



QUICK OVERVIEW

Company Overview: VHIT S.p.A.

[VHIT S.p.A.](#) is an Italian automotive technology company with more than 60 years of industry experience. Part of the [Weifu High-Technology Group](#) since 2022, VHIT develops and manufactures mechanical and electric pumps, thermal management systems, and hydraulic solutions for passenger cars, commercial vehicles, and off-road applications, serving customers across global mobility markets.

Solution Overview: REWO

[REWO](#) is an intuitive video work instructions platform designed for modern manufacturing companies. It enhances operational efficiency, ensures consistency, and empowers employees by providing clear, accessible visual guides. REWO's user-friendly interface, auto-translation system, and compliance features make it indispensable for quality assurance, training, and continuous improvement in manufacturing environments.

CHALLENGES

Before implementing REWO, VHIT relied on paper-based work instructions across its assembly lines. Production engineers were responsible for printing documents, placing them at the relevant workstation, and informing shift leaders whenever an instruction was updated. This created several operational risks:

- **Unreliable document distribution:** Updated instructions were communicated by email and passed on through shift leaders. Information could reach one shift but fail to reach operators working later shifts.
- **Risk of outdated or missing instructions:** Paper copies could be misplaced, removed, or remain on the line after a newer digital version had already been approved.
- **Limited operator traceability:** VHIT had no reliable way to confirm which operators had reviewed a new or revised instruction, making compliance difficult to verify.

- **Fragmented document access:** Instructions, approval status, and related records were stored across different folders and systems, requiring engineers and operators to search in multiple places for the correct information.

VHIT therefore needed a more reliable way to distribute approved work instructions, keep production documentation synchronized, and verify that relevant operators had reviewed each update.

Before REWO, every **process change** required **printing and replacing documents**, then relying on shift leaders to explain updates.

SOLUTION

VHIT implemented REWO as a digital document layer within its existing MES environment, allowing operators to access the latest approved instructions directly through the system they already use on the shop floor.

- **Integrated MES access:** REWO was connected to VHIT's manufacturing system through APIs, so operators can open relevant documents without switching between separate platforms.
- **Badge-based document tracking:** When operators scan their badges, the system identifies which instructions are relevant to their

assigned line and records who reviewed each document and when.

- **Immediate distribution of updates:** Once a revised instruction is approved and published, it becomes available to operators immediately—eliminating printing, physical replacement, and manual communication through shift leaders.
- **Centralized point-of-use documentation:** All line-related documents are organized in one digital board and can be accessed through production terminals or tablets positioned near the workstation.
- **Hybrid instruction format:** VHIT uses existing written documentation for standard information and video for tasks that are difficult to explain with text alone, such as specific changeover operations.

Process updates are **distributed immediately**, with **clear records** showing exactly which operators reviewed each document and when.

RESULTS

By replacing paper-based distribution with a digital workflow embedded in the MES, VHIT improved both the speed and traceability of work-instruction updates:

- **Immediate availability of approved updates:** Once a revised document is approved, it is available to operators immediately. Previously, engineers

had to print and replace documents and rely on shift leaders to communicate the change, which could take hours or fail to reach later shifts.

- **Paperless distribution in assembly:** VHIT eliminated the need to print, physically replace, and maintain work instructions across its current assembly-line deployment.
- **Individual operator traceability:** VHIT can now see which operator reviewed each document and when, providing stronger evidence that process changes have been communicated.
- **Reduced version-control risk:** Centralized digital access ensures operators use the latest approved instruction rather than an outdated paper copy.
- **Simpler access at the point of use:** Operators can find all relevant line documentation through the MES interface and access task-specific instructions on tablets near the workstation.
- **Stronger audit traceability:** VHIT can document who reviewed each instruction and when, providing a clearer basis for compliance checks.

Work-instruction updates went from taking several hours to **immediate digital availability** (100% paperless distribution).

CONCLUSION

By embedding REWO directly into its MES, VHIT transformed work-instruction distribution from a manual, paper-based process into an immediate and traceable digital workflow. Operators now access the latest approved documents through the systems they already use, while VHIT can verify who reviewed each update and when.



"With REWO integrated into our MES, operators can access the latest instructions immediately, while we can see exactly who reviewed each document and when."

Luca Stacco, VHIT S.p.A.
Automotive Production Engineer

This integration has reduced document-control risk, improved communication across shifts, and created a stronger foundation for compliance. With plans to expand REWO beyond assembly and into machining, VHIT is building a scalable approach to managing operational knowledge across production.

FOR MORE INFORMATION:

Contact a sales representative or reach out via email.

REWO by VIAR

www.rewo.io | info@rewo.io

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