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CAT® CONNECT SERVICES
ENERGY. INSIGHTS. SUCCESS.

Now there's an easier way to monitor and manage your assets, no matter where they're located. Enroll in Cat® Connect Services, and let our expertise in energy turn your data into insights that can improve your profitability.

CHOOSE CAT® CONNECT AND GET MORE FROM EVERY ASSET

Cat Connect offers a simple way to:

+ Receive and share information about your assets in real time. Whether you're managing a single machine or an entire fleet, customized data is at your fingertips — on the jobsite, on the go or in the office.

+ Access web-based maps of your jobsite from any device with an Internet connection. Personnel out in the field can see the same view a manager has back in the office.

+ View your asset's status, location, engine & electrical parameters and current faults.

+ Make more informed decisions with customized alerts sent directly to you by text or email.

+ Leverage Cat domain expertise in energy to boost machine performance and life expectancy while lowering the operating costs of all your connected assets.

CAT® CONNECT

GET THE DATA YOU NEED TO MEET YOUR ENERGY GOALS

Cat Connect gives you the customized data you need to identify and resolve problems quickly—often before they result in costly repairs and unscheduled downtime. Choose the Cat Connect features that best fit your goals. Whether you aim to improve efficiency, reduce risk, cut costs or boost your bottom line, the data is at your fingertips through any cellular or local network connection.

STANDARD FEATURES

+ Basic engine and electrical parameters
+ Visualization of asset's historical performance (parameters depend on application)
+ Events and Diagnostics for remote troubleshooting
+ Preventive Maintenance Planning
+ Customized Dashboards
+ Unlimited # of users
+ Geo-fencing
+ 13 months trending data
+ Customized alerts sent by text or email
+ Optional Remote Start/Stop

ENHANCED FEATURES

+ Ability to add high fidelity customer defined data channels
+ 3rd party device support
+ Enhanced graphing with adjustable time period
+ Advanced Data Discovery—select important asset data for analysis

INVERTER

+ Weather Data
+ Inverters Performance Data
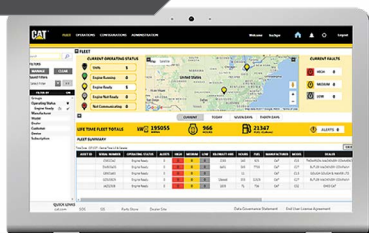+ Key Performance Indicators (energy efficiency, fuel substitution, % renewable)

YOUR DATA, OUR VALUES*

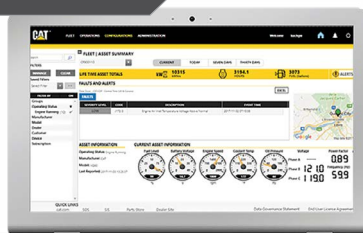Enroll now with confidence, knowing you're working with a partner who will:

+ Be transparent about data collection
+ Protect the data we collect
+ Respect your data rights*

* Visit **Cat.Com** to view Caterpillar's "Data Principles" and "Data Governance" statements.
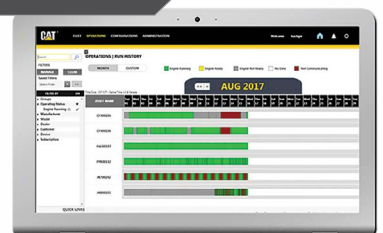
FLEET SCREEN

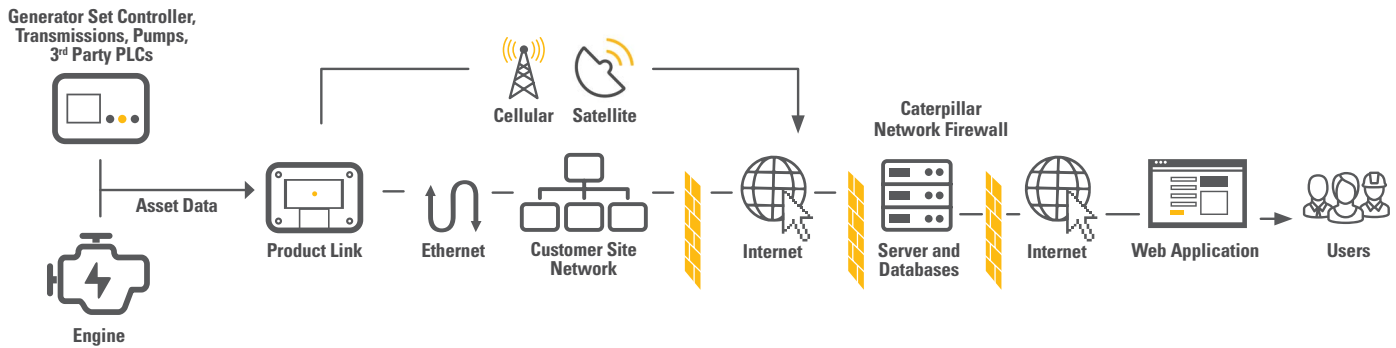**ASSET SCREEN**

OPERATIONS SCREEN

CHOOSE FROM SEVERAL CAT CONNECT OFFERINGS TO MEET YOUR NEEDS

SUBSCRIPTION LEVEL	STANDARD & INTERMEDIATE (STANDARD FEATURES)	PREMIUM, PREMIUM PLUS (ENHANCED FEATURES)	INVERTER
Secure web based application allows remote access to key generator and electrical data from any Internet access. Data privacy and security aligned to Caterpillar's Connected Product Data Principles.	X	X	X
Unlimited number of users with role based capabilities and viewing privileges.	X	X	X
Multiple viewing options, for single assets or an entire fleet. Customer-defined dashboards to track critical KPI's. Graphs and trends with history. Data available for download.	X	X	X
Preventive Maintenance Planning.	Time Based	Condition Based	
Real time alarms and customer configurable alerting capabilities via text or email.	X	X	X
Optional Remote Start/Stop.	X	X	
3rd Party device support for most common controllers as well as most electrical equipment—switchgear, ATS, inverters, etc.	X	X	
Increasing capabilities for sample rates.	1/Minute	1/Second	1/Hour
Custom screen development/On-boarding.		Option	Option

END-TO-END ARCHITECTURE OF CAT CONNECT TECHNOLOGY AND SERVICES

Generator Set Controller, Transmissions, Pumps, 3rd Party PLCs

Cellular **Satellite**

Caterpillar Network Firewall

Asset Data

Engine

Product Link — **Ethernet** — **Customer Site Network** — **Internet** — **Server and Databases** — **Internet** — **Web Application** → **Users**

HIGH-LEVEL SECURITY OVERVIEW

Cat Connect technology's (Product Link™ Hardware) end-to-end system is designed with multi-layer security controls and safeguards to protect against unauthorized access and disclosure. High-level security safeguards include, but are not limited to:

+ Cryptographic security controls to protect against unauthorized Product Link device software changes

+ Encrypted and authenticated remote connection

+ Only outbound remote connection, initiated by the Product Link device is allowed. Device does not participate in or respond to general Internet traffic

+ Caterpillar IT infrastructure secured utilizing generally accepted information security principles and practices

+ Secure web application connection with user login authentication and role-based access controls

[+] ## READY TO GET STARTED?

Contact us to find out how Cat Connect can help you improve asset performance, reduce costs and build a stronger business. To learn more visit **Cat.Com/EPSupport.**

LET'S DO THE WORK.™

CAT® CONNECT