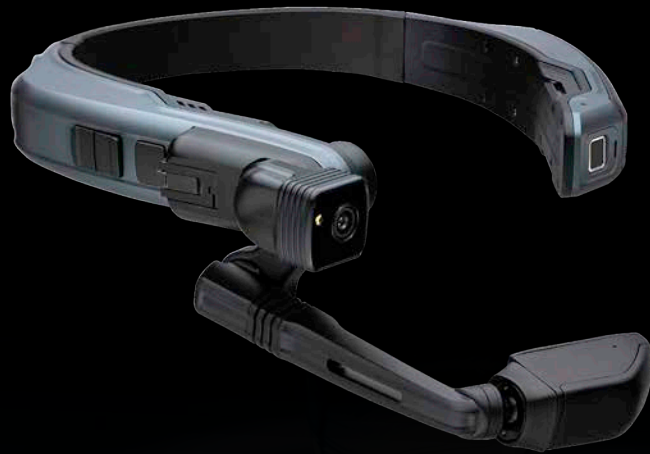


LeadingEdge
INNOVATIONS



WATER UTILITY

CONNECTED WORKER SOLUTION



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INTRODUCING LEADING EDGE INNOVATIONS...

Water Utility Connected Worker Solution

A state-of-the-art, ruggedised assisted reality solution designed specifically for water management services.

It's a sad reality that a lot of communities, particularly regional ones, are repeatedly impacted by the inaccessibility of information, resources or expertise when they need it. This can apply to consultation, assessment, support, compliance or training. It is especially challenging when it impacts a service the wider community continually utilises and relies on, such as the delivery of safe and reliable water supplies to communities in regional NSW.

That's why **Leading Edge Innovations**, together with **RealWear** have developed the **Water Utility Connected Worker Solution**.

The revolutionary, wearable, assisted reality technology incorporated in this solution, partnered with custom workflow and Microsoft Teams integration, is designed to create efficiencies by providing access to resources when you need them. Utilising the power of a built-in screen, high definition camera, voice activation and Leading Edge Innovations' team of certified technicians and trainers, businesses and government departments can be instantaneously remotely connected with the tools and personnel required, anywhere, anytime, completely hands-free. They're capturing images and videos, playing back training videos, referring to manuals, video calling consultants. All on site, all in real time.

Australia can be a harsh environment. Heat, dust, unforgiving landscapes. This solution has been designed to withstand extreme conditions, is dust tight and water resistant and works with most PPE, with a hot-swappable battery for full shift use. The built-in camera is designed to work even in very low light, and unrivaled noise cancellation capability means you will always be able to hear and be heard even in the noisiest of environments.

IN THE CASE

- RealWear Navigator 500
- RealWear Noise Canceling Earbuds
- RealWear Spare Battery
- RealWear Battery Charger

WARRANTY & SUPPORT

- Certified RealWear Trainer
- RealWear Premier Warranty
- Local Support By Leading Edge Innovations
- Global Support By RealWear



Microsoft Teams



WorkfloPlus

HOW DOES IT WORK?

MICROSOFT TEAMS INTEGRATION

In the past when a request for maintenance was received, organisations would have had to wait for the necessary personnel to address the issues. With the Leading Edge Innovations Water Utility Connected Worker Solution, this is no longer the case. Equipped with this technology, a lesser qualified, but readily available technician can attend site. Once in front of the problem, using voice activation, this onsite technician can call and connect directly to the required expert through the Microsoft Teams integration. Through the built-in camera on the technicians head, that expert now has real time vision on the issue. They can see the scope of the repair required, advise on strategies to fix it, immediately order any parts needed and more, fully remotely. The technician themselves, can see the consultant live on the in-built display which views like a 7" screen, in addition to any documents such as manuals or videos, they might need to share to help communicate any directions.

