

Workflow System for Plantation Operations (WSPO)

Implementation Partner: Innov8tif Solutions | Customer: Leading Oil Palm Plantation Conglomerate in Southeast Asia

ABOUT PARTNER

Innov8tif Solutions helps businesses to capitalize on new business opportunities created by digitization of identity verification and business processes, with the combination of an innovative AI-based solutions.

Focused to achieve next-generation customer journeys, Innov8tif provides its customers with the right tools to widen sales funnel and accelerate processes without paper and prevent frauds.

CUSTOMER AT A GLANCE

The customer is a leading oil palm plantation conglomerate in Southeast Asia.

Its business is diversified into a wide range of industries including pulp and paper, real estate, financial services, agribusiness, telecommunications, and mining.



Industry:
Agriculture



Country:
Southeast Asia

CHALLENGES

- Needed a paperless system to manage daily oil palm estate task assignments and operations
- Electronic recording and automated batch upload of estate and mill output data needed into the centralized SAP system from de-centralized sources
- With plantations spanning vast areas in multiple remote locations, managing the day-to-day activities of each plantation was an enormous challenge
- Manual business processes and workflows were difficult to track
- This has resulted in frequent delays within the organization
- Management frequently experienced the loss of important paper documents

SOLUTION

A **Workflow System for Plantation Operations (WSPO)** was built on the Joget platform to automate various core processes commonly practiced in 130 oil palm estates, and the palm oil refinery mill associated with each estate.

Upon implementation of the system, the customer has optimized their data integrity, lowered operational cost, minimized revenue loss and significantly improved their process efficiency.

RESULTS

- ✓ WSPO enables the customer to receive electronic data input captured from mobile devices through the use of BLE (Bluetooth Low Energy) technology in field operations, and initiate approval processes with the party-in-charge
- ✓ When a set of data is approved and validated against business rules, it will be scheduled for automated batch upload from the decentralized architecture, into a centralized SAP backend system in HQ
- ✓ The system is designed to support a loosely coupled architecture as part of achieving high availability objectives across an architecture that involves more than a hundred of decentralized systems
- ✓ By digitalizing processes and reducing labor-intensive workload, WSPO enables the customer to better allocate their resources more efficiently



SEAMLESS
Receive of electronic data input



SUPPORT
Automated batch upload



100%
Digitalized processes