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They are subject to changes and may be available in a Pronto Xi 770 service pack or future release of Pronto Xi.

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On time, every time

Cost-effective.
Streamlined. Optimise your supply chain processes, so you can meet customer demand – every time

Supply Chain gives you complete visibility across your entire supply chain – from planning your distribution and forecasting your stock requirements to managing your warehouses.

A fully integrated suite of products, Supply Chain equips you with the tools to minimise costs through lower inventory and shipping spend, and reduced data errors and administration overheads. You can move and manage your stock entirely within Pronto Xi, reducing paper-based and manual processes.

The Pronto Xi platform can be easily aligned to your supply chain processes via turnkey customisations, ensuring that demand can be matched efficiently to your supply.

Eliminate unnecessary waste by predicting future trends and customer demand with Advanced Forecasting. With advanced statistical methods, smoothing and visualisations, Advanced Forecasting enables you to improve cash flow with lean inventory processes.

If you have multiple warehouse and factories, Distribution Requirements Planning (DRP) is a powerful tool for handling complex networks. It helps to optimise replenishment and implement a time-phased distribution plan, so that you can streamline the flow of stock and information between multiple sites. In addition, Warehouse Management System (WMS) is an intelligent, automated system that gives increased flexibility and tighter stock control to large or busy warehouses. Manage a wide variety of functions, including custom warehouse layouts, top-up, replenishment and putaway routines, wave picking, storage zones, smart dispatch and more.

Radio Frequency (RF) and Scanpack enable a smooth flow of information and inventory throughout your distribution network. RF allows you to electronically transmit orders from Sales to operators' portable devices. By replacing paper-based processes, you can increase productivity and reduce human errors for operations such as picking, replenishments and putaway. At the same time, Scanpack increases the accuracy of order fulfilment and warehouse inventory by allowing cartons and pallets to be scanned and tracked with barcodes.

Delivery personnel can use the Pronto Xi Proof of Delivery App to obtain signatures or capture images to record a proof of delivery. Manifest and package details are readily available, along delivery progress updates.

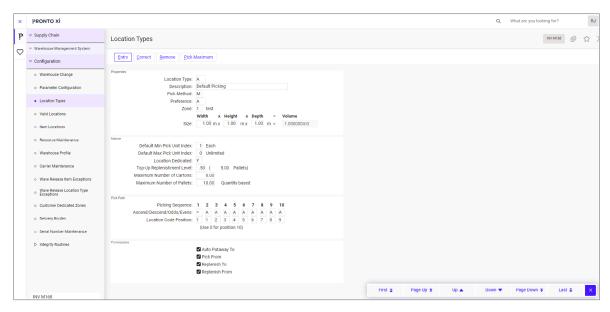
Add further efficiency to your supply chain with Electronic Data Interchange (EDI), which can be used to exchange structured business documents with your trading partners via value-added networks (VAN). Purchase orders (PO), purchase order acknowledgements (POA), advanced shipping notices (ASN) and invoices are all supported for digital interchange.

Catalogue allows you to store and maintain an unlimited number of supplier products and details, including technical documentation. Streamline your processes by creating inventory records directly from Catalogue when you receive the products.

Warehouse Management System

Maximise warehouse throughput and customer service with Warehouse Management System (WMS), which intelligently controls inventory movement into, around and out of the warehouse

Achieve greater efficiency automatically



Identify where items are stored in a warehouse

Among its many functions, WMS facilitates:

- multiple bin locations per item
- flexible three-dimensional warehouse layouts
- user-defined location types
- unit, carton and pallet storage
- efficient picking location selections

- · optimised picking paths
- intelligent top-up, replenishment and putaway routines
- storage zones

The WMS module is fully integrated with other Pronto Xi modules, including Inventory, Purchasing, Sales, Scanpack, Radio Frequency and Manufacturing.











Picking processes

Each location within your warehouse is specified in a three-dimensional coordinated system, giving you total flexibility to accurately describe your warehouse layout.

User-defined locations are supported, including carton live storage (CLS), carousel and manual pick locations. For each item, you can set up as many carton and pallet storage locations as you want, specifying minimum and maximum picking quantities for each location. Inner cartons are also supported.

Optimal picking paths can be specified to guide the picker or replenisher through the warehouse in the most efficient sequence.

Your warehouse manager also has the flexibility to select and prioritise orders to be processed. Orders can be produced in batches that correspond to one delivery from a designated pick-up point in the warehouse.

In addition, a consolidated picking slip can be produced to optimise the process of picking orders, with items sorted according to the most efficient path through the warehouse.

