

[WAREHOUSE MANAGEMENT]

BACKGROUND

- As Sloan Valve has grown throughout the years, the company network and distribution structure has changed. However, many of the warehousing processes have remained the same. Sloan Valve has recently decided to strengthen its supply chain and through a series of initiatives it hopes to make Supply Chain Management a core competency. One of those initiatives is to strengthen its warehousing processes through the implementation of a Warehouse Management module.

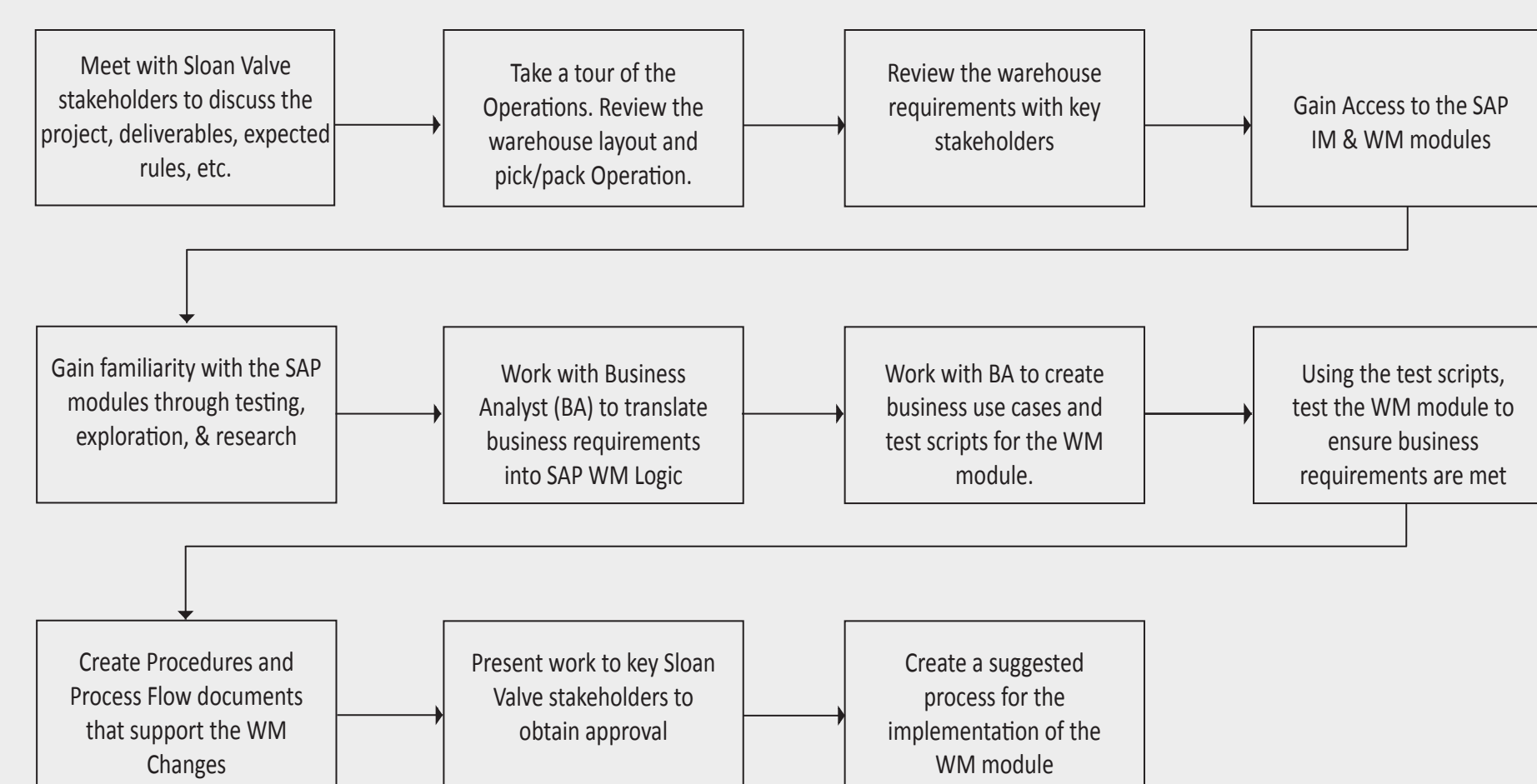
PROBLEMS

- No Formal Procedures for Storing Items
- Many Manual Processes Causing Inaccuracies and Inefficiencies in Inventory
- Shipping Errors on the Internal and External Order
- Inventory Accuracy is Lower Than Desired Target

OBJECTIVE

- Increase the Organization and Performance of the Warehouse
- Test, Validate, and Establish Policies and Procedures for WM Implementation

