POLEST★R

Consumer Electronics

Streamlined warehouse management for unrivalled efficiency and profitability

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Client Overview

A century-old Fortune 500 Consumer Electronics company that operated through 23 warehouses in India. They had an extensive network of distribution and retail partnership for their products across segments: laptops, desktop hard drives, televisions, tablets and more.

Challenges faced >>

From lacking the right tracking mechanism to recording transactions manually - they were unable to create a smooth and efficient workflow for managing inventory and supply chain. This lack of tracking can lead to lost sales due to stockouts or inaccurate product availability information

Product Serialization and Traceability

The company lacked a proper system to record the unique serial numbers of their products causing a difficulty in connecting transactions and tracking visibility

Increased vulnerability
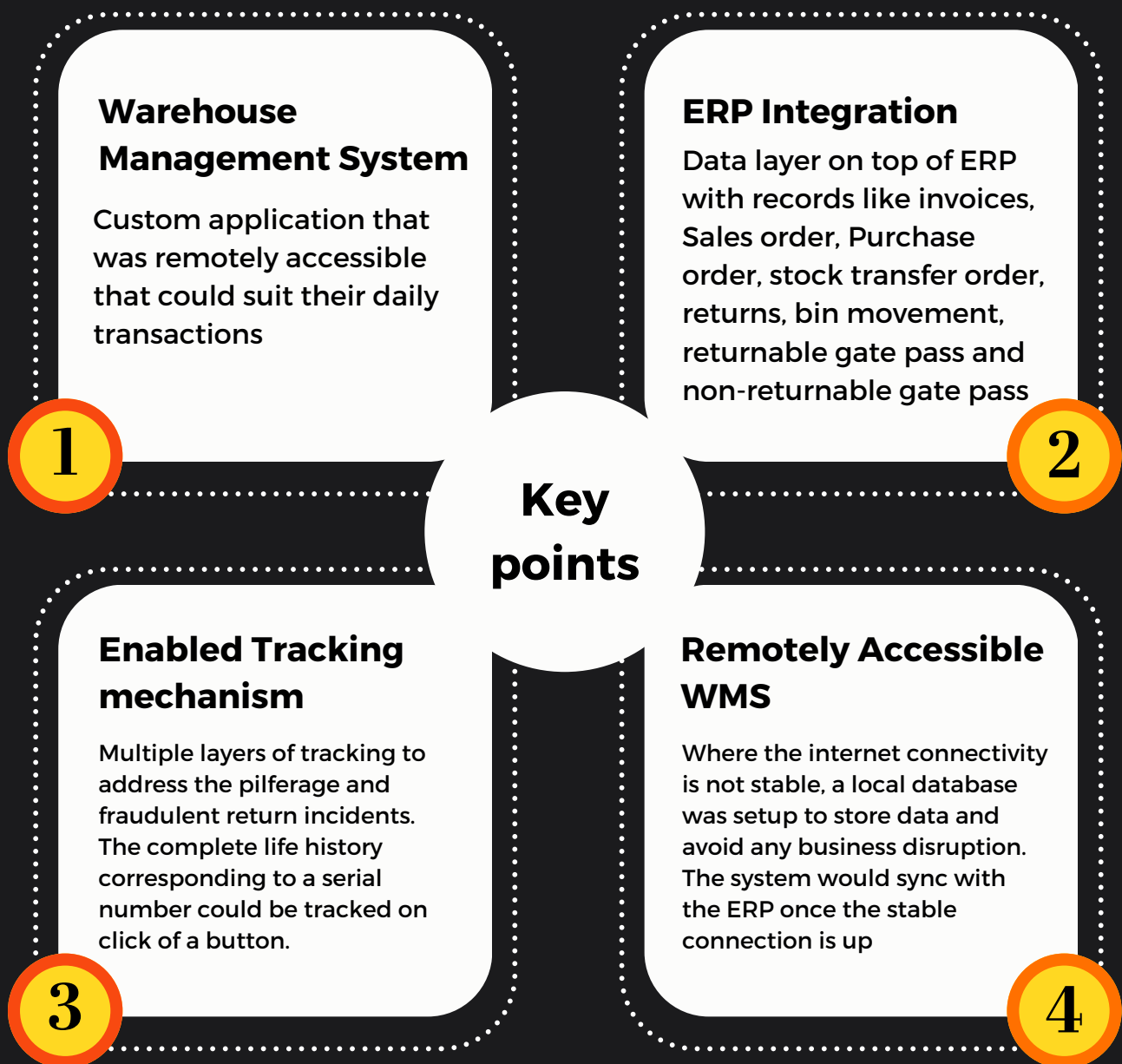
The absence of proper tracking and data integrity made the system vulnerable to manipulation of inventory records, pilferage, and fradulent returns

