

The Problems we solve

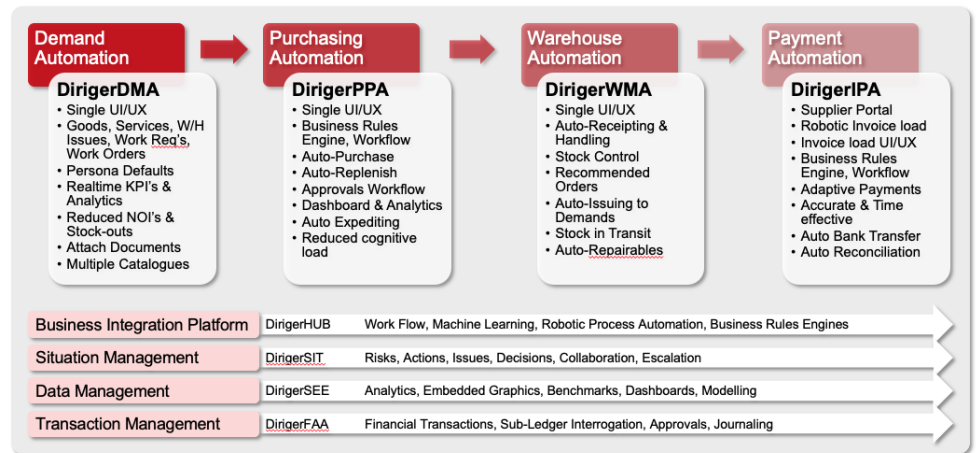
Work Order Demand Stock-outs despite escalating Inventory Holdings

Lack of efficiencies around Manifests, Warehouse Issuing and Acquittals

No visibility of SKU demand levels; their fit, form and function in relation to Assets, Work Orders, Standard Jobs and obsolescence

Our automation of the Warehouse processes with the Diriger Business Rules Engine, *Persona-based* usage, data management, and visualisation capabilities, provides a User Experience that when coupled with a *Google-like* search; allows all relevant Warehouse and Inventory information to be sourced at one time.

Part of Our Suite of automated solutions



DirigerWMA is part of the Diriger automation suite of solutions and can stand-alone if required.

Diriger Warehouse Automation and its Benefits

Our DirigerWMA solution has been designed to automate the business processes that relate to Warehouse and Inventory Management. It uses a configurable Business Rules Engine and *Smart* Persona-based screens to accelerate the standard *Feature/Function* capabilities available in most ERP systems.

The benefits and expected ROI of DirigerWMA are

- Reduction in Receipting and Acquittal processing time by more than 50%
- Inventory Holdings dramatically reduced without putting demands at risk
- DirigerDMA and DirigerPPA provides an even greater supply chain impact
- Visibility of all historical transactions and Master Data shortfalls
- Receipt and Invoice mismatches against Purchase Orders avoided
- Reduction in Work Order backlog due to Stock-outs
- Realtime dynamic business KPI's

50+% Reduction in Processing Time

What we do

Firstly, we optimise Customer Business Processes through automation, business rules engines, and new capabilities

Then we extend Customer ROI by using Agile Development, Agile Deployment, Agile Adoption, and Persona-based data driven decision making

Our Business Process Improvement (BPI) focus

- Supply Chain Processes
- Asset Management Processes
- People Management Processes
- Financial Management Processes
- Persona-based User Interfaces
- Work Force Mobility
- *Google-like* Searches
- Data Driven Decision Making
- Machine Learning Capabilities
- Predictive Statistics
- Data Validation and Visualisation
- Process Optimisation through automation and enhanced digitisation

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Process Overview and Capability

DirigerWMA provides

- Personalised information that makes it EASY for Users; Graphical User-based filters and tables to provide fast, easy access to the right data (agile deployment)
- Flexibly manage Repairable Items in accordance with your organisation's business rules, e.g. for criticality and warranty-based repairables.
- Proceduralise processes with extremely low training burden (agile adoption)
- Support standard corporate business rules and automation of Replenishment Strategies
- Simplify analytics making data dissemination easier, faster and relevant
- Reduce data collection activity; more Relevant and Accurate
- Rapidly search data using a *Google-like* User interface
- Deliver succinct information to a single screen
- UI/UX requires minimum cognitive load

Technology and Innovation with

- Problem solving capability
- Reliable outcomes
- Customer collaboration
- Effective and Ethical approaches

The screenshot displays the Diriger software interface, which is designed for efficient inventory and order management. It features a clean, modern layout with a top navigation bar and a main content area divided into several functional sections.

Receipt List: A table showing a list of receipts with columns for Order, Item, WH, Supplier, SC/IPR, Description, Part Number, S/C, HAZ, Bin Locat..., Ord, Pre Rcpt, DO, Ref, Qty, Rcpt, and Lbl. The list includes various items such as electrical connectors, pumps, and engine mounts.

Catalogue 000943000: A detailed view of a specific item, including its description (CLOTH, CLEANING), class (S - STOCK), unit of issue (EA - EACH X), creation date (2003/04/08), and modified date (2017/10/06 09:14:18).

Company Inventory: A table showing inventory levels for different companies and warehouses. The columns are Company, WH, and SOH. The data shows varying stock levels across different locations.

Warehouse Inventory: A section for managing inventory within a specific warehouse (MAIN Warehouse). It includes fields for Warehouse ID, Warehouse Name, Dues In, Due Out, Stock On Hand, Min Stock Level, and Max Stock Level.

Warehouse Inventory Usage: A bar chart showing usage over time, categorized by Scheduled Usage, Unscheduled Usage, and Other Usage. The x-axis represents dates from 2017/08 to 2018/07.

Recommended Orders: A section for managing orders, including a table for Recommended Orders with columns for Cntr, WH, Type, SC, Created, PC, Qty, Price, Order, Quote, Quote Print, and Description. It also includes sections for Dues In and Dues Out, and a list of Preferred Suppliers.

Diriger Borrowed from Latin *dirigō*, *dirigere* ('to direct'), simplified into a first conjugation French verb

Example SKU management on a single screen