

CT-NEWS

BSFZ seal for CT-DECT Case

Award-winning: full-duplex communication for up to twelve users



Research & Development

Research and development work honoured once again

June 2023: The Certification Centre for Research Grants (Bescheinigungsstelle Forschungszulage, BSFZ) awards coveted seal for the CT-DECT Case

CeoTronics AG received the BSFZ seal in June 2023 for the in-house development of the full-duplex-capable DECT-based stand-alone radio system.

The award therefore goes to what is probably the most flexible self-sufficient digital radio system for working in the most adverse environmental conditions, allowing up to 12 participants to communicate simultaneously.

The mobile, extremely robust and weatherproof housing has two CT-ComLink® ports for connecting to headsets and wired InterCom equipment or radios. Alternatively, the system can also be linked to a mobile phone and worldwide connections can be realised.

It can be operated using the impact- and scratch-resistant display. This means that a digital communication network for locally operat-

ing deployment groups can be established within seconds – even in the toughest conditions – without the need for a 5G/LTE or TETRA network.

The wireless intercom system tested according to extremely stringent standards is operated using two Varta high-performance rechargeable batteries and therefore ensures almost latency-free, wireless full-duplex communication. The CT-DECT Case can be optimally adapted to diverse operational scenarios using different software profiles.

The seal is awarded exclusively by the Certification Centre for Research Grants (Bescheinigungsstelle Forschungszulage, BSFZ) and once again demonstrates the innovative strength of CeoTronics AG through its intensive research and development work in the field of communication under difficult environmental conditions.



The CT-DECT Case in conjunction with the CT-DECT Multis enables deployment at different locations in the toughest surrounding conditions. The CT-DECT communication system is installed in a mobile, extremely sturdy and weather-proof housing.

You only need to press a button!

Operation is easy because all important control elements like ON/OFF switches (with LED display), battery status display, teach-in button and accessory socket are mounted on the outside. This makes it possible to establish a digital communication network for larger deployment groups in a matter of seconds – even in the toughest conditions.

The CT-DECT Case, which is tested to military standards, is powered by two Varta high-performance rechargeable batteries, ensuring delay-free, full-duplex wireless communication. The digital software options for secure voice transmission include features such as CT-DNR (Digital Noise Reduction) for digital noise cancellation.

System extension

If required, further communication systems can be integrated in the CT-DECT network via the existing audio interface.



New product

CT internal

CT-DECT Multi: connect headsets wirelessly from 2024

Many professional users now want wireless connections to existing Bluetooth headsets (some with a PPE certificate or helmet adapter). The upcoming 2nd generation of the CT-DECT Multi will fulfil this wish.

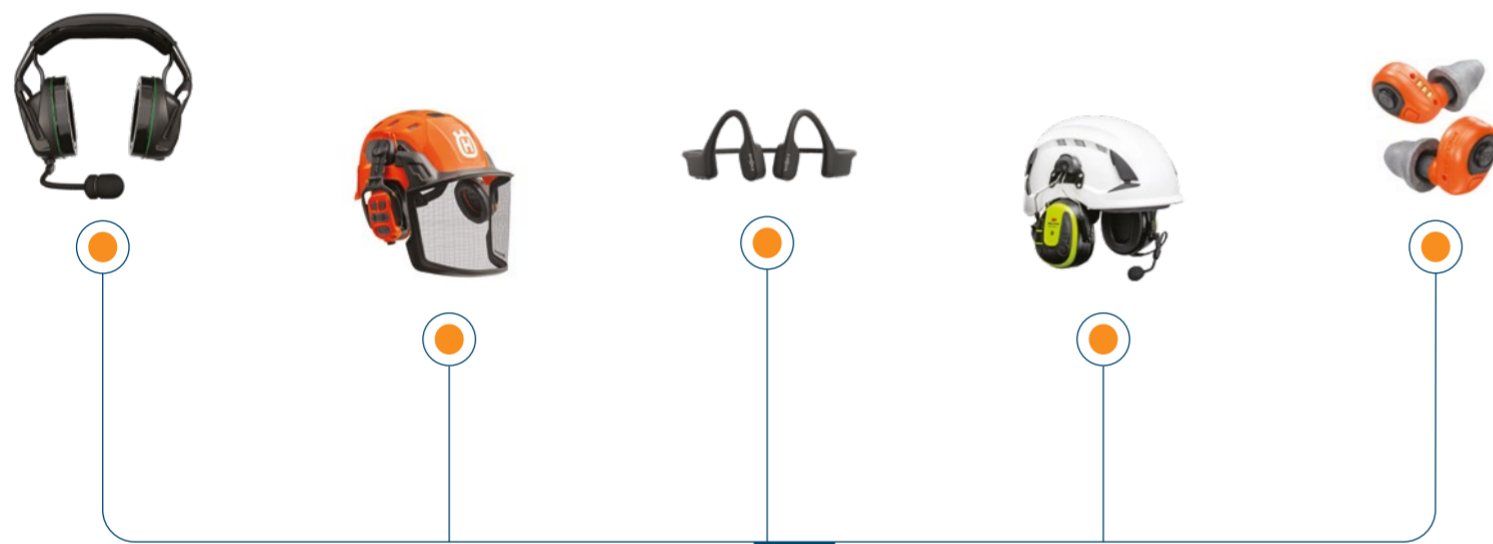
In the future, the portable full-duplex communication system will also be available in a Bluetooth version that enables wireless connections to headsets, making the full-duplex system even more flexible to use.

