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4 Reasons Your Heavy Equipment And Dispersed Assets Need M2M Keeping Up With Your Machines, Wherever They Are

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Look at the heavy equipment in this photo. Suppose you owned some of it, like the cranes or the drill rig. Your business would have a huge capital expense tied up in this project, wouldn't it?



Now imagine that this site is 10 hours away from your nearest office, and that you have other heavy equipment running at a dozen different remote construction sites. Are these dispersed assets running properly today, making money for you? Which ones are lying idle, costing you money? Are they where they're supposed to be, or has somebody just driven off with one of your excavators? Are your operators pushing them too hard? Are the engines running too hot? Has anyone checked fluid levels recently?

Keeping up with your dispersed assets

Whether you're in construction, leasing, agriculture, civil engineering, or any other industry that revolves around expensive, heavy equipment, you need updated information on your dispersed assets to get the most out of them. But the more you grow, the more you tie up valuable time, people, **mobile devices**, and wireless services gathering that information, one machine at a time.

Smart enterprises with heavy equipment and dispersed assets are adopting machine-to-machine (**M2M**) solutions. M2M lets them track assets, communicate changes, determine status, gather data, schedule maintenance, and make more money with their equipment, all in real time.

Here are four reasons M2M and heavy equipment are made for each other:

1. Tracking

Where are all your dispersed assets today? If a customer needs another loader at a site in the east, do you have an idle one nearby? M2M tracking tells you where your heavy equipment is right now and lets you ensure that your customers are operating it in the geographical boundaries of their lease agreement.

2. Maintenance and monitoring

Wherever your assets may be, you want to monitor them to maximize uptime. M2M opens the door to condition-based service management (CbSM) and predictive maintenance of your equipment, reducing your cost of labor, extending machinery lifetimes and enabling you to schedule work more accurately. Your assets tell you when something is due for repair.

3. Security

It's 2:00 in the morning; why is your pile driver's engine running? M2M gives you a big advantage in theft-prone construction areas because it operates independently of jobsite electricity, which thieves often disable. It tells you if your assets are moving when they shouldn't be, and can let you disable the engine and summon police.

4. Business

M2M can generate a lot of data that needs to fit into enterprise systems like **SAP**, Oracle and Salesforce.com. The real business value in M2M lies in its ability to integrate with the tools you're already using. You want to easily analyze your data for ways to make more money with your heavy equipment and waste less money on it.

With M2M, you have your finger on the pulse of your dispersed assets in real time. In fact, your dispersed assets are reporting their pulse directly to you. By enabling heavy equipment to talk, M2M optimizes conversations among the devices that need to be connected. The result: real-time status about machines and, in the future, perhaps, their surroundings.

Are heavy equipment and dispersed assets part of your job? How efficiently do you track, monitor, secure and make money with them now? How has M2M worked for you?

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