Clonos AR Assist

Augmenting Reality, Enhancing Possibilities

Clonos

Introduction

Welcome to Clonos, the ultimate digital twin solution designed to revolutionize industries. Clonos offers a virtual representation of your physical environment, integrating advanced digital twin technology with robust asset and maintenance management systems. Our platform empowers organizations to optimize operations, enhance asset reliability, and achieve sustainable growth with comprehensive, cutting-edge solutions.

Challenges Faced by Industries

Industries grapple with inconsistent data management, inefficient manual processes, and a lack of predictive maintenance tools. Manual scheduling and fragmented data hinder efficiency, leading to unplanned downtime and increased costs. Limited visibility and inadequate reporting tools make tracking asset performance and regulatory compliance difficult. Poor communication, high operational costs, and training challenges further complicate management efforts.

- **Increased Downtime -** Delays in diagnosing and resolving issues can lead to prolonged equipment downtime, affecting production schedules and productivity.
- **Higher Costs -** Extended downtime and ineffective troubleshooting can result in higher maintenance costs, including overtime for technicians and potential replacement of parts.
- **Safety Risks -** Incomplete information can lead to improper handling of equipment, increasing the risk of accidents and injuries.
- **Quality Issues -** Ineffective troubleshooting may result in suboptimal repairs, leading to recurring problems and affecting the quality of the final product.
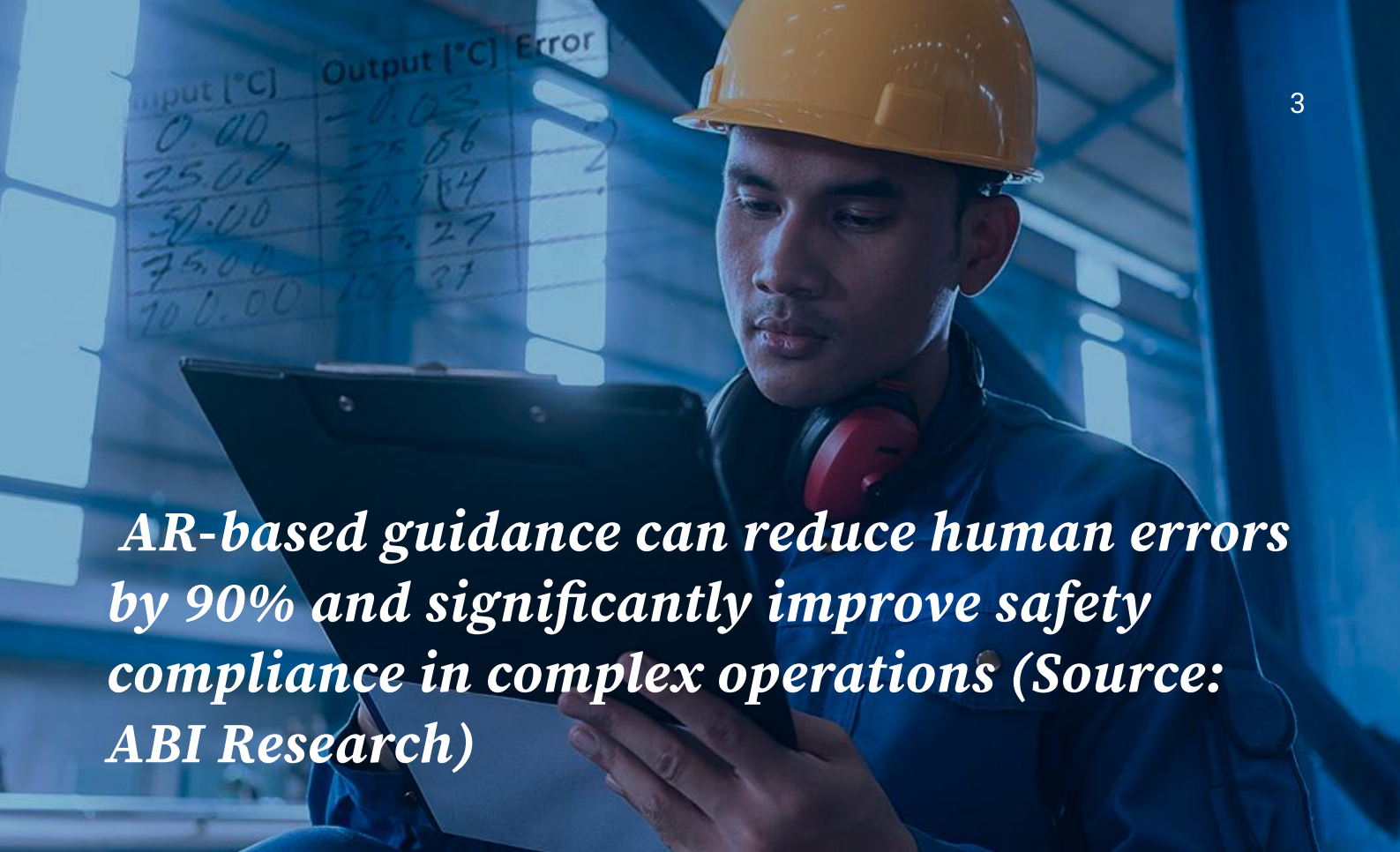
Clonos AR Assist