Process rules

WMS gives you the ability to set rules for a particular location so certain processes are adhered to – for example, if there is a bulk location that should not be picked from.

Replenishments

WMS includes a variety of intelligent topup routines, so you can define a threshold percentage that determines when a location should be replenished.

The system supports:

- two-stage replenishment
- queuing of replenishments
- allocation of replenishments to particular users
- manual replenishments
- pre-pick replenishments

It also supports a range of replenishment methodologies:

Automatically generated replenishments

Occurs at the sales order release where shortages are identified, or at the inward putaway release to satisfy shortages of intermediate and pick bin locations.

Manually generated replenishments

Listed on a report or directly accessed by Radio Frequency handheld terminals. These are generated between bulk, intermediate and pick locations.

Multiple replenishments

Fulfilled as batches and carried out based on an optimum pick-and-drop path. These can be further prioritised using an ABC classification structure attached to the item's inventory master record. The pick-and-drop operations can be distinct processes and carried out by different resources.

Forced replenishment

Occurs for a location that may not have reached its trigger point.

Item information

WMS's Storage Details screen allows you to define the attributes of stored items.

Each item is set up with its packaging configuration. Five levels can be defined, ranging from single unit inner and multi-unit outer to pallet configurations.

Dimensions, weights, conversion factor and a Global Trade Item Number (GTIN) can be defined for each unit of measure.

In addition, WMS allows you to define preferred storage zones for each item, which it uses when the inventory location is allocated by an automatic putaway.

You can also define picking methodologies for individual items. For example, WMS may be configured to use first-in, first-out (FIFO) as a picking methodology, although certain items may require the operator to pick based on expiry date.

WMS's Location Enquiry screen delivers important location metrics for each stock item, including location storage capacities, replenishment points and location utilisation percentages. In doing so, it enables you to make informed decisions at receipting, replenishing and putaway time, and to optimise your warehouse processes.

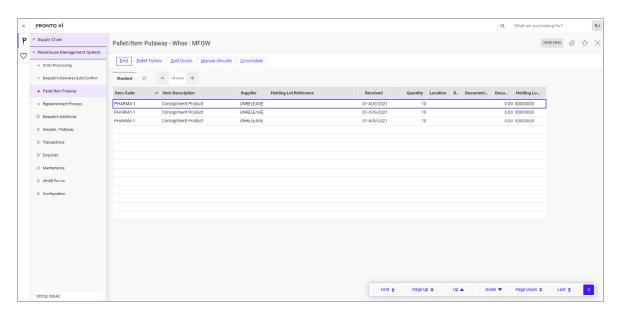












See what is available with Pallet/Item Putaway

Putaway

Incoming inventory is set as "awaiting putaway" by WMS. It is not available for sale until it is moved to a location in the warehouse.

Putaway is a logical holding area for inventory that is awaiting allocation to a "pickable" location. Returns from customers, inventory purchased for specific sales orders, and returns to suppliers are also allocated to "non-pickable" locations.

WMS can automatically allocate a storage location for incoming inventory based on the item's current location, the storage type and its priority. Intelligent putaway routines produce labels that show the locations to be filled. Top-ups can also be performed as part of the putaway process.

WMS supports two methods of bin location controls:

- **Quantity-based** The capacity is defined as a certain number of base units, cartons or pallets.
- Three-dimensional The capacity is determined by height, width and depth.

Goods can be split into appropriate pallet or carton configurations, based on an item's storage details.

Pallet tickets or labels – either with a barcode or without – can be produced at this point to support accurate inventory control and pallet tracking.















Locations and zones

WMS supports a range of different location types and optional zones, providing a flexible way to design your storage.

Using attributes that can be inherited from the location type (e.g. preferred pick method, replenishment level, picking path) or from the zone (e.g. storage type, customer-specific location), you can create a wide variety of storage types and picking methodologies. These include:

- pick bins
- cold rooms
- bulk locations
- bulk stack with last-in, first-out (LIFO)
- carton line storage
- FIFO picking
- carousel
- use-by date (expiry date).

Customer-dedicated zones can be used for reserving inventory, as well as for pre-pick work (for example, price ticketing). If desired, the movement of inventory into customer-dedicated zones can trigger related processes such as the printing of a trading partner's price labels.

Customer-dedicated inventory is taken into account when a sales order entry prompts the calculation or display of available inventory.

Delivery requests

WMS enables you to manage delivery requests with attached delivery dates and times.

