

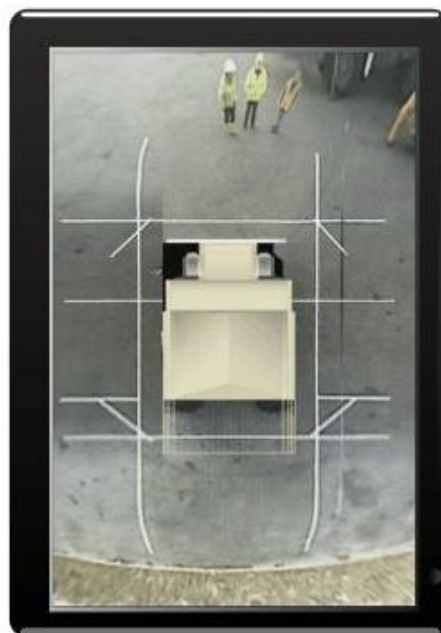
◀ **BEST PRACTICE** **INFORMATION** ▶



People Versus Plant – Improving Drivers Visibility

BBMV, at C510, have displayed a proactive approach to safety innovation by installing a 360° surround view system on to vehicles. This system uses multiple ultra-wide angle cameras, mounted in strategic locations around the vehicle, to synthesise a quadraspheric bird's eye image of the vehicle. It then displays a composite real time view (30 frames per second) on the operator's screen, which looks just as if it's been taken from above the vehicle. By appearing as a single camera view, with no jump between viewed frames, means that the excavator operators can see any person or plant movements around them on a single screen, as a single image. This helps reduce the risks associated with people and plant on site.

For more information on the system please visit
<http://www.spillard.com/solutions/vision/optronics/optronics360.html>



The image above shows the view on the internal screen, which is about the size of an iPad