

Process automation, real-time access and analytics of your machine data, your way

M Jones,

VP Consultative Services, 3D-P, Melbourne Victoria 3095. Email: maljones@3d-p.com

ABSTRACT

While the tier one mining houses move rapidly towards automation of mobile operations, generally powered by their single OEM of choice, there is much to be done for the contract miners and second tier operators in addressing the void between paper based operations for production and maintenance and that of the fully connected and autonomous operation where availability of information becomes actionable in real time.

The challenges for the contract miner are often exacerbated through the fact that they often operate a diverse range of fleet and often face the challenges of interoperability and connectivity to exchange information between their own fleet to interact with the customers fleet systems and access to networks in order to transport the vital data required to achieve the efficiencies and availability of equipment required to attain contract targets and at the same time remain profitable in the delivery of the contract.

A similar challenge also exists in the tier two miner space where many still utilise manual paper based processes to acquire the production and asset health information. Information is often days behind and inaccurate, leaving the operator with little chance to implement any significant business improvement, yet there is often the perception that implementing any solution to automate current processes and bring information to near real time where real improvement changes can be made in short order cannot be justified from an ROI perspective

My presentation will touch on these two topics of interoperability and automation of processes to deliver high value business improvement and how they can be achieved easily and cost effectively for the market segment that needs it most