

# Software Requirements *Analysis*

**A Software Requirements Analysis (SRA)** is a systematic approach for documenting the work flow processes in each functional area of your company. Companies interested in investing in supply chain technology to improve their operations need a clear picture of their requirements and how change will impact their operations before embarking into unknown territory. Implementing a supply chain system without ensuring the efficiency of supplementary processes will only cause inefficiencies to run faster. In order to get the ROI that your company is looking for with a technology investment, a detailed plan must be in place to show everything your company needs to keep, modify, eliminate, and add as part of the business process.

## Benefits of the Analysis:

- ✓ Improve throughput with systematic layout planning
- ✓ Streamline operations to enhance profitability
- ✓ Integrate supply chain strategy with corporate strategy
- ✓ Reduce handling costs in storage and order picking
- ✓ Group materials for efficient handling and storage
- ✓ Plan for expansions and new facilities
- ✓ Improve the performance of warehouse and distribution facilities
- ✓ Increase layout planning productivity and effectiveness
- ✓ Apply practical approaches to storage, order picking, packing, and material movement
- ✓ Streamline material flow in warehouse/ distribution center

**Datex provides** a complete and thorough Software Requirements Analysis for all companies looking into the possibility of implementing a technological solution. The analysis will be conducted by highly qualified personnel with years of experience within the industry and will provide a clear picture of the direction you need to take and what is to be expected.

### These are the steps followed by Datex personnel when conducting a SRA:

- ✓ Datex personnel will meet with client's project team and conduct initial site tour.
- ✓ Datex personnel will listen, document information, and clarify the proposed/defined project scope.
- ✓ Datex personnel will develop a project analysis and submit it for approval.



# Software Requirements Analysis

The following is a highlight of all the areas that will be discussed during the analysis:

- ✔ **Introduction – What We Do**
- ✔ **Warehouse Analysis**  
We will dissect the way in which your warehouse operates
- ✔ **Special Considerations and Recommendations**  
We will identify any existing or anticipated issues
- ✔ **GAP Analysis**  
We will recommend how to close GAPs found
- ✔ **Systematic Layout Planning and Design**  
We will recommend any restructuring of the warehouse
- ✔ **Material Handling Analysis**  
Decrease the number of times a product is handled.
- ✔ **Item Accounting Historical Analysis Process**  
Valuation and product history
- ✔ **Best of Breed Recommended Implementation**  
How we can best help you implement a WMS
- ✔ **Recommended Hardware and Barcode Solutions**  
Determine your needs based on environment and equipment
- ✔ **Hardware Site Survey Analysis**  
Determine the quantity and placement for APs.
- ✔ **Special Features of Datex FootPrint® WMS**
- ✔ **Datex FootPrint® WMS Features & Functionalities**
- ✔ **We Turn Your Weaknesses into Competitive Advantages**
- ✔ **Optimization of your Warehouse**
- ✔ **System Integration**  
Detailed explanation  
Timeframe  
Special considerations
- ✔ **Warehouse Management System Payback Analysis**  
Monetary calculations  
Payback savings  
Changes in staffing
- ✔ **Proposal for Customer**  
Support pricing  
Pricing/payment options and policies
- ✔ **Account Management**
- ✔ **Consulting Services**
- ✔ **Training**
- ✔ **Estimated Implementation Plan and Available Resources**