



AR Operator ProGuide: **GUIDED OPERATOR ASSISTANCE SOLUTION**

Redefining Operator Performance with the Perfect Blend of
Innovation & Efficiency

ABOUT COMPANY

AR Operator ProGuide by YeppAr is an innovative guided operator assistance solution for the dynamic needs of the automobile industry. By integrating the advanced visualization capabilities of Microsoft HoloLens with a robust, voice-controlled RealWear device, this solution supports operators and redefines task execution and operational accuracy at various levels. From complex 3D visualizations to hands-free, real-time task assistance, AR Operator ProGuide ensures accuracy, efficiency, and seamless workflow. This way, it sets new benchmarks for operational excellence.

As a result, the industry has witnessed a massive reduction of 40% in errors and 30% in assembly time. Our solution empowers businesses that are ready to tackle the complexities of modern manufacturing. Let's experience AR Operator ProGuide and get real-time guidance and remote assistance in your automobile manufacturing.



KEY FEATURES OF AR OPERATOR PROGUIDE

"Revolutionizing the Way Operators Work with Innovation & Excellence."

01 Hybrid System

Integrates RealWear's voice-activated features with HoloLens's immersive 3D visualization.



02 Dynamic Assistance

Delivers real-time, 3D, step-by-step instructions to simplify complex tasks.

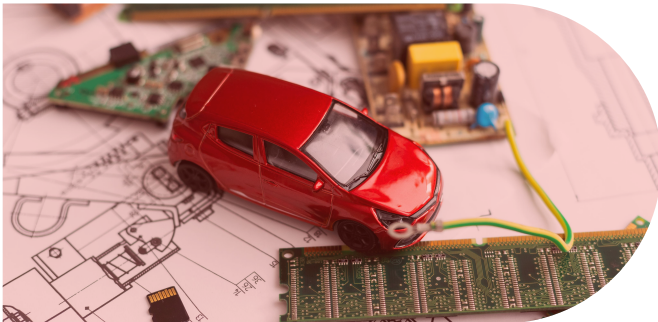
03 Hands-Free Workflow

Enables seamless operation through voice-activated controls.



04 Remote Collaboration

Facilitates real-time video and audio support from experts anywhere in the world.



05 Multi-Tasking Capabilities

Allows effortless switching between devices to meet diverse task needs.

06 Voice Control

Enhances efficiency & safety with RealWear's intuitive, hands-free, voice-controlled navigation.



07 Real-Time Assistance

Provides live data, instructions, and step-by-step guidance directly within the operator's field of view.

08 Customizable Workflows

Features a personalized user interface for various task complexities and integrates seamlessly with existing systems for improved usability.



PRODUCT SPECIFICATIONS FOR AR OPERATOR PROGUIDE

"Built for Performance, Engineered for Excellence!"

SPECIFICATION	DETAILS
AR Headset	Microsoft HoloLens
Rugged Device	RealWear
Processor	Qualcomm Snapdragon XR2, optimized for AR applications for real-time data processing
Display	HoloLens: 2K displays/ RealWear: HD
Ram	8 GB
Storage	128 GB
Connectivity	Wi-Fi, Bluetooth, Ethernet, 4G LTE
Sensors	6DoF motion sensors, environmental sensors
Operating System	Windows Holographic for HoloLens, Android for RealWear

BENEFITS

“Empower Operators. Enhance Precision. Elevate Production.”

Enhanced Productivity: Accelerates task completion while ensuring uncompromised quality.

Emergency Response: Empowers operators to handle critical situations with efficiency & precision.

Error Reduction: Provides guided workflows to reduce errors & maintain high-quality standards.

Cost-Effectiveness: Minimizes errors and downtime, optimizing resource utilization.

Operator Empowerment: Streamlines complex tasks, boosting operator confidence & capability.

Improved Safety: Enables hands-free operations, fostering a safer work environment.

Flexibility & Scalability: Adapts to tasks of varying complexity, from routine checks to intricate repairs, scales effortlessly as demands grow.



USAGE

"From Training to Troubleshooting: A Solution for Every Task!"

- ✓ **Operator Training:** Accelerates learning curves through immersive & interactive training modules.
- ✓ **Maintenance & Inspection:** Improves troubleshooting & equipment checks, ensures checklist compliance, and offers real-time visual aids & support.
- ✓ **Assembly Line Guidance:** Streamlines component assembly with step-by-step instructions & optimized task-specific workflows.
- ✓ **Quality Assurance:** Guarantees consistent compliance with standards through AR-powered quality checks.



MES INTEGRATION

"Seamless Integration for Smarter Operations & Streamlined Production."

The AR Operator ProGuide integrates seamlessly with your existing Manufacturing Execution Systems (MES). It offers real-time data access and analysis that ensure uninterrupted data flow, quick task monitoring & comprehensive performance analytics. This integration ensures that operators can make data-driven decisions on the go, reducing delays and delivering a unified and efficient workflow.

- ✓ **Real-Time Data Sync:** Seamlessly sync production schedules, maintenance records, and operational data directly within the AR system.
- ✓ **Enhanced Workflow Coordination:** Automates task sequencing & monitoring through MES platform integration for streamlined operations
- ✓ **Tracking & Reporting:** Provides instant access to process data, alerts, and performance metrics for informed decision-making.



YEPPAR X.O

"Next-Generation Solution for Smarter Assistance."

Yeppar X.O serves as the digital backbone of the AR Operator ProGuide, offering centralized control, data analytics, and real-time collaboration tools. Its intuitive interface bridges the gap between the operator and the system, ensuring a more competent, faster, and secure operational environment.

- **AI-Powered Insights:** Predict potential operational failures and suggest corrective actions.
- **Adaptive Learning:** Adapt to operator behaviour & task history, accordingly improve accuracy.
- **Smart Recommendations:** Uses real-time data to recommend optimizations in workflows.
- **Analytics & Reporting:** Provide comprehensive insights on task efficiency & performance.






AR Operator ProGuide

CONTACT & SUPPORT :))

"Your Questions, Our Priority. We are Just a Click Away."

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