

Seamlessly bridge from legacy analog grain cables to digital technology economically with The Grain Ranger™ from CMC!

February 2017, Minneapolis, MN – CMC Industrial Electronics introduces The Grain Ranger – an advanced solution for grain storage management.

The Grain Ranger system can communicate with any commercially available grain temperature cable, analog or digital, enabling a seamless migration from legacy analog grain cable systems to a modern, robust digital grain cable system. The Grain Ranger operates on CMC's field proven single-wire, Intrinsically Safe network and there are no punitive software contracts or maintenance fees involved.

The brain in the Grain Ranger system is the WS2-GM, an advanced controller capable of reading 1024 cables in up to 256 bins. Data from the WS2-GM is browser accessible with no additional software required for viewing and is locally hosted on your own network for a more secure solution. Implementation and configuration is straightforward and affords significant cost savings with no need for PLC/HMI programming. The WS2-GM communicates with any PC, tablet or cell phone, providing real time critical data at your fingertips to remove the guesswork. The WS2-GM is DIN rail mounted for ease of installation.

Industrial-duty cable and components...CMC's new GRDC1 digital grain cable has a stainless steel hanger and tip, and the digital cable is housed in a tough protective jacket with steel core for added durability. Accurate to within +/- 2°F, the cable can be programmed either onsite or at the factory for ease of installation. In the field, CMC's digital cables plug into the mDC001 module – up to 8 cables per box each cable on a separate channel. This reduces installation cost and troubleshooting hassles by reducing the time involved and removing the rat's nest of numerous wire terminations found in legacy systems. Analog cables integrate into the Grain Ranger network through the existing mTC002 backplane.

CMC Industrial Electronics was established in 1997, and manufactures industry-leading HazMon systems for the grain, feed, and milling industries. Our monitoring products include: shaft speed, bearing temperature, belt alignment, plugged chute, slack chain, and vibration sensors integrated with easy-to-use touch screen interface controllers. It is the mission of CMC Industrial Electronics to protect human life and property.

For more information on The Grain Ranger and other CMC products call 888-421-4425, email sales@cmciel.com or visit our website at www.cmciel.com.