The CT-DECT technology is already employed by professional users in the police and military, fire brigades and in industry and offers

wireless digital full-duplex communication for mobile, locally active teams while allowing additional connections to a radio or mobile phone.

Firmly connected

For all those who want to continue working with wired equipment, the CT-ComLink® technology enables the use of different headsets on the CT-DECT Multi for a wide range of applications – including with a PPE hearing protection function.



Product images of 3M Peltor, Husqvarna, Shokz, Sordin



NEW
2nd generation
from 2024

Staff Update

Aysen Denizer joined the HR department as a payroll specialist on 17 July.

Julia Mayer joined the marketing team as a junior marketing manager on 1 August.

Laura Garzón Torres started her apprenticeship as an industrial administrator with us on 1 September.

After successfully completing his Bachelor of Arts degree in Business Administration & International Management, **Tristan Günther** joined the company on 1 October as a junior controller in the Finance/Controlling and HR departments. Alongside this, he is completing his Master's degree.

Two students have been supporting us in the Research and Development department since 1 October. **Philipp Pütz** is writing his Master's thesis with us, while **Adrian Kaßmann** is working as a student trainee.

Promotions for **Nadine Simon-Gerl**, **Philipp Adelmann** and **David Tampe**: Nadine has been working as Group Head of Internal Sales since 1 August. Philipp takes over the position of Head of Sales Germany. He and David (Commercial Director) have also been appointed authorised signatories and are now part of the extended management team.

Carsten Petersen has been Head of Key Account Management for the German Armed Forces and Defence Industry since 1 August. He is supported by Christof Ludwig as part of his team.

Also on 1 August, **Andreas Hitzel** took over the development of our international business as an authorised signatory and new Head of Sales & Business Development International Markets. In this role, he will drive our expansion in key markets in the European Union. He will be supported by the Area Sales Managers Vincent Vachette, Juan Prieto and Lars Amnebjerg as well as the expert support of the CeoTronics headquarters.

Stefan Felke will occupy a staff position in Quality Management in the future. In his new role, he will focus on maintaining and developing the quality management systems (in accordance with DIN EN ISO 9001 and ISO 14001), the ATEX Directive and the PPE Regulation, as well as coordinating and organising internal and external audits.

Horst Tron will act as Export Control Officer from 1 January 2024.

Congratulations

... for passing the final exams, **Simon Friedrich** (Master of Engineering, Electrical Engineering and Information Technology programme) and **Tristan Günther** (see above)!



Philipp Adelmann



Aysen Denizer



Stefan Felke



Simon Friedrich



Laura Garzón Torres



Tristan Günther



Andreas Hitzel



Julia Mayer



Carsten Petersen



Nadine Simon-Gerl



David Tampe



Horst Tron

Product highlights

CT-Smart PoE Mission Controller

The control centre for complex systems

The CT-Smart PoE Mission Controller from CT-Video GmbH allows you to effortlessly control and monitor mobile and autonomous battery systems, sensors, DC consumers and PoE devices in the industrial, agricultural and government sectors. Additional modules enable, for example, actuators and cameras to be controlled or video images to be transmitted.

The intuitive web interface can be accessed with a wired connection via an Ethernet interface or wirelessly from a distance via WLAN and mobile radio.

With the help of the integrated GPS sensor, the current position can be permanently detected, recorded and displayed on the map. In addition to manual control, users have the option of allowing the system to work fully automatically by defining rules and simple logical links. Users have a full overview of all important parameters

at all times via corresponding status messages or SMS messages. The implemented user account control enables a customised assignment of rights as a guarantee of simple and error-free operation.

To protect against theft and manipulation, an area can be marked on the map. An alarm is triggered in the event of unacceptable vibrations and/or leaving the predefined area.