The system displays a real-time sorted schedule, showing inventory that is ready to be dispatched, with an indication of pallet size, and the number of pallets or part pallets.

Delivery requests are sorted into a date/ time order, and the schedule is continually refreshed to display up-to-date information. You can select to view all orders awaiting dispatch or orders by customer.



Order picking

For order picking, WMS uses the concepts of "resources" and "pools". A resource can be an order picker or, in some cases, a packer. A pool is a logical holding area for released orders that are waiting for a resource to pick them up.

When you run WMS in paperless mode using Radio Frequency, the resources and pools are used to control the allocation of orders to the various picking staff. For example, pools can be prioritised to have an urgent picking order pool and a general picking pool.

Orders for picking are released to a pool or allocated to a resource and then picked by an appropriate resource. The criteria to release orders for picking include:

- dates (due, earliest and latest delivery)
- priority
- item code
- delivery zone
- customer and customer type
- · bill to account
- order number
- carrier code
- territory
- customer reference.

Picking paths and picking slips can be split by zone, allowing different personnel to pick different areas using varying methodologies for groups or individual orders. Picking paths can be as simple or complex as required.

Wave picking

Wave picking allows you to group multiple orders to be picked as if they were a consolidated requirement, and then deliver the consolidated requirement to a sortation process.

This methodology has a number of benefits, including time savings and resource management.

Smart dispatch

WMS caters for multiple dispatch processes, including individual or multiple order shipments, delivery and route planning, and pallet dispatch.

"Single order dispatch" or "multiple order dispatch" can be selected once the orders have been staged; multiple order dispatch methods include drop sequence and serialised dispatch. Labels and all other documentation can be generated at this time, and confirmation can be done manually or using barcodes.

You can specify whether each order must have a distinct consignment note, or whether orders should be consolidated on a single consignment note.

Carrier manifests can also be created, maintained and printed. In addition, the carrier code and delivery route can be used to select a group of orders that total a required weight or volume (for example, to fill an appropriately sized truck).

Enquiries

The module includes a range of sophisticated enquiry facilities to help you manage your operations and track performance. These include:

- warehouse inventory by location or by item
- warehouse profile view
- full customer information
- full sales order information
- full purchase order information
- warehouse resources.

In addition, you can access a range of inventory item enquiries using the Inventory Enquiry Console.







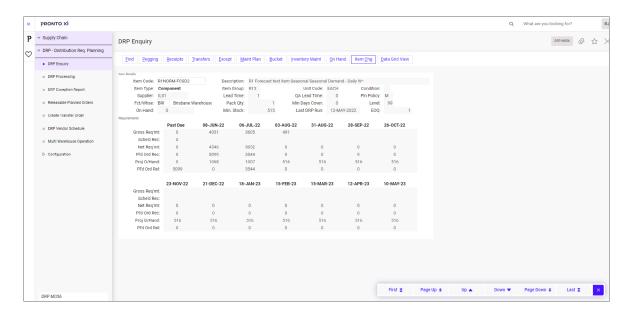




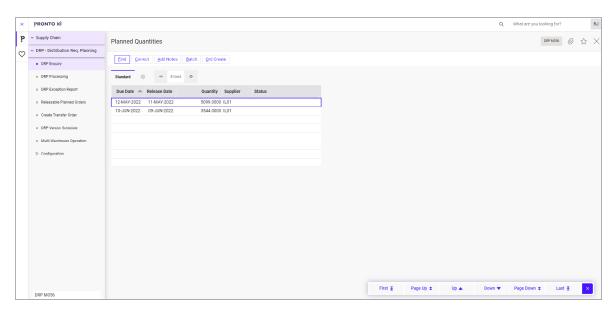
Distribution Requirements Planning

Set up and maintain a truly integrated supply chain with Distribution Requirements Planning (DRP)





Complete the dispatch of all open orders, or display the status of orders for delivery in a single datagrid



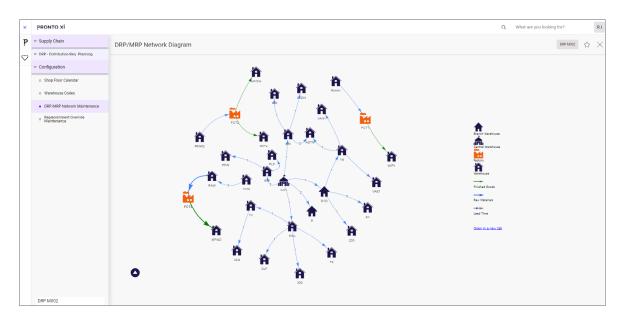
View all planned quantities

Warehouse replenishment

As the number of item codes, suppliers and warehouses increase, so too does the complexity of supply chain management.

