Heavy equipment operators have a direct impact on the profitability and safety of mining operations. From tyre wear and fuel usage, through to ore loaded and hauled to safety incidents. As a team, your mine workforce has the ability to substantially reduce costs, increase tonnage and improve safety. Now there's finally a way to measure and ensure that your mine benefits from this impact to your bottom line.

CYBERMINE WX (pronounced WeX) closes the loop between heavy equipment operator performance in the field and the tailored training interventions, required to improve that performance, in the classroom. WX’s AI engine continuously analyses large amounts of real-world performance data from the field for each operator. Based on scientific AI engine results, WX schedules the tailored training interventions necessary to ensure that bad habits and safety lapses are eliminated in order to improve each operator’s performance. When back in the pit or underground, the operators’ performance metrics are again measured to gauge the improvements obtained and to schedule more or varying training interventions, as required. WX is continuously at work, 24 hours per day 7 days per week, performing this process for every operator in your heavy equipment workforce. In a short space of time WX will ensure that your heavy equipment team achieves and then maintains optimal performance levels as measured by the key performance indicators of costs, productivity and safety.

But WX is much bigger than this. It is also the Business Intelligence platform for managing and achieving all operator training and certification requirements. And it can do this at a single mine site or at group level across multiple sites. WX integrates seamlessly with the entire CYBERMINE product range, creating a new state-of-the-art portal for defining Certificates, setting up the Courses required to achieve certification and the Activities which are part of each Course. Training can range from classroom tuition through E-learning and Operator Familiarisation Training to Full Mission Simulation and even ‘side-saddle’ training. WX then facilitates the scheduling of operators and training resources to ensure that all operators perform the courses required to achieve and maintain the correct level of certification for operating on your mine site. Your entire heavy equipment workforce will be registered on WX, which tracks and stores all of their progress and corresponding results across all training resources and records the Certificates achieved. All of this training data is stored locally and in the cloud so it’s accessible at all levels in your organisation.

The WX platform’s rich reporting engine provides multiple, customisable reporting options. Real-world performance data for an individual operator, complete shift or the entire workforce can be graphed and benchmarked against pre-set standards, peers, other shifts or even other sites. In addition, projected certificate decay for an individual operator or the entire workforce on one or multiple mine sites can be graphically portrayed against required mine or group standards. And because WX data is stored in the cloud, this functionality is available to anyone with access permission on any Internet-enabled device. Operators can compare their last shift performance against previous shifts or against their peer groups on their mobile phone. The Training Manager can monitor the use of all his training resources on a real-time dashboard displayed on his PC screen or review all courses scheduled for next week. The Operations Manager can compare an entire shift’s workforce performance data against prior shifts on his desktop computer. Or the Group HR manager can check and compare certification levels of the workforces across all mine sites in his territory from his tablet.

"WeX means we can continuously monitor and improve the performance of all our machine operators. This is the Holy Grail... the piece of the optimisation puzzle that has been missing for so long."

"WeX is all about the power of technology and the potential of people."
WX monitors certificate expiration at an operator, machine class, site or even organisation level.

MONITOR CERTIFICATE STATUS
WX monitors certificate expiration at an operator, machine class, site or even organisation level.

Performance can be monitored and analysed, in accordance with the mine’s KPIs, at an operator, shift, site or even organisation level.

MONITOR SHIFT PERFORMANCE
Performance can be monitored and analysed, in accordance with the mine’s KPIs, at an operator, shift, site or even organisation level.

Performance can be monitored and analysed, in accordance with the mine’s KPIs, at an operator, shift, site or even organisation level.

MONITOR PROGRESS
Create reports specific to your mine or view a dashboard showing real-time performance data at operator, shift, site or organisation level.

MONITOR PROGRESS
Create reports specific to your mine or view a dashboard showing real-time performance data at operator, shift, site or organisation level.

Performance can be monitored and analysed, in accordance with the mine’s KPIs, at an operator, shift, site or even organisation level.

MONITOR CERTIFICATE STATUS
WX monitors certificate expiration at an operator, machine class, site or even organisation level.

Operators can take ownership of their individual performance measured against their last shift or their peer group - displayed on their mobile device at any time of the day.

PRIDE IN PERFORMANCE
Operators can take ownership of their individual performance measured against their last shift or their peer group - displayed on their mobile device at any time of the day.

PRIDE IN PERFORMANCE
Operators can take ownership of their individual performance measured against their last shift or their peer group - displayed on their mobile device at any time of the day.

Training Managers can set up and edit courses required for certification.

COURSE AND CERTIFICATION
Training Managers can set up and edit courses required for certification.

E-learning, Operator Familiarisation Training and Full Mission Simulation are seamlessly integrated as training resources, as are classroom and practical training.

INTEGRATED CYBERMINE PRODUCTS
E-learning, Operator Familiarisation Training and Full Mission Simulation are seamlessly integrated as training resources, as are classroom and practical training.

Your entire heavy equipment workforce will be registered on WX, which tracks and stores all of their progress and corresponding results across all training resources and records the Certificates achieved.

MONITOR PROGRESS
Your entire heavy equipment workforce will be registered on WX, which tracks and stores all of their progress and corresponding results across all training resources and records the Certificates achieved.