Digitising for efficiency & speed of smart meter installs

vyn
SmartVideoNotes

Asset & digital site surveys captured using SmartVideo

...enabling seamless collaboration & accurate contract mobilisation for a leading electricity and gas distribution company in Asia

The Challenge
Simplify site surveys & improve accuracy of bill-of-materials quote

Complicated disjointed workflows and limited situational awareness in the pre-sales process led to inaccurate bill of material estimates.

Inconsistent information capture across sites and meters delayed the customer price quote and meter installation at customer premise.

The client's aim was to build a digital, searchable asset database and improve accuracy of customer price quote and create a more efficient process.

> "*Vyn provides better quality & accuracy* of contextual multimedia information captured. We readily share Vyns with contractors and have increased field coverage doing site access & surveys. It helps save about 11.5 man days for a typical 400 meters/ pre-sales site survey"
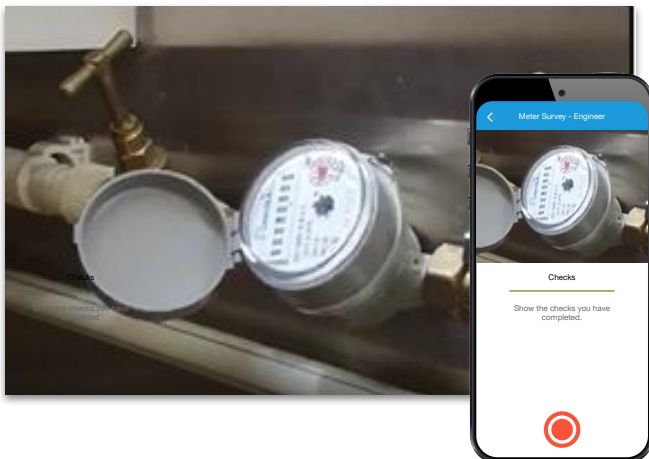>
> ~ Sales Support Manager, Digital Technology

The Solution
A smart digital platform for richer site intelligence & situational awareness

Vyntelligence simplified & digitised the Electricity, Water and multimeter survey by re-imagining data capture & flow for faster actions.

- A rich multimodal guided mobile-first data capture with secure access & offline capability

- Two-way collaboration with meter readings, geo-location pins and image annotations for clear contextual information

- AI-enabled auto alerts and real-time dashboards to track and remotely assess complexity of meter installs

- Downloadable surveyed meter list for seamless process integration with B-O-M creation

Simplified, digitised, searchable asset database

The Outcome: Data-driven intelligence & faster, high quality searchable site and asset database for meter installs

✅ Faster bill-of-materials creation
Visual intelligence and a more seamless real-time flow of job-specific insights has reduced cycle time for BOM creation by 75%.

😊 Improved pre-sales productivity
Guided multimedia data with automated data flow improved situational awareness and reduced pre-sales activities time cycle by 20%.

👍 Optimised Meter replacement
With improved visibility on inventory of electric and water meter brands created the opportunity for a data-driven optimised meter replacement plan

Driving better asset intelligence
With the use of Vyn, an auto updated asset database was created with detailed asset conditions resulting in new business solutions.

Delivering the change to build sustainable innovation using AWS
Data-driven intelligence and rapid digitalisation of analog processes

Developed and Hosted on AWS

AWS best practices for infrastructure-as-code and safety-by-design are put in place to deliver enterprise grade security, data protection, availability and scalability; ensuring a high level of service assurance using AWS operational monitoring

Full range of capabilities in use across solutions

The full AWS suite of products from S3 to Quicksight for access management, encryption, networking, communication, video and data processing, training and running AI/ML models, data visualisation and reporting are used to their full potential
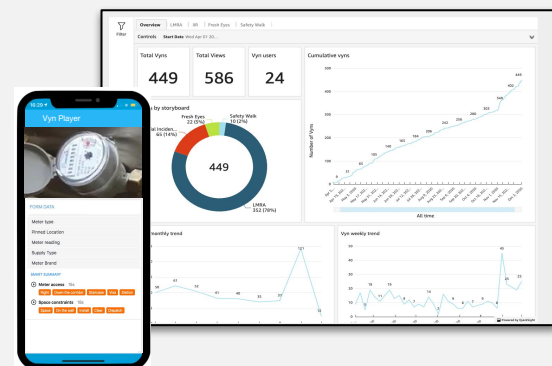
Integration with existing Enterprise Systems

API gateway, AWS Lambda and other serverless technologies are deployed to provide cost effective, yet highly scalable, solutions for integrating Open APIs into a wide range of commercial or proprietary enterprise systems

High Operational and Data Security Compliance

High operational and data security compliance requirements are met for even the most demanding large enterprise applications thanks to AWS' leading support for DevOps, software deployment, infrastructure as code, role and policy-based least privilege access control

About Vyntelligence
Vyntelligence provides category-defining Digital Solutions for transforming complex Analog Work. It gets the work done - simply, quickly, and effectively - helping to achieve sustainable innovation. We empower your frontline workers, customers and back-office personnel to make early decisions using Smart data capture and AI-powered insights using our pioneering SmartVideoNotes. Our patented AI-driven technology is designed to enable businesses to rapidly deploy new and differentiated solutions with an eye for outcomes.

Want to find out how Vyntelligence can help?
hello@vyntelligence.com

Capture. Connect. Close the loop.