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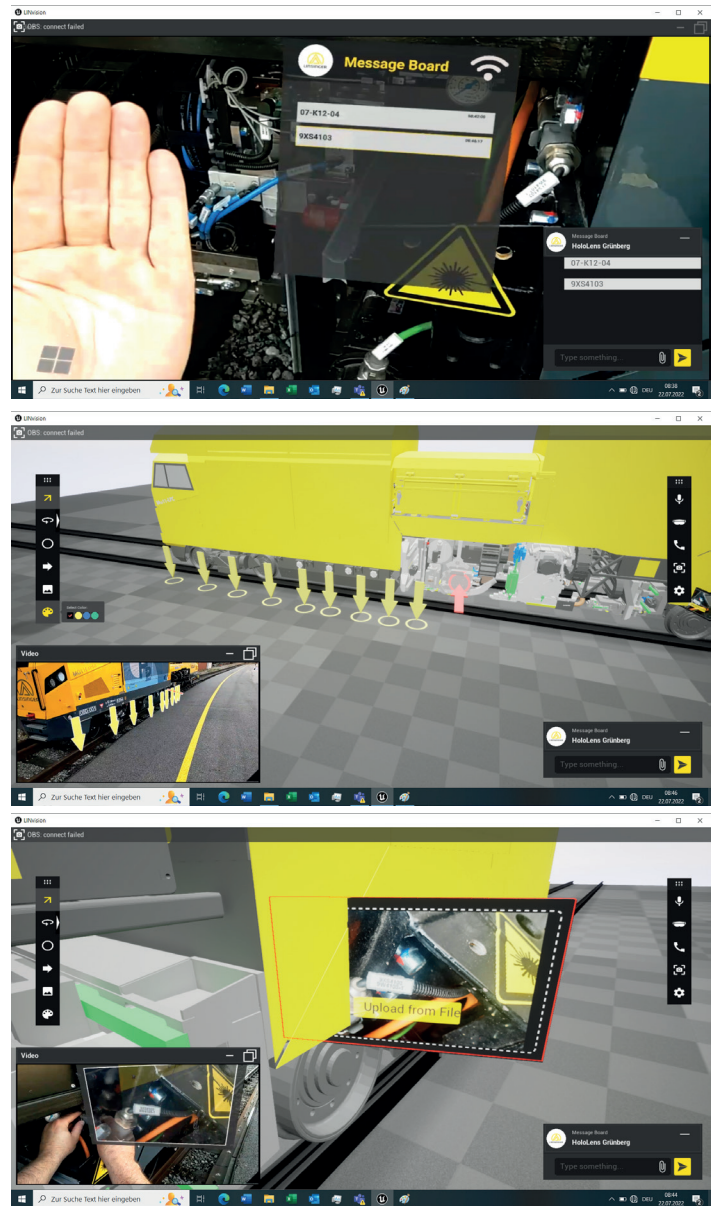


LINVISION
HELMET



AUDIO-VISUAL SUPPORT BY LINSINGER

By using mixed reality, efficient and personalized service is possible – no matter where in the world our client is based. The LINvision helmet enables the customer to immediately connect to the emergency service team thus making problem solving a breeze. The simple handling of the helmet makes it very easy to use and even helps with language barriers. The audio-visual connection to the service team can minimize downtimes massively which essentially helps the customer to cut costs.



The desktop application of the emergency service team at the HQ of LINSINGER.

IMMEDIATE INSTRUCTIONS BY THE SPECIALIST

Just put on the LINvision helmet, fold down the glasses of the helmet and the connection is already establishing to LINSINGER. The service team is immediately aware of the problem and can react accordingly. Communication problems can be avoided as the visuals also help to understand the problem. A message board assists with further information and therefore the problem can be solved with a few clicks.



SIMPLE & USER-FRIENDLY

The service team can add arrows and circles to the live picture which is extremely useful in highlighting the relevant areas. Thus, making it easier for the machine operator to follow instructions. Furthermore, you can change the colors to differentiate between different steps. Construction or electrical maps can be included in the visuals of the holographic lens of the helmet.



TECHNICAL DATA

AUGMENTED REALITY HEADSET

resolution	2k
sensors	head and eye tracking, depth sensor (ToF), IMU, microphone array 5ch
cameras	4 regular, 2 infrared, 8 MP still, 1080p30 video
sound	spatial
processor	Qualcomm Snapdragon 850
memory	4 GB DRAM, 64GB UFS 2.1
connectivity	Wi-Fi 5 (802.11ac)
weight	1.3 kg
charging	USB-PD for fast charging
battery	2 - 3 h of active use



ADVANTAGES

- **LESS SHIFT LOSSES:** LINSINGER support has real-time audio-visual information of the machine on site and can guide the machine operator during repairs
- **HIGHER PRODUCTIVITY:** real-time interaction between the site and LINSINGER machine experts
- **HIGHER EFFICIENCY:** visualization of repair data and instructions on the technician's display onsite as well as easy localization at the machine
- This hands-free system allows the operator to quickly carry out the maintenance under LINSINGER guidance



FEATURES

- Real-time video and audio transmission
- By localizing the operator at the machine and with the help of a QR code, it is simple to give directions and language barriers can be overcome
- Independent of ambient light
- Possibility of recording a video for quality assurance purposes
- Simple operation by machine operators
- Handsfree as plans, drawings and sketches are displayed in the AR environment
- Safety helmet impact protection according to current norms and standards, cool design, ergonomic weight distribution, high wearing comfort, flip-up display
- Suitable for spectacle wearers



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