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Radio Technology (DMR, TETRA, ATEX, WLAN & 5G)

- DMR Radio Technology
- Two-way Radios
- TETRA Radios & Radio Cells
- Atex Radios
- Battery & Charging Technology for Radios
- Headsets & Loudspeaker Microphones
- WLAN - Wireless LAN as MESH-LAN & conservative WIFI
- DECT Phones & Repeaters (Base Stations)
- Tour Guide systems
- Antennas & Antenna Technology
- 5G

Motorola & Hytera
Service
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https://www.spreenauten.com/funktechnik-news/06-2020/

DMR or TETRA

📅 15/06/2020

DMR or TETRA - that is the question Hytera shows in the latest case study that DMR can now keep up with TETRA radio. The port of Abu Dhabi - "the" transshipment point for the transport of goods by ship - was completely equipped with DMR radios and DMR repeaters. The case study is also interesting because it shows how important autonomous communication technology is, especially in highly automated environments and in logistics in general. The Hytera flagship DMR radios MD785 and PD685 were used in Abu Dhabi, as was to be expected, and can be compared more closely with the Motorola DP4801e. In combination with a Hytera DS-6210 radio cell (digital trunked radio) an advanced Tier III solution was implemented. This is logical, as DMR TIER 3 is the alternative to TETRA radio. The trend away from TETRA to DMR has been noticeable for over a decade. In our opinion, DMR is the faster developing standard, while the existence of TETRA is often only due to the technology already available. DMR is more cost-effective and is, in our opinion, also the open standard. Especially in IT this is often a decisive advantage over closed systems. We generally recommend to weigh up exactly what is to be achieved in complex projects. Preferably with simple user stories, which we then summarise in a 360° scenario. On this basis, the question of DMR or TETRA can then be decided. As a Hytera and Motorola partner, we will of course be happy to advise you and show you the various possibilities. The Hytera case study can be found here: https://www.hytera-mobilfunk.com/en/company/case-studies/sectors/utilities/case-studies/abu-dhabi-port/

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End-to-end Video Security Solutions by Motorola

📅 17/06/2020

As a Motorola Platinum Partner, we put out feelers just for the sake of self-preservation when it comes to news from Chicago, where the Motorola HQ worldwide is located. Today, exciting news reaches us: Motorola Solutions takes over one of the leading manufacturers of End-to-End video security solutions. In its segment, IndigoVision is not only a hardware manufacturer but also a software developer, among other things for automatic detection of body temperature, an interesting feature due to the COVID 19 pandemic. The synergies resulting from these areas could be even more interesting. It should be noted that Motorola radios, especially TETRA radios but also increasingly DMR radios,

are very often used in safety-critical areas - e.g. in airports or by security forces.   For several years now, we have recognised that Motorola is increasingly trying to cover areas other than pure radio communication. Body cams, interesting dispatcher solutions and the networking of the various technologies are increasingly becoming the focus of the group. So far the assessment of Spreenauten GmbH - let Motorola have its say: CHICAGO - 17 June 2020 - Motorola Solutions, Inc. (NYSE: MSI) today announced that it has completed its acquisition of IndigoVision, a UK-based provider of End-to-End video security solutions.   Based in Edinburgh, Scotland, IndigoVision develops complete End-to-End video security solutions, including cameras, video management software, encoders and storage devices.   The acquisition demonstrates Motorola Solutions' continued investment in video security and analytics and reinforces the company's strategy to become a leading provider of next generation End-to-End video security solutions. IndigoVision's products will complement Motorola Solutions' existing video portfolio, which includes fixed cameras, in-car and body-worn cameras (body cams) and advanced analytics and software, and will provide enhanced market reach to a broader customer base.   "We share IndigoVision's commitment to providing End-to-End video security solutions that increase security and efficiency," said John Kedzierski, senior vice president, Video Security and Analytics, Motorola Solutions. "IndigoVision's End-to-End offering, global ...

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UV disinfection box with new features

📅 16/06/2020

Master Max has once again lent a hand and added some new features to our UV disinfection box. We are slowly approaching the prototype stage.   As described in our Funktechnik News from 22.05.2020 and on our page UV Disinfection Box for radios, we are currently working on a system that forces the automatic disinfection of radios during the charging process. We use UVC radiation as disinfectant. New features of the UV disinfection box for radios: Installation of an LCD display This shows the current status of the device (disinfection timer, status of the lamps) Installation of a Piezo loudspeaker If the door is open, a voice message is displayed, informing you that the door must be closed to disinfect the radios Installation of an improved fan design The waste heat, which is mainly generated during the charging process of the radios, is efficiently dissipated and is now no longer an issue LED convenience features as status display The colour of the light can now be used to quickly identify the current status of the disinfection box: Green = idle mode (radios can be removed or placed inside) Red = door open (disinfection is not possible in this state) Blue = The radios are disinfected Installation of a light barrier This ensures that there is at least one radio in the box so that disinfection is not started unnecessarily in idle mode.   A new YouTube video with the new functions will follow shortly. We are of course very pleased about your interest. Contact person for the mobile UV disinfection solution for Hytera and Motorola radios is our colleague Uwe, e-mail:

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