

Wireless remote silo monitoring capabilities

UK-based Dedicated VMI Systems, a specialist supplier of remote silo monitoring equipment and its sister company Minsterport, which supplies powder and process systems, have together been working closely with fine mineral powder processor Francis Flower, to develop a wireless remote silo monitoring system to view and access real time silo stock levels at its Runcorn site in Cheshire.

Francis Flower has in total 17 silos at the Runcorn site that hold various different powder products. Vessel capacities are within the range 160-650t. The silos and their contents are monitored by a Kistler Morse bolt-on retrofit system and in general give accuracies of between +/- 2 – 4% FSD. The 17 silos were previously, remotely monitored by four Dedicated VMI Data Engines that gave individual users real time levels/weight of the silos. After a successful trial involving two remote silos, it was decided to upgrade the system and connect another 10 silos in three remote locations and later the remaining five silos which

are used to store international product were added.

Francis Flower now has the ability to view all the silos at its Runcorn site on a single web page. They can see trends with a click of a mouse, remotely calibrate and check the system from any location throughout the globe and at the same time make significant savings throughout their operation. www.dedicatedvmi.co.uk



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