EQUIPRISE

MANAGE THE HEAVY IN THE WAY OF LIGHT

Heavy Machinery IoT Solutions

INCREASE YOUR PROFITABILITY WITH HIGH QUALITY DATA

High Fatality Rate

Serious injuries and / or life loss can be caused by:

- Unexpected safety incidents
- Delays in taking corrective actions to mitigate operation risk due to lack of real time visibility of onsite operations

Significant Financial Losses

An incident can cause:

- Government fines
- Payout to impacted parties
- Insurance premium increases
- Loss of operating income during site shutdown and machinery repair

Impact of Overall Project Health

Incidents and manual processes cause:

- Delays in project schedule
- Project budget overrun
- Incorrect subcontractor payments due to the lack of accurate machine utilisation data

An inter-connected heavy-machinery ecosystem gathers high-quality performance data to make vital business decisions.

- Enhance operational safety
- Optimise resource utilisation
- Save manpower & operational cost
- Increase productivity & efficiency
- Enable data-driven business decisions

PROTECT YOUR MOST VALUABLE ASSETS – YOUR PEOPLE

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HELP WITH END TO END IOT SOLUTIONS

REAL-TIME MONITORING

- ✓ Preventative alarm notification
- ✓ Access to real-time operation data from anywhere, anytime
- ✓ Dashboards for detailed and high-level monitoring

TAILORED ANALYTICS ALGORITHM

- ✓ Evaluation of machine performance
- ✓ Data comparison and trend analysis to drive business insights
- ✓ Automated reports to reduce manual efforts

AUTOMATED DATA COLLECTION

- ✓ Automated real-time data collection
- ✓ Accurate and accountable

REMOTE CONTROL

- ✓ Remote operation to eliminate fatality
- ✓ Semi-autonomous operation to increase productivity and efficiency

INTEGRATION DRIVES DIGITISATION

- ✓ Drive business process digitisation
- ✓ Digitised maintenance management processes– minimise machine downtime

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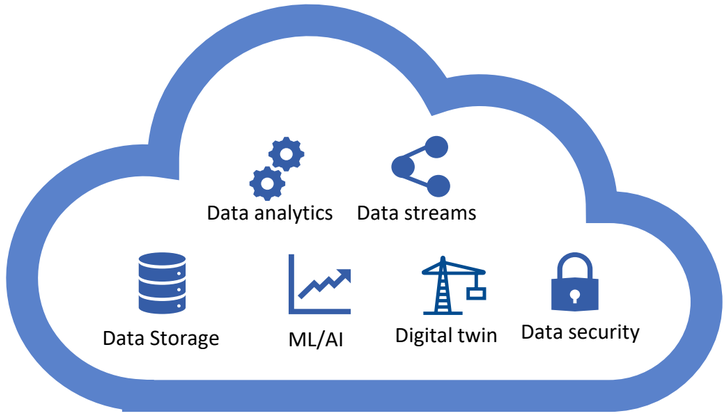
END TO END SOLUTIONS TO OPTIMISE YOUR BUSINESS PERFORMANCE

- **Operational safety and compliance**
- **Equipment monitoring and control**
- **Data visualisation and analysis**
- **Field – Office communication and collaboration**



Cloud based IoT Platform

Machine Monitoring & Control Devices

Analytics and notification

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SEE OUR PRODUCTS IN ACTION

Product demonstration:

- Tower Crane: https://youtu.be/c3Y7IvjpAqk
- Mobile Crane: https://youtu.be/EYJ3NhwJBoU
- Excavator: https://youtu.be/-b26f36p1cs

Camera view above the hook: https://youtu.be/RYUDNYjrCV8

Camera view when there is an obstacle: https://youtu.be/D69HpFYD9l0

BOLAND CRANES

中国交建 CHINA COMMUNICTIONS CONSTRUCTION

ZS 中昇建机

TRUSTED BY CUSTOMERS AROUND THE GLOBAL

"Since the installation of the Supplier's tower crane safety monitoring and management IoT solution, there were no accidents occurred that involved cranes, the result is satisfactory"

– Engineering Department of CCCC Fourth Harbour Engineering Co., Ltd

REQUEST A DEMO TODAY

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www.equiprise.com

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