DRP simplifies the supply chain by facilitating the efficient replenishment of physical inventory locations. It uses a number of optimisation tools that take into consideration supplier priorities, transport costs, lead times, inventory targets and product costs.

Replenishment can be planned through the normal DRP network, or on an item-by-item basis for products that move directly from the supplier into individual warehouses.



Create a visualisation of your distribution network to see the flow of goods

Time-phased distribution plan

Using a similar model to manufacturing's MRP, DRP provides a time-phased distribution plan with a consistent level of visibility across the entire network of warehouses, distribution centres and suppliers.

Access information quickly, with source documents and inventory data only a single click away from the central DRP Enquiry screen.

Complex networks

To support large and complex networks, DRP now offers the flexibility to acquire any item from any source within the network, such as a supplier, factory, branch or a central warehouse.

DRP processing times have been improved by 20%, helping to drive efficiencies for complex networks. The module also offers an improved ability to manage exceptions when defining centralised and local purchasing rules.

An enhanced network visualisation helps users better identify and navigate source rules across the network in a single view.



Advanced Forecasting

Optimise your inventory management with Advanced Forecasting, which enables you to accurately predict future demand for your products



Advanced Forecasting allows you to consider a number of different factors in your forecasts, such as entered sales orders, goods shipped and inventory transfers (usage). Using this data, the system identifies and tracks trends and seasonal fluctuations

Appropriate smoothing factors are also applied based on a "best fit" method of forecasting. Algorithms include triple exponential smoothing (Winter's Method) and moving averaging. With triple exponential smoothing, past observations are given exponentially smaller weights as the observations get older. This method provides more accurate forecasts when there are expected or known seasonal variations in the data.

Advanced Forecasting offers:

- graphical displays
- exception handling
- ability to expand on exception handling to include history linking and item linking
- trend classifications, including steady demand, seasonal demand, seasonal trends and averaging
- the ability to include service levels
- multiple calculation methods

In addition, Advanced Forecasting offers customer attribute forecasting, which gives you the ability to segment specific customers based on attributes – which, in turn, allows you to forecast based on attribute groups rather than specific warehouse locations. The forecast method can then calculate for each group and aggregate the demand at the planning level.

Advanced Forecasting's sequencing functionality allows you to set up a series of generational requirements as a one-off task, then have them run periodically as defined. This enables you to spend less time preparing data and more time on the planning process

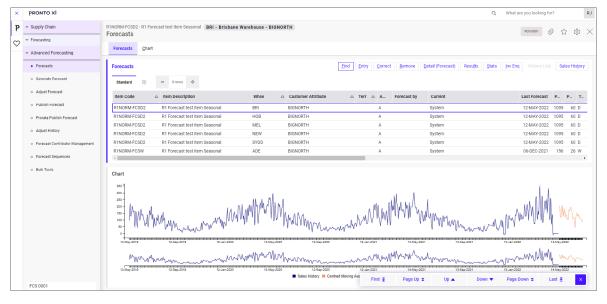
For key market intelligence, the source is the best place to access this information. Advanced Forecasting's contribution process functionality allows you to send data either internally or externally to reviewed and updated, and then simply import it back. This reduces the risk of potential error.

Forecasting system

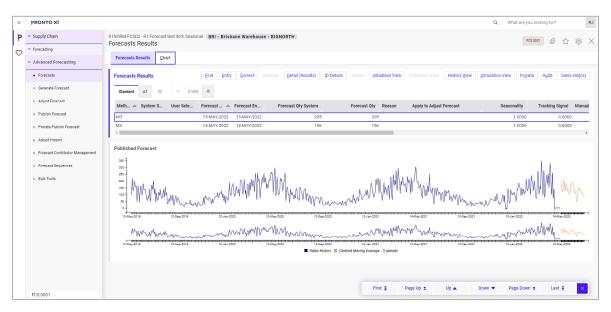
Your forecasting system should be understandable, flexible, simple to use, accurate, robust and integrated. Advanced Forecasting meets all of these requirements – and more.

Understandable

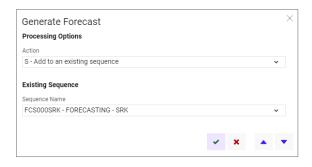
Advanced Forecasting displays calculated and manual forecasts within a chart on the same screen. This makes it is easy for you to determine how suitable any forecast method is for the pattern of sales of any item.



