



Dynamic Cane Management System
For A Manufacturing Giant



About Client

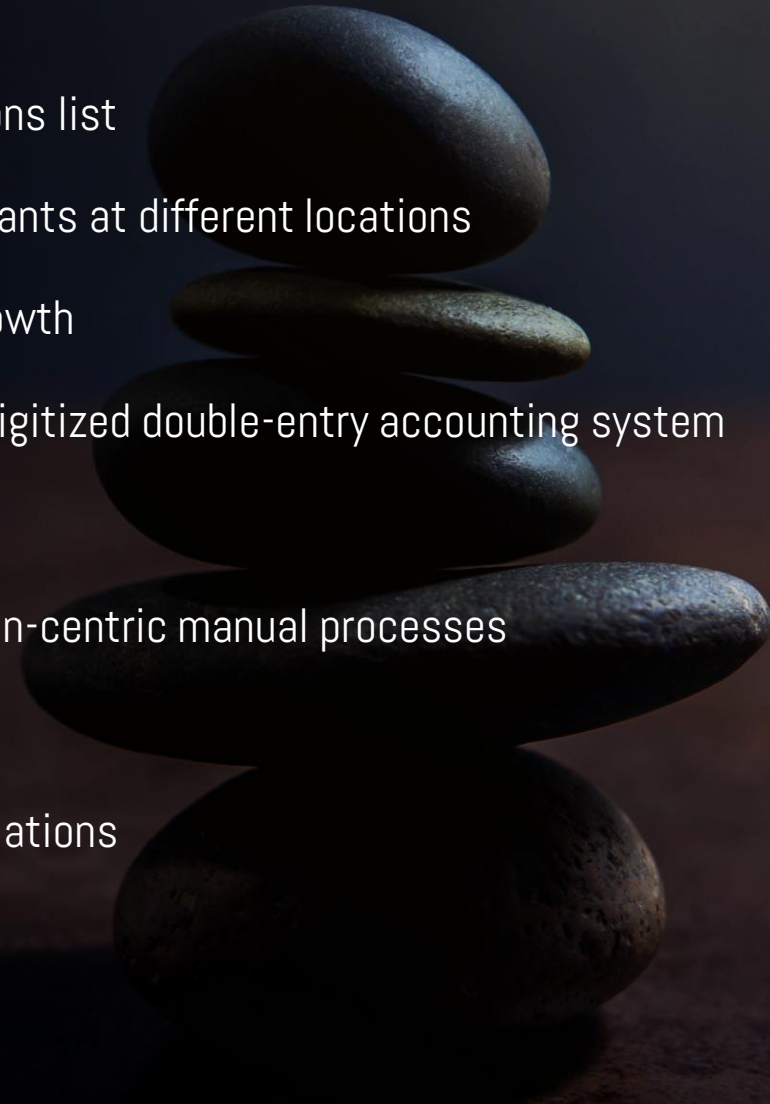
The client is a public listed Manufacturing giant with revenue of more than \$1.4 billion, producing goods for the consumer market. They have more than 1700 employees working in manufacturing plants spread across 7 locations in India.



Business Challenges



- Absence of central repository of the entire master & transactions list
- Inability to implement specific configurations manufacturing plants at different locations
- Difficulty in manually handling of existing volume and future growth
- Stop-gaps in the financial operations due to the absence of a digitized double-entry accounting system
- Lack of standardization in the data process.
- Lack of control over the supply chain and logistics due to person-centric manual processes
- No transparency & visibility of payables, advances & payments
- Loss of time & money due to unattended tasks & manual escalations



Solution Provided

- Web-based application for Plantation Management / Cutting Order Management / Trip Sheet Management for cane procurement
- Windows application to integrate with Weighbridge Kit (Manned/Unmanned)
- Windows application for Token Generation and Weight Slip (IN/OUT) Generation
- Windows service for periodically updating plant Data as per Central Data. And Transferring token/Weight slip /Diesel Disbursement data from plant database to centralize database.
- User-friendly screens to manage, master & configure data.
- Template Excel automation for generating Charts, Pivot, and User-Defined Structures in some reports.
- Strong authentication and role-based authorization implementation



Solution Provided

- A Double-entry accounting system with live ledger verification, reports, and dashboards to validate the accounting data
- Background Processing Architecture for massive and extensive data calculations.
- Invoice Generation as soon as service received from Farmer / Transporter / Harvesters
- Bill Generation as soon as any loan given to Farmer / Transporter / Harvester
- Automatic Loan Recovery through invoice generated against the respective service received from Farmer / Transporter / Harvester
- Payment processing portal with automated financial entries & recorded transaction details



Business Benefits



- Complete digitization of finance and operations of all the manufacturing plants
- 360-degree overview of databases for various production plants via a centralized web application leading to better visibility and enhanced employee productivity.
- Streamline processes via custom application instead of costly ERP.
- The Digitized Double Entry System improved accounting operations, reducing errors to the tune of 99.99 percent.
- Swift registration of plantation/farmer/vendor via web- application.
- Instant validation of the accounting data via real-time reports
- Secured authentication and role authorization
- Comprehensive reports and dashboards leading efficient tracking of different KPIs & data-driven decision making
- Saved time on massive data calculations due to swift Background Processing Architecture



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