



SMARTER ASSET MANAGEMENT



MANAGE ALL YOUR ASSETS EFFICIENTLY - REGARDLESS OF ASSET BRAND, SIZE, NUMBER AND LOCATION.

A connected fleet consists of more than just heavy equipment. Today the number and variety of assets are constantly increasing in all sorts of industrial applications. To harness this opportunity Blackhawk SaaS leverages industry best connectivity devices and communications network technologies. Blackhawk provides you with one view of your world, with a unique stand alone SaaS

solution which covers all brands, sizes, and types of machines and assets, be it an excavator or a fuel trailer. Blackhawk provides the platform to gather and manage all your information, providing exception notification only when needed. Blackhawk SaaS is designed to make business easier and more efficient, and with Blackhawk's workflow engine, exception

based notifications are all you'll need. Once configured, actions and notifications will happen automatically in the background, freeing you up to manage the important things that grow your business while Blackhawk automates the little things for you.

PRE START CHECKLISTS

Blackhawk is your everyday assistant that will simplify your workflow and keep your operators safe.

Create digital checklists for any type of machine or equipment in your fleet. These checklists will not only minimise paperwork but flow back to your maintenance team automatically if there is anything that is not checked as OK.

Ensure that when service technicians head to site they know what needs to be done and have the correct tools and parts, be this in house or contracted service technicians.

ACCESS CONTROL

For larger machines controlled access is a must. You need a specific license to operate the machine but who checks to see if the operator has the correct license? As a business you open yourself up to risk if a non authorised operator has an accident on your machine, be it one of your staff or worse someone not on your payroll. Quite simply the machine will not start if you are not authorised to operate it, end of story.

LOCATION & UTILISATION

Blackhawk fits all your needs in one seamless experience.

See all your assets, find them quickly wherever they are, get automated alerts and remotely deactivate them if they leave designated locations.

With Blackhawk you can access machine information, from operational hours, machine VIMS information, operator behavior such as harsh braking, exceeding maximum slope limits, proof of service delivery based on machine activation and location, and engine operating hours versus actual working hours.

BLACKHAWK TECHNOLOGY

Blackhawk is an industry leading SaaS technology company. For more than 10 years Blackhawk has provided mobile-asset management services to thousands of connected assets in a wide range of industry sectors including transport, aviation, logistics, forestry, agriculture, construction, finance, and leasing. As a forward-thinking business partner Blackhawk continuously develops new services with a focus on enhancing their customers' productivity and reducing staff risk.

BLACKHAWK SaaS

Blackhawk is a unique and flexible SaaS engine connected to a range of hardware devices that allow asset connection to the cloud. Once the asset is connected the world of information opens up. Blackhawk hardware connects via cellular, satellite or the new low frequency long range radio networks that is powered by the machine or an internal battery that lasts years. Blackhawk puts information in the hands of those that need it. With the power of Blackhawk Work Flow, alerts and information is sent automatically and only when needed. No more trolling through reports, with Blackhawk SaaS you take back control.



TIME ON SITE



DISTANCE DRIVEN



LOCATION



ASSET UTILISATION



DRIVER BEHAVIOUR



ALARMS



CONTROLLED ACCESS



SERVICE &
MAINTAINENCE



HOURLY BILLING



DRIVER ID



PRE-START



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PRE-START

OFF-ROAD HEAVY FLEET

Blackhawk remote machinery management has been developed with one goal in mind – to solve the problems with health and safety around heavy machinery whilst increasing productivity.

Blackhawk delivers more than reports. It ensures OHS compliance in real-time, puts responsibility in the hands of your staff and brings safety front of mind.

Making driver and machine utilisation visible encourages open OHS and performance conversations. Our controlled

access, pre-start inspections and real time emergency alerts ensure that your drivers are authorised, the machine is compliant and if the unexpected happens, your staff will quickly receive the help they need. Blackhawk also allows you to compare personnel time sheets with actual operating

hours of the machine. No more calls from customers complaining that staff clocked on half an hour before the machine started.



CONTROLLED ACCESS.

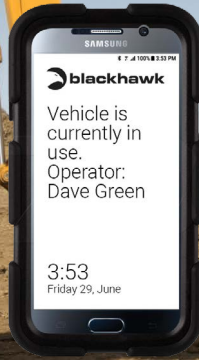
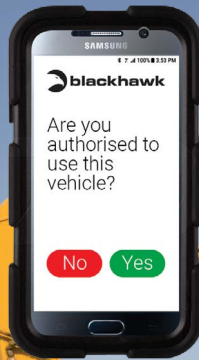
Keeping the right people on the right machines – know who is using what machine & when
Eliminate the risk of untrained operators, external contractors or truck drivers operating machinery when they haven't been authorised to do so. Blackhawk delivers compliance through PIN code access to machinery. No PIN no Access.



