



Virtual Forum Series:  
**Asset Management - December 8**

During the Asset Management Virtual Forum, workshop discussions focused on the current issues affecting mobile mining equipment and performance, as well as some potential solutions. The outcomes from the brainstorming session will contribute to defining future collaboration priorities for the GMG Asset Management working group.

	<b>What issues affect mobile mining equipment and performance?</b>
<b>Workforce</b>	<ul style="list-style-type: none"> <li>- There can be a siloed, “us vs them” culture between operations and maintenance departments.</li> <li>- Lack of training in new technologies can result in poor workflow and outdated organizational charts.</li> <li>- Short-term thinking can prevent mining personnel from working with other solution providers.</li> </ul>
<b>Equipment Maintenance</b>	<ul style="list-style-type: none"> <li>- Predictive maintenance strategies can be incomplete or misapplied, which can result in misuse of the equipment (ex. using machines outside their operating mode range).</li> <li>- Lack of an asset management framework, including differing maintenance strategies across the industry, contributes to equipment breakdown.</li> <li>- Road design and quality can impact equipment reliability.</li> </ul>
<b>Data &amp; Communication</b>	<ul style="list-style-type: none"> <li>- Mines lack tools that analyse data, especially in terms of health and performance data.</li> <li>- OEMs keep their communication standards to themselves.</li> <li>- Mines are missing fully integrated work order management systems.</li> </ul>
<b>Budgets</b>	<ul style="list-style-type: none"> <li>- Fear of production loss results from too much operational pressure and a lack of interest in preventive maintenance.</li> <li>- There is a poor understanding of CBM and its relationship to budgeting and inventory management.</li> <li>- Mines fail to allocate resources properly, causing maintenance to be seen as a cost rather than an opportunity.</li> </ul>
<b>Solutions</b>	<ul style="list-style-type: none"> <li>- Foster equipment standards and capability guidelines.</li> <li>- Investigate ways to ensure that sharing data between OEMs and operators becomes a regulatory requirement.</li> <li>- Focus on agnostic processes to support new technologies.</li> <li>- Develop communications reliability, especially in remote locations.</li> </ul>