



# Think outside the box: Preventive maintenance by tracking

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## Preventive maintenance: Avoid loss of working hours

“How do we avoid losing working hours to break downs and waiting for replacement of our non-powered equipment?”

This was the challenge of one of our Swedish customers.

But normally there is no way to monitor the use of non-powered equipment. And when you want to track the use and condition of a massive loading bucket that works with crushed rocks in a rough environment, it seems impossible.

However, there is one obvious tracking solution that can do the task.

## One solution to stay in control

A Swedish company contacted Entrack, supplier of wear parts, buckets and straps for heavy machinery.

They wanted a solution which ensured that serviceable wear plates and other wear parts of the steel bucket on their massive CAT wheel loader was changed on time.

Besides this preventive maintenance, they wanted to know when the investment of new and more expensive parts was due in order to avoid any loss of working hours through breakdowns or waiting for replacements.

Our partners, Euro Spårning, provided them with a Trusted tracker to mount on the back of the bucket.



Durable devices

## The durable and reliable tracking solution that just works

Trusted's trackers are not afraid of dirt, shocks or the forces of nature. This has been proven on icebergs in the Atlantic, wildlife in Africa and now also in a gravel pit in rocky Sweden.

And just as advertised, the sensors in the tracker now provides the company with data on the actual utilization hours and the amount of shock the bucket sustains.

This enables them to calculate when serviceable wear parts should be changed, which prolongs the lifespan of the massive steel bucket on the wheel loader.

An alarm in the software suite will also notify the user when the preventive maintenance and ultimately replacement is due based on the data from the asset.



## A profitable investment

Tracking non-powered equipment individually from the machinery it is attached to is a whole new way of performing preventive maintenance to your business assets.

And the combination of thinking outside the box and a first-class tracking solution has turned out to be a profitable combination for our customer.

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The company is now able to differentiate between the use of their equipment and their machine, so it is no problem that a wheel loader would use different buckets at different times.

With the attached tracker, the company now knows when service is due to the serviceable wear plates of each bucket. By installing trackers on each machine, they would similarly know when maintenance is needed to the machine itself.

It is an investment with a cost-saving potential both economically and environmentally for construction corporations and rental companies as it extends the maximum life of your machines and equipment.



## Benefits of tracking and data logging

- Utilization overview of asset performance
- Optimize productivity through preventive maintenance
- Theft security through geo site alarms and GPS recovery
- Know exactly where machinery and equipment are located
- Easily check availability of assets and equipment
- Improved efficiency reduces spend and leasing costs
- Optimize delivery time
- Improve customer satisfaction

For more case stories or customised solutions for your tracking needs, please give me a call today or book a meeting.

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