Manual Inventory Management

The company relied on manual, error-prone processes to record transactions at the warehouses. This not only increased higher errors and chances of manipulation but also increased overhead costs
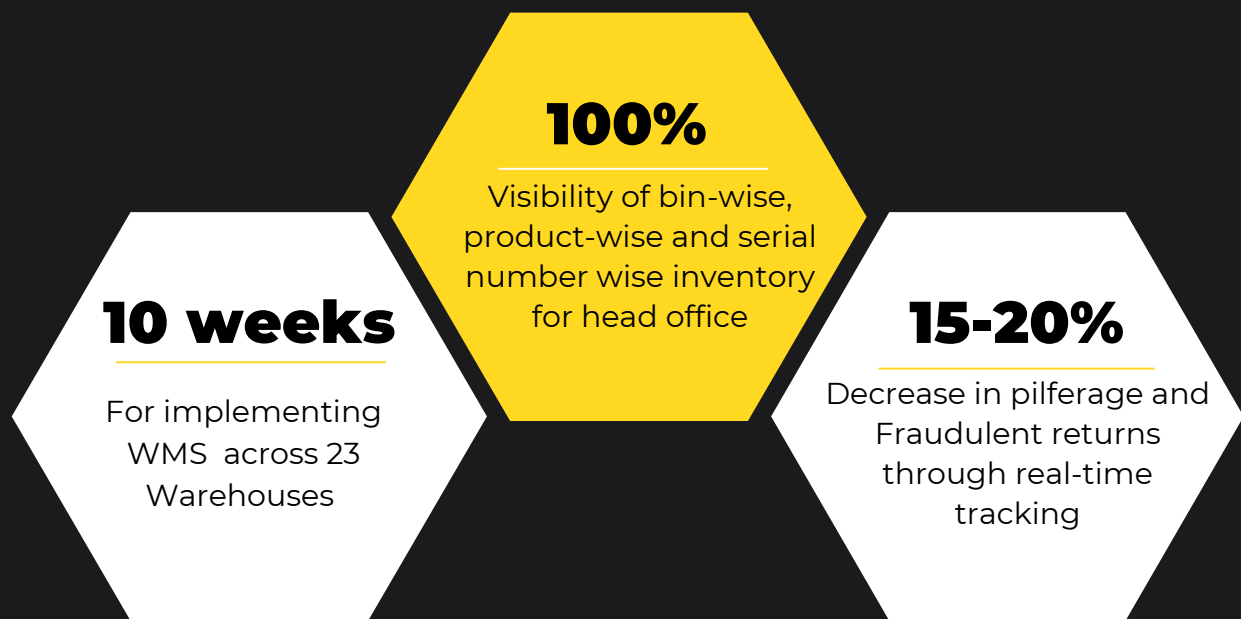
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<u>Solution</u> Implemented ≫

Our system enabled the process managers at each warehouse to track, trace and account for each piece of inventory in real-time as it moved through the supply chain.

Key points

Warehouse Management System

Custom application that was remotely accessible that could suit their daily transactions

1

ERP Integration

Data layer on top of ERP with records like invoices, Sales order, Purchase order, stock transfer order, returns, bin movement, returnable gate pass and non-returnable gate pass

2

Enabled Tracking mechanism

Multiple layers of tracking to address the pilferage and fraudulent return incidents. The complete life history corresponding to a serial number could be tracked on click of a button.

3

Remotely Accessible WMS

Where the internet connectivity is not stable, a local database was setup to store data and avoid any business disruption. The system would sync with the ERP once the stable connection is up

4

Business Impact

The implementation resulted in managing product returns, repair and warranty issues with greater efficiency along with identifying any malpractices. It also improved the productivity of personnel employed at the job and helped the client achieve the desired outcome with lesser resources.

100%
Visibility of bin-wise, product-wise and serial number wise inventory for head office

10 weeks
For implementing WMS across 23 Warehouses

15-20%
Decrease in pilferage and Fraudulent returns through real-time tracking

About Polestar Solutions

As an AI & Planning powerhouse, Polestar Solutions helps its customers bring out the most sophisticated insights from their data in a value-oriented manner. From analytics foundation to analytics innovation initiatives, we offer a comprehensive range of services that helps businesses succeed with data.

The impact made by our 600+ passionate data practitioners is globally recognized by leading research bodies including Forrester, Red Herring, Economic Times & Financial Times, Clutch and several others. With expertise across industries and functional capabilities, we are dedicated to make your data work for you.

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