Intelligent Operational Assistant for Frontline Plant Operators

Clonos AR Assist leverages augmented reality to provide frontline plant operators with real-time guidance and support. By scanning QR codes on assets, operators can access detailed asset information, log data, and view AR-imposed step-by-step instructions. This intelligent operational assistant enhances efficiency, reduces errors, and ensures that maintenance tasks are performed accurately.

A PTC survey found that AR can improve first-time fix rates by 30% and reduce mean time to repair by 27%.

AR-based guidance can reduce human errors by 90% and significantly improve safety compliance in complex operations (Source: ABI Research)

Key Features

- **Augmented Reality Guidance:** Real-time AR overlays providing step-by-step instructions for maintenance tasks.
- **QR Code Integration:** Scan QR codes on assets to instantly access detailed information and instructions.
- **Comprehensive Asset Information:** View detailed asset data, including specifications and maintenance history, through AR.
- **Data Logging:** Capture and log maintenance activities directly within the AR interface for accurate record-keeping.
- **Interactive Troubleshooting Tools:** Utilize AR tools for efficient and guided troubleshooting of asset issues.

Benefits

- **Enhanced Efficiency:** Streamline maintenance processes with real-time guidance, reducing task completion time.
- **Error Reduction:** Minimize human errors with clear, visual instructions provided through AR.
- **Improved Accuracy:** Ensure precise execution of maintenance tasks by following AR-imposed steps.
- **Increased Uptime:** Reduce downtime by quickly and effectively addressing maintenance issues.
- **Enhanced Training:** Improve training for new operators with immersive AR-guided procedures.
- **Better Compliance:** Maintain compliance with standardized procedures and documentation through AR logging.

Key Benefits

Clonos optimizes maintenance and asset management, ensuring accuracy, compliance, scalability, and significant cost savings through reduced downtime.

THE CHALLENGE

Industries battle with unreliable data, cumbersome manual processes, and the absence of predictive maintenance tools. This leads to heightened downtime, increased costs, safety hazards, and reduced product quality.

THE SOLUTION

Clonos addresses these challenges with an integrated platform that consolidates all asset-related activities. It offers predictive maintenance, real-time AR guidance, immersive VR training, and data-driven process optimization.

28.3%

reduction in unplanned downtime

40%

Reduction in maintenance costs using real-time data

10x

Improvement in operational efficiency with predictive maintenance

Our Subscription Plans

Choose your plan and get started with CLONOS

Basic

Suitable for smaller teams

- ✓ Asset Registration & Hierarchy
- ✓ Document management
- ✓ Work order
- ✓ Tasks Library
- ✓ Checklist with recurrence
- ✓ Digital Logs with recurrence
- ✓ User Management
- ✓ Maintenance Plan
- ✓ Audit & Inspection
- ✓ Reports
- ✓ Approval system & E-signature

Choose Plan

Advanced 👑

All Basic plan features, plus

- ✓ 3D Asset Integration
- ✓ Instant Asset Access with QR Code Scanning
- ✓ Live Data Integration & Visualization
- ✓ Condition Monitoring
- ✓ Asset Dashboard
- ✓ Downtime Reporting (MTTR, MTBF)
- ✓ Alarm registration & history
- ✓ Team Management
- ✓ Work Orders with Teams
- ✓ Custom Safety recommendations(PPE)
- ✓ Global Template Creation for Checklists & Logs - (upto 10 templates)
- ✓ Monitor Issues and Set Conditions through Checklists/Log Sheets

Choose Plan

Premium

All Advanced plan features, plus

- ✓ KPI dashboards -People, Process, Machines
- ✓ AR Enabled Instruction manuals
- ✓ Mobile Application
- ✓ Compare design vs actual data of the Asset
- ✓ Unlimited Template Creation

Choose Plan

About us

At Crion, we revolutionize asset management and maintenance with cutting-edge digital twin technology. Our platform leverages 3D visualization, real-time data, and predictive maintenance to streamline operations, enhance data accuracy, and boost efficiency. From small teams to large enterprises, Clonos scales to meet your growing needs, ensuring compliance and delivering significant cost savings. Join us in transforming how industries manage and maintain their critical assets.

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