METHODOLOGIES



RESULTS

✂ Hot Zone Analysis ✂

: A tool for visualizing warehouse

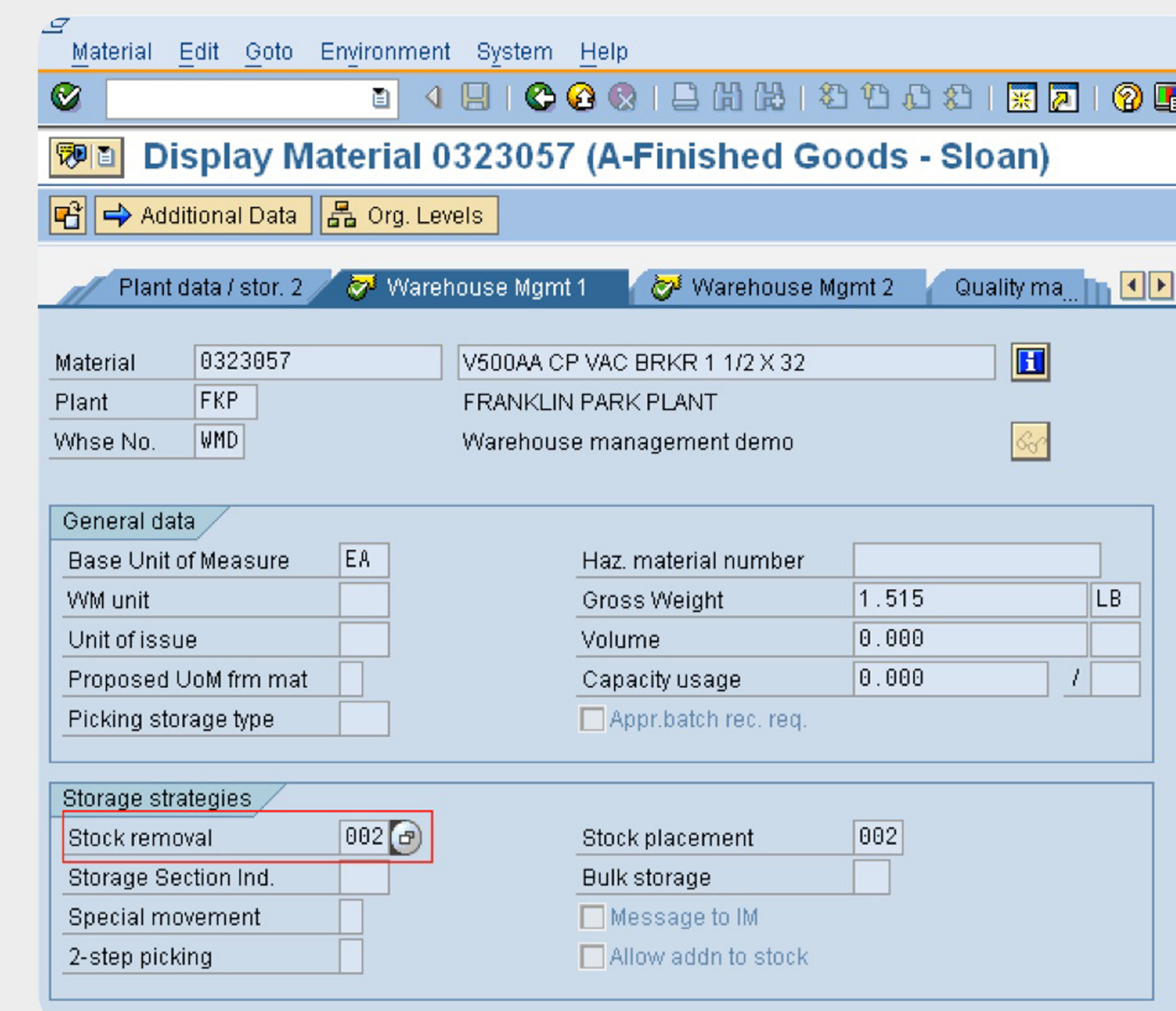


* The darker storage locations were visited most frequently

✂ Warehouse Layout Modificaton ✂



✂ SAP ✂



Material 0323057 V500AA CP VAC BRKR 1 1/2 X 32

Plant FKP FRANKLIN PARK PLANT

Whse No. WMD Warehouse management demo

General data

Base Unit of Measure EA

WM unit

Unit of issue

Proposed UoM from mat

Picking storage type

Haz. material number

Gross Weight 1.515 LB

Volume 0.000

Capacity usage 0.000 /

Appr. batch rec. req.

Storage strategies

Stock removal 002

Stock placement 002

Storage Section Ind.

