

# Maptek Technology For Major Canadian Coal Exporter



Six months after purchasing seven I-Site long-range laser scanners from the Australian manufacturer Maptek, surveyors from Teck's coal business unit are beginning to reap the benefits of the latest survey technology. Canada-based Teck is the second largest exporter of high-quality steel-making coal in the world.

Coal production accounts for 57% of Teck's business followed by copper and zinc. The company purchased a Maptek I-Site 8800 scanner for each of its coal operations and projects throughout Alberta and British Columbia, Canada.

[I-Site 8800](#) laser scanners collect point cloud data at up to 2,000 metres, and can capture 3D digital images safely at the same time as scanning. Setup and capture are fast and

easy because the high-resolution digital camera is built in. [I-Site Studio](#) modelling software is integrated with the hardware, streamlining tasks such as mapping faces and updating surfaces.

The I-Site laser scanners were rolled out at several Teck sites in January and February 2012, with improvements already noted. Surveyors can now capture up to 2 million points for an area that may have been previously surveyed with 10 GPS points. The 'payback' is on the time spent and the accurate data the system provides.