

Category Award AI Computing & Tech

PEGAVERSE YODA



PEGATRON
和碩聯合科技

PEGATRON Corporation
和碩聯合科技股份有限公司



Winning Reason

The development platform transforms traditional paper-based SOPs into Animated Virtual Standard Operating Procedures (VSOP). Engineered for universal compatibility, the system supports a wide range of Augmented and Mixed Reality (AR/MR) devices, from tablets to the Apple Vision Pro. This enables enterprises to generate dynamic digital training materials through automated workflows with low barriers to entry. By significantly enhancing the clarity of operational instructions and reducing human error, this innovative solution optimizes virtual training efficiency across manufacturing maintenance and industrial education.

Product Feature

PEGAVERSE YODA is built on AI technologies to address challenges in industrial environments where operational knowledge is difficult to replicate, transfer, and scale. The system digitizes traditional SOPs as well as fragmented knowledge, and leverages AI to automatically analyze decompose procedures, and convert them into animation-ready VSOPs. PEGAVERSE YODA is not limited to AR or VR devices. The same VSOP content can be delivered through standard 2D displays such as PCs, tablets, and industrial monitors, enabling flexible deployment across different factory environments, and lowering the barrier to adoption. In addition, PEGAVERSE YODA continuously analyzes operators' actions in real time to detect incorrect assembly, and provides immediate visual feedback and corrective guidance.

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