The integrated power management allows the utilisation and almost loss-free interconnection of different batteries to supply the entire system. The CT-Smart PoE Mission Controller comes with UPS functionalities that allow uninterrupted operation of the entire system during battery replacement.



Small button, large area of application

CT-WirelessPTT MIL: robust control element for your 5G/LTE device

5G or LTE devices (smartphones) are becoming increasingly popular in industrial communication applications as well as with security and law enforcement agencies. The expansion of DMR/TETRA/Tetrapol radio with "Push-to-Talk over Cellular" **applications** is in full swing.

And if, for example, smartphones take over the tasks of traditional handheld radios, this can be implemented using a variety of PoC/PTToIP apps that offer users many practical options.

Remote operability

The robust, wireless transmit button CT-WirelessPTT MIL is the perfect addition for professional applications in communication via broadband networks. Among other things, it controls the push-to-talk function of the app while your smartphone is stored safely away in your pocket! It is also comfortable to wear on your wrist or on your clothing, leaving both hands free during critical situations!

Adjustments necessary?

The market offers many different professional apps, but they all have one thing in common: they are based on standardised Bluetooth®-LE protocols (formerly Bluetooth Smart). This means that individual applications are easy to implement and are supported by the Development department at CeoTronics AG.

Made in Germany

The CT-WirelessPTT MIL is designed and produced in Germany and has the protection classes IP66, IP67 and MIL-STD-810-G, therefore providing a high level of protection against water and dust as well as extreme temperatures, air pressures, sunlight, chemicals and vibrations.

Do you still have questions or would you like detailed advice? Then give us a call on: +49 6074 8751 100

PoC PTTtoIP

grouptalk

team on mission

Zello



Trade fairs

CeoTronics shows national and international presence

With a trade fair stand at the **DALO** Industry Days (23 to 24 August in Denmark) and a cooperation with our Polish partner IBKOL at **MSPO** (5 to 8 September in Poland), we were able to present our innovative product portfolio to an international trade audience. Our experts on site were delighted to hold numerous discussions with interested parties and potential new customers. At this year's **SRHT Symposium** (29 to 30 September in Mosbach) – organised by our long-standing partner Axel Manz – we presented communication systems that make the work of special rescue teams involved in operations within the "Special rescue from heights and depths" category much easier and help to save lives.



MSPO | 



DALO | 



SRHT Symposium | 



News from Spain



CeoTronics S.L. wins two important tenders

New DMR systems for the port of Gijón and the city of Córdoba

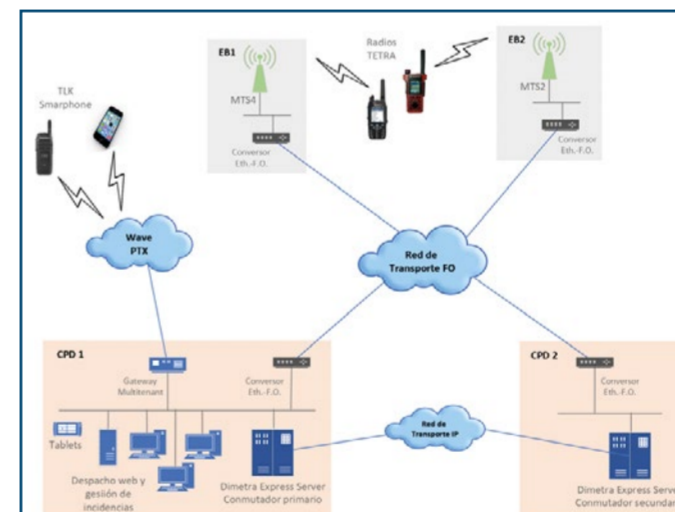
Safety-related certifications for CeoTronics S.L.

The Spanish branch of CeoTronics AG has received an important safety certification in the form of a **certificate of compliance with the Spanish government's National Security System (ENS)**. In Spain, the ENS is an essential prerequisite for participation in tenders in which the bidder must handle sensitive customer data.

In addition to receiving the important ENS certificate, CeoTronics S.L. was also certified in accordance with the international standard **DIN ISO 27001** in March 2023. The certificate confirms that CeoTronics S.L. has implemented an information security management system that meets international standards and therefore also fulfils legal and regulatory requirements.

Both certificates confirm the security of data processing by our company, both internally and towards customers.

