.



● ● ● NEED A **single view** OF
multiple sites?

PointGuard helps provide increased capacity at peak times. For example, a major utility company installed 28 power modules at 3 unmanned sites located hundreds of miles apart. Then they asked PointGuard to provide a single view for power output and to help manage them.

PointGuard configured a system that provides constant monitoring of the modules during operation, 24/7 alarm response, maintenance scheduling, fuel dispatch, readiness tests, billing settlement, management reports and monitoring of emissions for environmental permits. No matter how complex the problem, the solution is simple. PointGuard.



● ● ● NEED SOMEONE TO SIMPLY **take care of it all?**

There's no application too large or too small.

PointGuard can monitor a single engine at a single site, or can provide worldwide data management and reporting on multiple engines at multiple sites. With PointGuard you can manage energy-saving programs and track fuel use. PointGuard can even help you track the location of your portable units through our GPS location service.

No other system offers you so much control and so many options. That's why PointGuard is already serving a diverse group of clients ranging from shopping malls to remote pipelines and from hospitals to festivals.

We'd like an opportunity to show you what PointGuard can do for you. Whatever needs you may have for monitoring and managing equipment, PointGuard can do it all. It provides a complete, integrated solution that networks on-site equipment, software, communications and services. We connect to all makes of engine/generators, switchgear, transfer switches, fueling systems, ventilation systems and other auxiliary equipment.

In short, PointGuard is the one tool that can help you meet the growing regulatory, commercial and technological challenges in today's cost sensitive environment. And it's only available through your Caterpillar dealer.

PointGuard[™]

A Caterpillar Affiliate