



transmitter

Welcome to the first special edition of the Cervis Transmitter, featuring one of the nation's largest steel mills. The Transmitter brings you the latest developments from Cervis, wireless control solution success stories, as well as other news.

This edition of the Transmitter is dedicated to steel and overhead crane controls. Cervis is proud to work with the most demanding customers and in the toughest environments.

We hope you enjoy this edition of the Transmitter. If you have any questions about the information found within or any other wireless or electronic controls questions, please don't hesitate to contact us at 724-741-9000. More information, including data sheets and manuals, can be found on our newly redesigned website – www.cervis.net.

We look forward to serving your wireless and electronic controls needs, and to continue to provide you with updated information on our successes and new developments.

Sincerely,

Ron Snyder
President
Cervis, Inc



Large Steel Mill Recycles Old Control for Cervis Overhead Crane Wireless Control

Cervis is no stranger to the steel mill environments; the company prides itself on working in some of the toughest environments and with the most demanding customers in the world. So when Cervis was approached by a large steel mill that was looking to replace an older control, the company knew it was up to the challenge.

The mill's current wireless controls for overhead cranes were becoming obsolete, and the company challenged Cervis to prove that they could do the job. Cervis gave the mill a TM60 series transmitter and receiver to test as a 30 day trial. Cervis was convinced that if it was put to the test that the system would exceed expectations for ruggedness, safety and reliability.

Within the 30 day period, the company contacted Cervis. They were ready to begin replacing their old system with the TM60 series. "Cervis was straightforward and honest in presenting the remote controls," said the EF Electrical and Mobile Maintenance Supervisor. "Cervis pays good attention to the customer's needs."

Installation of the Cervis wireless control systems went smooth as well. "There were only a few issues with installation and Cervis was quick to resolve them," said the Mobile Maintenance Day Mechanic at the mill.

Safety First

Safety is a TOP priority for every employee. Safety is the first thing discussed at meetings throughout the company. The TM60 controls meet the highest level of control directives for safety in the world (EU directives 99/5 and 98/3). The TM60 features a dual redundant safety circuit for the highest degree of safety. "I've run the controls on nearly all the cranes, and feel they meet our safety needs," said the Mobile Maintenance Day Mechanic.

No Downtime Tolerated

The company empowers every employee with an incentive to improve processes and increase production. Managers at all levels encourage their employees to try out their new ideas, giving the company one of the most creative, get-it-done work forces in the world. Wireless controls are no exception. "If the crane goes down, production suffers," explained Ron Snyder, President of Cervis. "And paychecks suffer." With this incentive, the mill was determined to find the most reliable wireless control.

The TM60 is no stranger to steel mills. Over 100,000 systems have been installed worldwide. Cervis was confident that the TM60 would meet the mill's reliability requirements as well. "We have several process critical cranes that run 24 hours a day, 7 days a week," said the EF Electrical and Mobile Maintenance Supervisor. The company looks for durability, ruggedness, and ease of maintenance in their remote controls.

“Cost was also important in selecting the new supplier,” said the EF Electrical and Mobile Maintenance Supervisor. “Cervis met these cost needs as well.” Cervis offers a variety of wireless solutions to meet the needs of diverse customers. “Overall, I am real pleased with the controls,” added the Mobile Maintenance Day Mechanic.

The mill has since converted all of the 30 plus overhead cranes to the Cervis wireless control system. The company also shares best practices across the organization of facilities. The success of the Cervis TM60 wireless control was no exception and additional mills across the country are converting their overhead cranes to the system.

About Cervis

Cervis provides customers with safe, reliable industrial grade machine control systems in the industrial and mobile equipment markets. Specializing in wireless and embedded logic controllers, Cervis has the unique ability to provide dynamic machine control solutions to the most demanding customers. Cervis designs and manufactures wireless and custom electronic controls and is the North American Partner for TTControl, TTTech Off-Highway and the US partner for Ikusi of San Sebastian, Spain. These strategic alliances allow us to provide additional high quality control solutions to a wide variety of markets and customers. We look forward to working with you!

Further information on Cervis Incorporated is available at www.cervisinc.com or at 724-741-9000.

Industrial Wireless Remote Control Innovations

Removable EEPROM modules

The removable EEPROM feature of our controls sets up apart from other controls. This allows you to have one transmitter to spare an unlimited number of like systems simply by transferring the EEPROM from one transmitter to another like transmitter. This virtually eliminates down time and the need for multiple spare transmitters.

Both the transmitter and receiver have duplicate copies of the EEPROM so in the case when a transmitter is lost or the transmitters EEPROM is destroyed the spare transmitter can copy the receivers EEPROM.

Crane Controls—Range Limiter

Cervis TM60 remote crane controls can be equipped with a range limitation option. This option will prohibit the system from being operated outside a working area defined by the LA60 Infrared transmitter. The system must have a LINE-OF-SIGHT between the operator and the LA60.

If the operator becomes temporarily shielded from the Range Limiter device(s), the system is engineered to be flexible in order to continue operation and facilitate the operators movements for a factory set period of 4 seconds. This time can be adjusted up or down at the factory, depending on customer specification. The overall design of the system is to ensure the operator is within a safe working distance from the crane while simultaneously permitting normal work related movements of the operator.

Success Stories



“I was fed up with the high prices of previous manufacturer and the boxes were getting beat up, then I found Cervis. No more cut out problems anymore.”

—**Seattle Steel Mill**



“ I liked the design, particularly the fact you can change components out yourself real easily without having to go back to the factory”

—**Alabama Steel Mill**



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