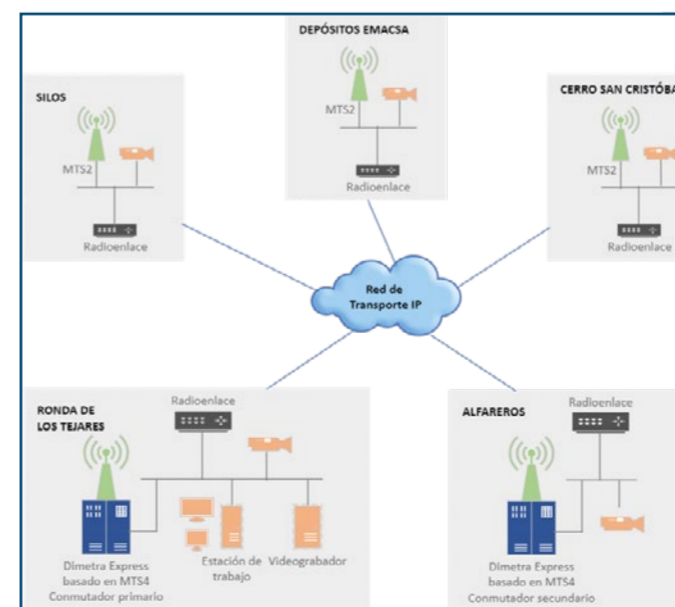
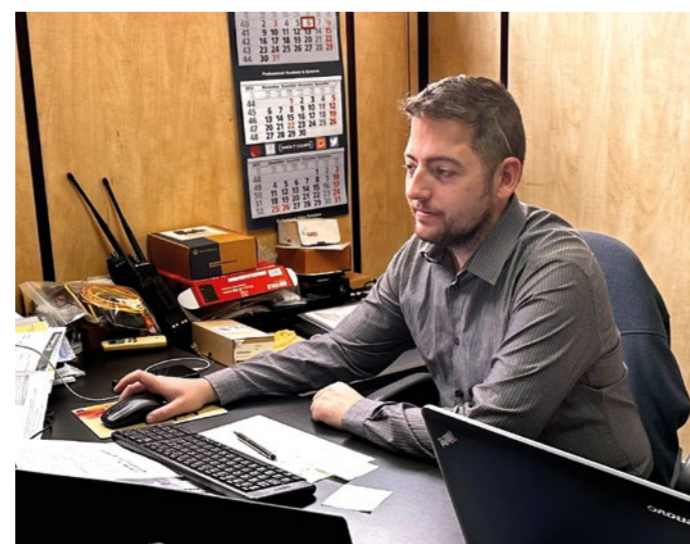
Two major projects in the field of digital mobile radio (DMR), each worth over half a million euros, have been awarded to CeoTronics!



The client for the first project is the Port Authority of Gijón in the north of Spain. The aim is to renew and update the TETRA communication network of the El Musel port. The project includes the delivery, installation, commissioning and maintenance of various systems. The scope of the contract also includes all supplementary work required for the proper installation and operation of the systems, such as installation, configuration, migration, commissioning, training and preventive and corrective maintenance services over a period of 3 years.

Reinforcement for the Spanish team

Roman Cabrera Fernández joins CeoTronics S.L. as a new field service technician. He will focus on supporting the team with the integration and installation of the Tetra and DMR radio systems (more on this on the right). His field of activity includes hardware and software installation of wireless networks in combination with our CT devices and accessories. He is also responsible for the maintenance contract for our radio network.



In the second project, we are a subcontractor of Telefónica. We will supply and install a TETRA communications network for the local police and the fire and rescue service (SEIS) of Córdoba City Council. The contract runs for two years and, as with the Gijon project, includes extensive services (maintenance, etc.).

Follow us on social media and always stay up to date:



Imprint

Editors: CeoTronics AG, Adam-Opel-Str. 6, 63322 Rödermark (Germany), Peter Huegel, Manager Marketing Service, Tel. +49 6074 8751-0
E-mail: peter.huegel@ceotronics.com – Published at irregular intervals. Errors and spelling mistakes reserv

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CeoTronics AG

Audio • Video • Data Communication
Adam-Opel-Str. 6
63322 Rödermark
(Germany)
Tel.: +49 6074 8751-0
E-Mail: verkauf@ceotronics.com
Web: www.ceotronics.com

CT-Video GmbH

Video • Audio • Data Communication
Gewerbegebiet Rothenschirmbach 9
06295 Lutherstadt Eisleben
(Germany)
Tel: +49 34776 6149-0
E-Mail: ctv.info@ceotronics.com
Web: www.ct-video.com

CeoTronics S.L.

Madrid / Spain
ventas@ceotronics.es
www.ceotronics.com

CeoTronics, Inc.

Virginia Beach / USA
sales@ceotronicsusa.com
www.ceotronicsusa.com