

## C500 Series Gets an Array of Updates

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The C500 Series of Indicators has seen a few updates over the past few weeks.

Among the updates is a new firmware version, which includes support for EtherNet/IP, enabling the series of indicators to have Internet and enterprise network connectivity. To reflect the changes to the firmware, the C500 Series' reference manual and the C500 viewer have also been updated.

The most significant news related to the C500 series is being given the NTEP certificate (No. 18-081) by the National Conference of Weights and Measures (NCWM) (USA). This makes the C500 series legal for trade in the United States.

For more information about the C500 Series, visit the [C500 Series Indicators](#) section on the Rinstrum website.



## C500 Indicators includes implementation of EtherNet/IP

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The Engineering team at Rinstrum, in partnership with industry experts, have developed a native implementation of EtherNet/IP. Unlike most indicator manufacturers, who have adopted Modbus conversion technology, the Rinstrum implementation is designed to integrate seamlessly with Allen Bradley development systems without any register numbers or bit masks. Feedback received from the field trial partners indicate that Rinstrum's implementation is best-in-market and are comparable to devices directly developed by Allen Bradley themselves.

The C500 range of indicators are the first to carry this implementation of EtherNet/IP. ODVA have issued the Rinstrum C500 EtherNet/IP implementation this month with a Declaration of Conformity Reference 11792.01.

A short [training video](#) on the configuration steps has been published on Rinstrum's YouTube channel that shows how seamless the integration is.

# EtherNet/IP®



## [www.rinstrum.com](http://www.rinstrum.com) Relaunch

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Rinstrum's main website ([www.rinstrum.com](http://www.rinstrum.com)) was relaunched last month.

The new website has been created to be more user friendly, with the content from the previous website available in a modern mobile-friendly responsive template.

Rinstrum thanks everyone for their patience while we sorted the site out. We are still in the process of finalising the product pages and should have all images and downloads finalised shortly.



## Onboard Weighing Application using R320 mimic functionality

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A new application has been developed to facilitate onboard weighing. This application takes inputs from up to four T620 weight transmitters connected in a ring network with an R320 indicator running the A327 mimic firmware. Onboard Loadcells such as the H10 range or B8 and H8 standard shearbeams are connected to the T620's via the IP rated MC5 and the digital ring via the MC8 M12 cabling solutions.

Each encapsulated T620 weight transmitter is typically installed where a group of loadcells are located and the R320 installed near the operator. The A327 firmware can display the weights of individual T620s using the mimic mode as well as the aggregate weight using summing mode. R320 keys are functional and replicate the function on the T620s.

The application also allows the use of an IP69K T105 modified XD30 remote display, installed using the digital MC8 ring network. This is ideal for replicating the weigh information of the R320 in a remote position away from the normal operator location. The XD30 is installed on the last T620 by removing the loop back connector.



R320 A327



T620



XD30

## New Colour Brochures Available

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A set of full-colour brochures are now available for distribution for the following products:

- [R323](#)
- [R320 Full Housing](#)
- [R420 Full Housing](#)
- [R423 Full Housing](#)
- [C500](#)

If you are interested in obtaining printed copies of these brochures, please contact the Rinstrum office in your region.



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