TeamViewer
Frontline

The right color on each part
Process optimization in the paint shop at AGCO

Initial Situation

Coating metal is a special task. At the Asbach-Bäumenheim plant in Bavaria, the components of all of the six German AGCO locations are being painted. They are delivered from both internal and external production. To feed the powder coating plant, the production workers hang the components, onto racks in front of the plant. These are then driven into the plant. The paint-spray line is adjusted according to the number of parts and the desired color. In the past, the workers had to count the parts and enter the number and color manually.

Asbach-Bäumenheim, Germany

Agricultural Engineering

Use Case: Productive use

2019 Implementation Date

Business Challenge

Mixing several colors or using a wrong color code leads to missing parts. Powder and wet lacquers must not be confused. In addition, deficient quantities due to counting errors lead to false data in the shipping documents. This can result in incorrect delivery quantities to the other AGCO branches. This leads to increased administrative expenses and reworking.

> The TeamViewer solution helps us to increasequality and eliminate rework to a large extent.
>
> **Markus Reiner**
> **Production engineer for body and paint shop, AGCO**

TeamViewer Solution

With TeamViewer xPick and smart glasses such as the Glass Enterprise Edition, the Vuzix M300 as well as the wrist-worn computer Hyco W562, the corresponding order and quantity are now scanned and visualized as soon as the parts are received.

The external scanner is connected to the smart glasses via Bluetooth. The wearables themselves can be operated by voice control. Via an interface created by TeamViewer the data is then transferred to the company's own "FendtView" plant control system.

The program number and color are checked for contradictions in order to prevent possible errors such as mixing two colors in one painting process. In addition, quantities are transferred to the MES system through an interface.

90%
less rework

Higher
quality

Zero errors
during paintwork

Results

The digital recording of the orders enables continuous tracking of the parts in the process, and so bottlenecks are detected more quickly. The quantities of the delivered parts will now be correct, and it is no longer possible to apply the wrong colors, due to the digital aspect of the work process. Powder and wet paint components are no longer accidentally mixed up.

The increased accuracy and quality leads to less reworking and satisfied workers. Thanks to the correct number of parts delivered, the shipping documents now match the load and there is no unnecessary search for missing quantities or over deliveries that do not actually exist.

About TeamViewer

As a leading global technology company, TeamViewer offers a secure remote connectivity platform to access, control, manage, monitor, and support any device — across platforms — from anywhere.

With more than 600,000 customers, TeamViewer is free for private, non-commercial use and has been installed on more than 2.5 billion devices. TeamViewer continuously innovates in the fields of Remote Connectivity, Augmented Reality, Internet of Things, and Digital Customer Engagement, enabling companies from all industries to digitally transform their business-critical processes through seamless connectivity.

Founded in 2005, and headquartered in Göppingen, Germany, TeamViewer is a publicly held company with approximately 1,400 global employees. TeamViewer AG (TMV) is listed at Frankfurt Stock Exchange and belongs to the MDAX.

Contact

www.teamviewer.com/support

TeamViewer GmbH
Bahnhofsplatz 2
73033 Göppingen
Germany

📞 +49 (0) 7161 60692 50

TeamViewer US Inc.
5741 Rio Vista Dr
Clearwater, FL 33760
USA

📞 1 800 638 0253 (Toll-Free)

Stay Connected

www.**teamviewer**.com