WORKFLO PLUS INTEGRATION

Utilising WorkfloPlus, Leading Edge Innovations create a custom digital workflow for any recurring maintenance or process. Through this software, any process can be transformed into a digital format utilising everything from manuals and screenshots through to videos and demos. This workflow can then be accessed, completely hands-free via voice commands in addition to being displayed on the built-in 7" display. This technology empowers your technicians with access to any process or resource they require, wherever they are and in any work environment or operating condition they find themselves in, working much in the same way as connecting to a consultant without the need for additional personnel. A worker can simply put on the RealWear device and be taken through the steps they need. Not only does this eliminate delays in essential work, but it is also both safer and more accurate. Any service can be recorded and reviewed via the built-in camera, as well as reported on and distributed by PDF through the Workflo Plus integration, giving your organisation complete transparency on all work completed.

HIGH IMPACT BENEFITS

- Immediate, remote support for breakdowns & urgent maintenance work
- Remote assessment & compliance capability
- Error reduction
- Minimise delays, essential work gets completed faster
- Remote training
- Safety, security and stability
- Customised training content
- Workaround to travel restrictions
- Use both hands
- Maintain situational awareness
- IP66 rated / drop proof / dust proof
- 8-10 hours battery life



General	
Operating System	Android 11 (AOSP) + WearHF™ hands-free interface + Enterprise features
Chipset	2.0 GHz 8-core Qualcomm® Snapdragon™ 662 with Adreno 610 GPU - OpenGL® ES 3.2 & OpenCL™ 2.0
Memory	64GB internal storage / 4GB RAM / MicroSD slot (max card supported 512GB)
Weight	9.5oz/270g
Ruggedisation	IP66, MIL-STD-810H, 6.5 feet / 2-meter drop
Dedicated Buttons	Power button (with integrated fingerprint sensor), Programmable: action button, left button, right button
Ports	1/8" / 3.5mm audio, 1 USB Type-C
Boom Arm	Adjusts six ways for most head sizes, left or right eye compatible, display can be moved out of way when not in use
Operating Temperature, Humidity	-4°F to +122°F / -20°C to +50°C, 5% to 95% relative humidity (non-condensing)
Included Applications	Document Navigator, Camera with Barcode Reader, Audio Recorder, Video Recorder, Webpage Viewer, Cloud Sync, Media Player, Calculator, Pedometer, Timer
Languages & Dialects Supported	Chinese (Cantonese, Mandarin-Simplified and Traditional), Czech, Dutch, English (American, Australian, British), French, German, Indonesian, Italian, Japanese, Korean, Polish, Portuguese, Russian, Spanish, Thai
Sign-in Options	Companion App, Voice Keyboard with secure mode
Connectivity & Sensors	
Bluetooth	Bluetooth® 5.1
Wi-Fi	802.11 a/b/g/n/ac - 2.4 GHz and 5GHz
GPS and Location	• GPS, Glonass, BeiDou, Galileo, QZSS, and SBAS • NavIC support • Dual-Frequency GNSS (L1 + L5) • Qualcomm® Sensor-Assisted Positioning
IMU - Head Movement Tracking	3 IMUs (including 3-axis accelerometers, gyroscopes, eCompass)
Battery	
Capacity	2,600 mAh / 10.0 Wh Li-polymer, rechargeable, hot-swappable
Security	
Security	Qualcomm® Trusted Execution Environment, Crypto Engine, Secure Boot
Display	
Type	20° field-of-view, 24-bit color LCD, 0.32-inch diagonal, outdoor visible
Resolution	WVGA (854X480)
Audio	
Microphone	4 digital microphones with active noise cancellation Accurate voice recognition in noise up to 100 dBA
Speaker	Internal 94 dBA loudspeaker
Camera	
Image	48 MP Sensor, PDAF with LED flashlight
Video	Up to 1080p @ 60fps, >6X zoom in HD, video stabilization. codecs: VP8, VP9, H.264, H.265 HEVC
Compatibility	
PPE	Works with many hard hats, protective eyewear, masks and more
Accessories	
Included	Workband, USB Type-C charging cable
Cloud Services	
Foresight	Accelerates centralized deployment and management of devices