Special movement

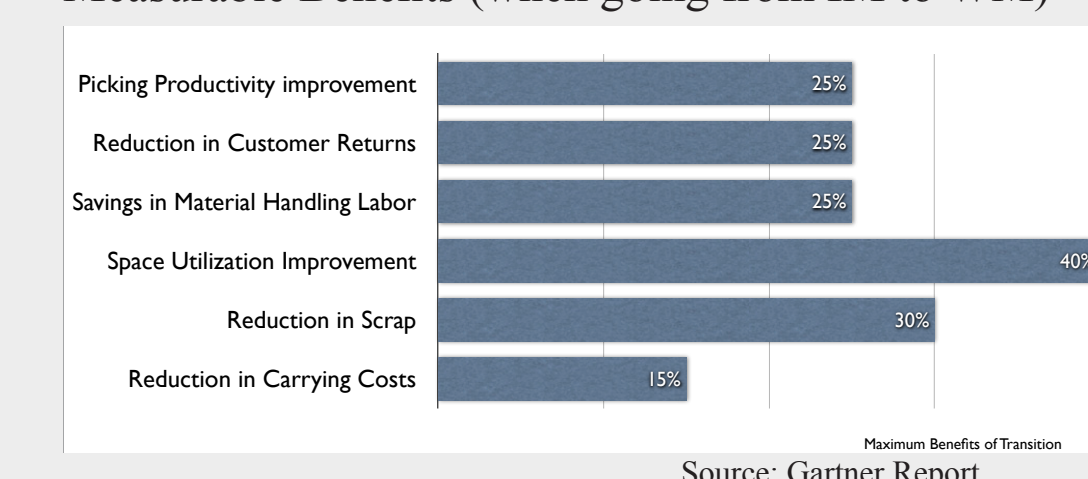
2-step picking

Bulk storage

Message to IM

Allow addn to stock

Measurable Benefits (when going from IM to WM)



BACKGROUND

- Validation of supplier data was being done through email, faxes and phone. Over time, the data became unmanageable and as a result, there was an extensive amount of unnecessary and inaccurate data. This led to inefficiencies in the supply cycle, which in turn adversely affected service levels and production optimization.

PROBLEMS

- Excess, Redundant and Outdated Information about the Suppliers of the Company
- Clarification of the Terminology in SAP
- No Permanent, Efficient Process in Place to Effectively Manage the Supplier Master Data
- Procurement and Production Inventory Shortages

OBJECTIVE

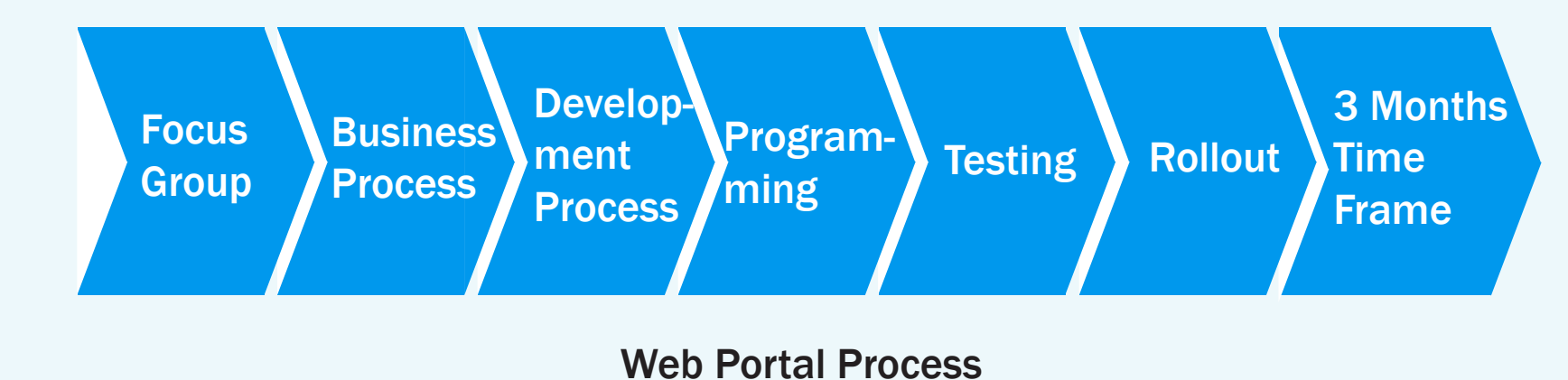
- Evaluate and Optimize Master Supplier Data for the Global Sourcing Department
- Identification and Implementation of an Effective “LEAN” Process for Managing Supplier Master Data
- Integrate “clean” Supplier Master Data into SAP
- Develop and Test a Procedure for Data Integration

[SUPPLIER DATA OPTIMIZATION]

RESULTS

- Clean, Optimized Supplier Data
- Lean, Manageable Process to Maintain Supplier Master Data
- Eliminated Procurement and Production Shortages Caused by Inaccurate Supplier Data
 - Reduction of Past Due Orders
 - Increase in Perfect Order Performance

FUTURE WORK



METHODOLOGIES