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HOURLY BILLING.

Earn a better return off your assets by billing clients by the hour. Blackhawk can confirm the asset was on site and how many hours the engine was running allowing contractors to create new revenue streams and a robust audit trail of work done at given times.



DYNAMIC PRE-START CHECKS.

Ensure machines are in serviceable condition before anyone operates them. Customisable, randomised questions enable you to set up pre-start compliance checks by machine class and by OEM brand. Failed pre-start questions can be used to send real time safety alerts to colleagues or managers, generate compliance or training reports and send service requests.





TIME ON SITE



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DRIVER ID



PRE-START

OFF-ROAD SMALL ASSETS

Monitoring off-road small assets is just as important as keeping tabs on your heavy machinery to improve asset utilisation, service scheduling and operator safety.

Blackhawk shows you where your assets are located and how often they are used so you can maximise utilisation and ensure things are in the right place at the right time. Wouldn't it be great to get an alert if assets haven't been used recently? Maybe they could be relocated for better utilisation or disposed of to free up capital. Imagine

the efficiency gains when you can be sure that small assets like a diesel fuel wagon are in the same location as large assets like a loader so a job can go ahead on schedule. Small assets often go missing at the end of a job because they were just forgotten. Blackhawk will log assets as they return to site and alert you if they don't.

Between 2018 and 2021 there were 133 work related deaths in the construction, agriculture, forestry, utilities, quarry, ports and warehousing industries. Over 50% of these involved off-road small assets like quad bikes, loaders and forklifts. Blackhawk alerts you in real time if things don't go to plan so your staff get home safe at night.



SERVICE & MAINTENANCE.

Prevent major damage and repair bills by running a pro-active service plan. Blackhawk sends "service due" alerts straight to your service team, either in-house or off-site contractors or OEM service centres. Generate alerts when service checks are overdue or when machine component replacements are due.





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PRE-START

ON-ROAD ASSETS

Simple, cloud-based vehicle management tools that save you time and money. Real-time information you can access 24/7 on all your devices.

Blackhawk includes vehicle and driver monitoring, accurate invoicing, vehicle compliance alerts (WOF, COF, RUC), automatic incident detection, improved security and global tracking. We make managing your vehicles a breeze. But that's not all, Blackhawk's access to quality, real-time and aggregated data helps

you to make better decisions ensuring your fleet is operating at the optimal level. It has an easy to use workflow and reporting suite, which not only removes a lot of manual processes, but also ensures that you receive timely reports, notifications and alerts, when it matters most. From alerting you if vehicles are used when they

shouldn't be, to giving you the confidence in knowing that staff are back home safe, to simply understanding whether your sales and service team are meeting customer call cycle targets – Blackhawk does it all.



LOCATION SERVICES.

Know the location of your fleet in real-time and receive alerts if your vehicles cross a virtual boundary that you define. This helps with route planning, staff safety, unauthorised use and theft recovery.



DRIVER BEHAVIOR.

Improve efficiency by keeping tabs on your mobile workforce. Know where they are, what time they started work, how long they spend at each location, how well they drive and whether they got home safely at night. Our driver behaviour benchmarking allows you to proactively deliver feedback and training to your at-risk drivers.



TIME ON SITE

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SERVICE & MAINTENANCE



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DRIVER ID



PRE-START

FORKLIFTS

“Forklifts are vital part of what makes business in New Zealand work. Sadly, they contribute to more workplace accidents than any other vehicle and some businesses lack basic information of how to run them, service them and to get the most appropriate driver training.” The NZ Forklift Association

Blackhawk delivers customisable performance alerts and productivity data to different roles in the business. For the H&S Manager we deliver incident alerts in real-time for immediate action, access control and dynamic pre-start check ensures real time-compliance. For the Warehouse or Operations Manager we help

lift productivity with highly visible asset utilisation and facilitate benchmarking of staff performance. For the Service manager we ensure machines are serviced regularly by running a pro-active service plan. We send “service due” alerts to your service team and warn you if checks are late.



CONTROLLED ACCESS.

PIN controlled access keeps the right operators on the right machines. You know who is using what machine and when. Real time alerts if the machine is stolen or used outside business hours.



ASSET UTILISATION.

Blackhawk provides you with visibility of your asset utilisation to facilitate the best use of capital and ensure the team aren't favouring one vehicle or machine over another. This information helps you make purchase decisions and allocate machines to areas where they are most needed.





NON VEHICLE POWERED ASSETS

Powered high value assets come with the same safety and compliance issues as mobile assets.

