

ARTmaint

AR Solution For Training & Maintenance Guide



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SABSystem

Training technicians to acquire new maintenance and assembly skills is important for various industries. Because maintenance and assembly tasks can be very complex, training technicians to efficiently perform new skills is challenging. Training of this type can be supported by Augmented Reality, a powerful industrial training technology that directly links instructions on how to perform the service tasks to the machine parts that require processing.

Because of the increasing complexity of maintenance tasks, it is not sufficient to train the technicians in task execution. Instead, technicians must be trained in the underlying skills - sensory motor and cognitive - that are necessary for the efficient acquisition and performance of new maintenance operations.

What is ARTmaint

SABSystem offers an Augmented Reality Solution for 3D VLEARNT, known as ARTmaint. ARTmaint provides a live or indirect view of 3D physical component maintenance guides or process cycle by computer generated reference.

It integrates digital information with the real-time environment. It uses the existing environment and overlays new information on top of it.

As the industrial Internet of Things (IoT) comes into focus, a clearer picture is emerging of the Augmented Reality (AR) role as a better way to train plant floor personnel while lending a hand in operator maintenance.

Why ARTmaint



Tracking 3D Model, viewing process cycle etc.

ARTmaint can help train people on the job without taking time out for training. While providing guidance to ensure a job gets done correctly.

- ▶ Hands-on and 1-to-1 participation
- ▶ Capture Fast Knowledge

ARTmaint Solution



Link specific info, references or pdf

It was designed to suits the Air, Land and Sea industries for their:

- ▶ Maintenance & Troubleshooting Guide
- ▶ Logistic & Inventory System
- ▶ Part Task Trainer

ARTmaint Benefits



View Maintenance SOP and instructions

- ▶ Speed-up Understanding
- ▶ Long-term Knowledge Retention
- ▶ Skillful Workers
- ▶ Anytime, Anywhere

SABSystem

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