

Smart O&M Solutions INTEGNANCE VR Fast Digital Twin Maintenance Viewer



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INTEGNANCE VR-Fast Digital Twin Maintenance Viewer

Do you have any of these issues?

- Struggling with promoting DX to aging plant which doesn't have 3D model
- Wasting time on Site Visit for repair work planning, inspection planning, and daily maintenance work planning
- Outdated or missing blueprints

Our Solutions

- Our "Fast Digital Twin" replicates your plant as 3D model within 3 days at the earliest
- Without going to the site, maintenance planning can be developed via web
- Direct recording into a 3D model with tablets on-site is an efficient way to share site data without the need for blueprints

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Wearable 3D Imaging Scanner



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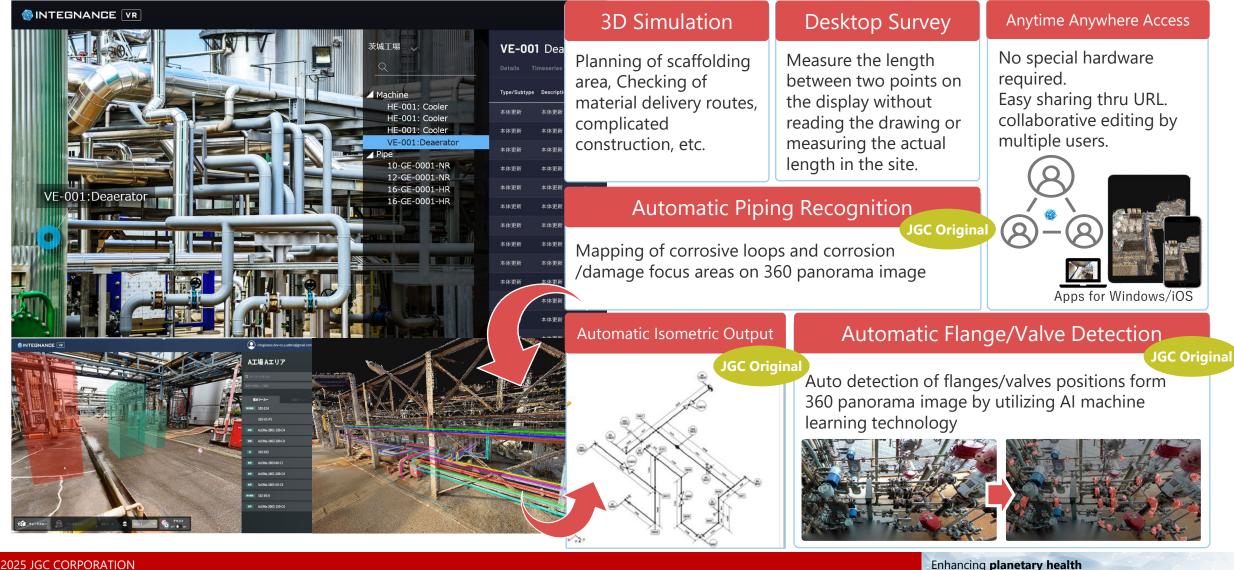
Imaging Laser Scanner

^(*)INTEGNANCE VR is developed by Brownreverse which is one of JGC group companies.

3D point cloud mode

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Key Features



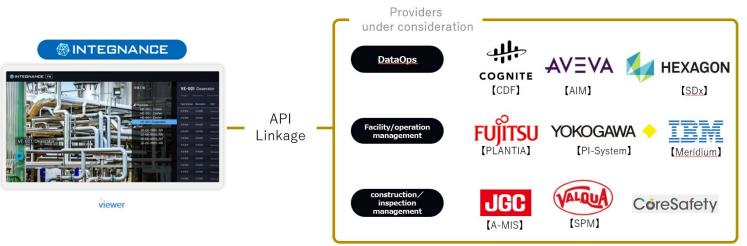
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Use Case

Direct recording of 3D model into tablets on-site saves 22,500hr from 50,000hr annually. (45% reduction*)

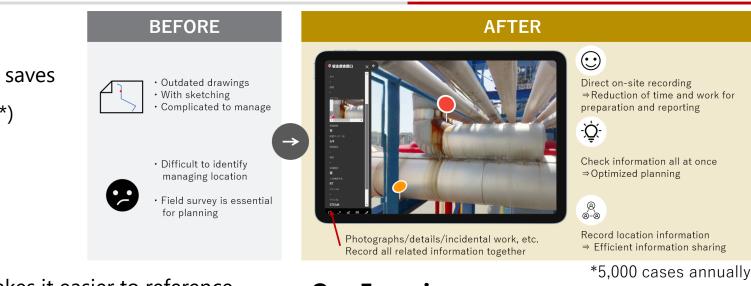
System Integration

Integrating data infrastructures* with WEB API makes it easier to reference and update related information on INTEGNANCE VR.



*PoC with various providers is being implemented and discussed based on requests from clients.

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Our Experiences

Over 50 Sites

INTEGNANCE VR has been adopted to over 50 sites.

Recent news:

INTEGNANCE VR was adopted for an ammonia production base in Indonesia for a joint study on reducing GHG emissions.(Sep 2024)

Return to

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