Reduce inspection costs and streamline delivery schedules

Conventional inspection methods are no longer viable. Cost, travel and safety restrict inspectors from being physically present on-site to perform critical inspection activities. The Flowserve factory acceptance standards test — augmented reality inspection revolutionizes the future of inspections.

Driven by Flowserve technical experts, the augmented reality inspection service enhances on-site factory inspections and enables an instant virtual connection between inspectors and Flowserve personnel. It utilizes state-of-the-art, hands-free and 3D software to deliver a seamless virtual experience. Inspections can be performed from any location in real time, and recordings can be made available for future review.

How it works

• Easy connection via existing mobile devices or laptops; no additional hardware required
• The augmented reality landscape mimics the experience of an in-person interaction
• Seamless collaboration through the capability of sharing documentation and technical requirements in a virtual space
• Use of annotations on physical products to deliver a consistent virtual presence experience
• Crystal-clear images and videos while ensuring a safe environment for all involved personnel

Key benefits:

• Convenience and global reach
• Improved safety
• Travel-related savings
• Reduced inspection costs
• Multiple individuals can join inspection
• Shorter lead times
• Digital data retention
• Sustainability
Flowserve Corporation has established industry leadership in the design and manufacture of its products. When properly selected, the Flowserve product is designed to perform its intended function safely during its useful life. However, the purchaser or user of Flowserve products should be aware that Flowserve products might be used in numerous applications under a wide variety of industrial service conditions. Although Flowserve can provide general guidelines, it cannot provide specific data and warnings for all possible applications. The purchaser/user must therefore assume the ultimate responsibility for the proper sizing and selection, installation, operation, and maintenance of Flowserve products. The purchaser/user should read and understand the Installation Instructions included with the product, and train its employees and contractors in the safe use of Flowserve products in connection with the specific application.

While the information and specifications contained in this literature are believed to be accurate, they are supplied for informative purposes only and should not be considered certified or as a guarantee of satisfactory results by reliance thereon. Nothing contained herein is to be construed as a warranty or guarantee, express or implied, regarding any matter with respect to this product. Because Flowserve is continually improving and upgrading its product design, the specifications, dimensions and information contained herein are subject to change without notice. Should any question arise concerning these provisions, the purchaser/user should contact Flowserve Corporation at any one of its worldwide operations or offices.

©2018 Flowserve Corporation. All rights reserved. This document contains registered and unregistered trademarks of Flowserve Corporation. Other company, product, or service names may be trademarks or service marks of their respective companies.

**Factory Acceptance Standards Test — Augmented Reality Inspection**

<table>
<thead>
<tr>
<th>Savings/benefits</th>
<th>Conventional on-site inspection</th>
<th>Flowserve augmented reality remote inspection</th>
</tr>
</thead>
<tbody>
<tr>
<td>Savings from elimination of travel expenses, waiting times and visa expenses</td>
<td>✘</td>
<td>✓</td>
</tr>
<tr>
<td>Cost savings from elimination of hourly rates associated with on-site inspections</td>
<td>✘</td>
<td>✓</td>
</tr>
<tr>
<td>Improve project delivery schedules by accelerating the inspection and documentation process</td>
<td>✘</td>
<td>✓</td>
</tr>
<tr>
<td>Reduced exposure to travel health and safety risks</td>
<td>✘</td>
<td>✓</td>
</tr>
<tr>
<td>Digital data retention, with recordings and associated digital records, for future reference</td>
<td>✘</td>
<td>✓</td>
</tr>
<tr>
<td>Ability for multiple customer personas (reliability, maintenance) to attend the inspection process</td>
<td>✘</td>
<td>✓</td>
</tr>
</tbody>
</table>

Explore the future of remote inspection today with Flowserve factory acceptance standards test — augmented reality inspection. For details or a demo, contact your Flowserve factory representative.