Take a recycled cardboard bailing facility or mobile generator. Wouldn't it be great to know that they are being operated by authorised personnel and that checks have been carried out prior to operation to ensure staff and the public are safe? Imagine never having to travel to a remote site again to check on engine hours to maintain

service intervals. Get automated alerts when the electrics or mechanics have failed then have the right person dispatched to complete the job – automatically. If your company leases out powered assets we can deliver usage based billing and financial statements including credit card billing.



SERVICE & MAINTENANCE.

Simply set up service intervals for each asset class in the easy-to-use Blackhawk workflow engine and you will never have to think about when those assets need servicing again. Contract your service agent to receive automatic service requests as part of your service contract.

PRE-START.

Ensure your asset is in a serviceable condition before it's started using our electronic pre-start checks. If the machine is faulty the right people will be alerted. It also provides you with an audit trail to demonstrate good OSH practice.



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PRE-START

NON POWERED ASSETS. AND THE INTERNET OF THINGS.

There's a technology revolution happening, networks are being implemented that allow businesses to track both powered and non-powered assets and it's called the Internet of Things or IoT. IoT is changing the way business is done by delivering information at a more affordable price than ever before via a battery powered unit that's

easy to install. You can monitor things like location of your assets, weather conditions, water management, water quality, security, access door, fuel tank levels, gas container levels... the list is endless. Blackhawk consolidates all your IoT and telematics information to give you a single view of all your assets. Letting you know what you

need to know when you need to know it. You'll get better asset utilisation and you will never need to ask where you left that asset again.



LOCATION SERVICES.

How many times have you asked "Where is the trailer, survey equipment, equipment attachment?" And how many hours have you and your team wasted looking for them? With Blackhawk's low cost IoT location service you will never have to ask that question again. Know where all your non-powered assets are and know if they move somewhere they shouldn't be.





ALARMS.

Receive automatic notification if your asset is stolen, if it needs servicing or if there is a fault. You decide who needs to know and how often they need an update.



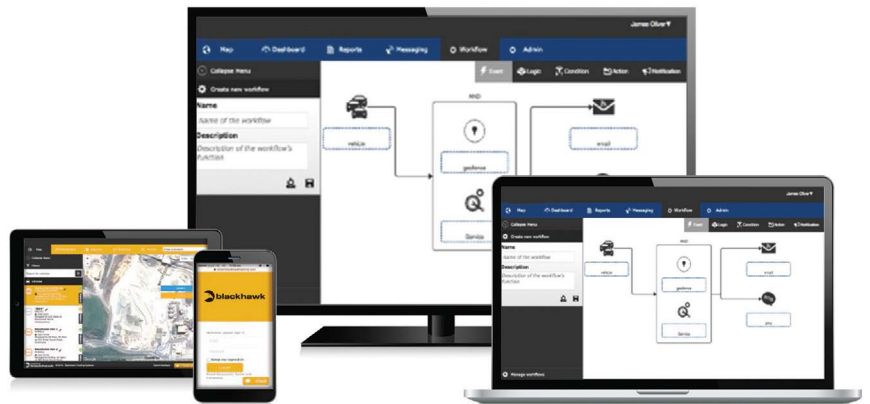
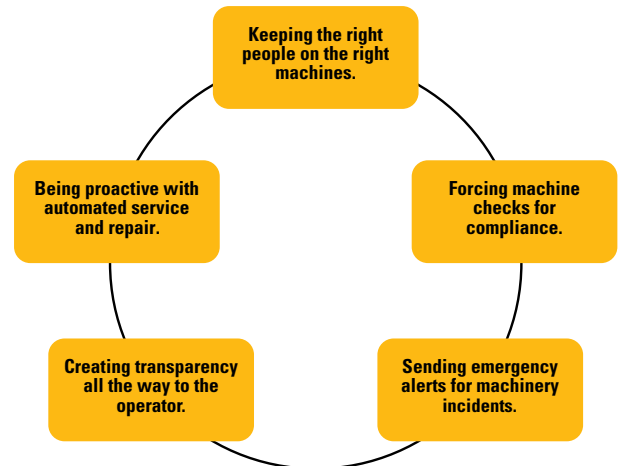
UTILISATION.

Know when an asset has been used and where it has gone to or know when a gas cylinder needs refilling. Receive alerts if machines haven't been used by an expected time or over a period of time. It may surprise you to know how many assets are poorly utilised, potentially allowing you to free up capital. If you need to know an asset's utilisation then there's almost certainly an IoT device to fit the bill.



KNOW WHAT YOU WANT TO KNOW WHEN YOU NEED TO KNOW.

With Blackhawk as the cornerstone of your company asset management you can grow and build your business on a non-proprietary solution that will keep pace with ever changing technologies. Remove the unnecessary noise and inefficiency from daily operations with smart workflow and escalation alerts - notifying you only when you need to take action.



Take your first step towards smarter asset management and improved profitability by giving us a call today.

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POWERED BY