Forecast product sales to plan timely warehouse replenishment



Gain a visual overview of your forecast



Setup and processing are quite simple and can be automated

Flexible

Advance Forecasting gives you the option of daily, weekly, fortnightly, period, and monthly forecast periods.

You can take known market events into account, allowing you to smooth out unusual events from the past and account for anticipated events in the future.

Easily forecast a new item with no history by linking it to a similar item that has history.



Simple

Set-up and processing are relatively simple and can be automated.

Robust

Advanced Forecasting is underpinned by established statistical methods for forecast generation and selection.

Integrated

Advanced Forecasting is part of Pronto Xi's fully integrated suite of solutions. As a result, the data used to calculate your forecasts comes directly from the Pronto Xi's sales operations tools. Once the forecast is published, the results can be used by all the planning and reorder processes in Pronto Xi.

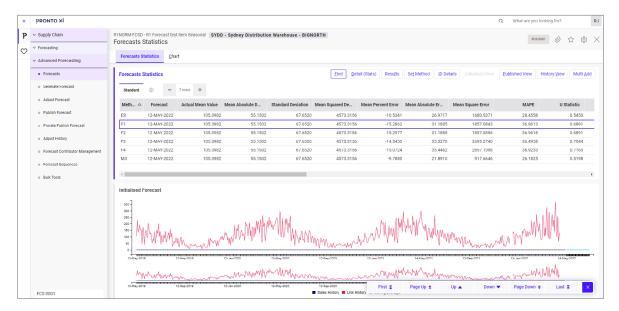
In addition, Business Intelligence (BI) Essentials contains a forecast model containing real-time information that can be used to enhance your reporting and strategic planning processes.

Trends

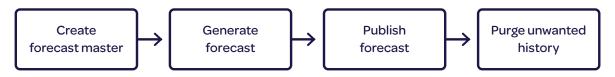
A trend refers to any general change in sales over time. Advanced Forecasting classifies trends in a number of ways, including:

- Steady demand This indicates that the demand for the item is more or less constant over time
- Steady trend This indicates that while demand may be increasing or decreasing, the rate of change of demand (the trend) is constant
- Seasonal demand This indicates that, while demand may vary over time, demand is more or less constant for the same time period each year
- Seasonal demand with trend This recognises a steady trend in sales superimposed over a seasonal demand
- Linear trend This is an amount of increase (or decrease) that is the same over time
- Multiplicative trend This is a percentage increase (or decrease) that is the same over time

Advanced Forecasting determines which of these trends is the best "fit" for each inventory item by creating a forecast based on each trend and then comparing them with measured (actual) demand.



Drill down and understand your statistics further



Create a forecast using Advanced Forecasting

Measures of accuracy

Advanced Forecasting has the flexibility to handle items that do not lend themselves to traditional forecasting techniques. It uses three statistical analysis techniques are to determine the accuracy of the forecast:

- Mean absolute percentage error (MAPE)
 The percentage by which the forecast differs from the actual sales achieved
- U-statistic A comparison of the forecast with the "naïve" forecast (which only uses historical data for the short-term horizon forecasting)
- Tracking signal a comparison of errors in a forecast over time to determine if they are systematic or random

Improving forecasting accuracy

To refine the accuracy of its forecasts, the Advanced Forecasting algorithm incorporates actual data as it becomes available. There are four key steps:

- Modelling Advanced Forecasting develops a model of the sales pattern for each item to be forecast, based on trends, seasonality and random fluctuation.
- Forecasting Using the model, Advanced Forecasting generates new forecasts.
- Feedback Actual data is added when it becomes available to refine the model.
- Performance The forecasts' accuracy is assessed to further refine the model









Electronic Data Interchange

A flexible collaboration tool, Electronic Data Exchange (EDI) facilitates the **electronic exchange of information** with your suppliers, partners and customers

Make sure they get the message



With a clear and comprehensive data structure, standard file format and integrated import/export mechanism, EDI allows you and your partners to effortlessly connect via a value-added network (VAN).

EDI gives you the flexibility and connectivity to leverage your supply chain to achieve common goals with your customers and suppliers, as well as realising new operational capabilities.

EDI's benefits include:

- a fully auditable order trail
- reduced transaction costs
- an easy-to-maintain system
- reduced manual intervention
- flexible invoice exclusion

Connectivity

Pronto Xi specifies standard format files that can be translated by virtually any VAN into an appropriate format, allowing you to choose the VAN that delivers the most cost-effective solution for your business.

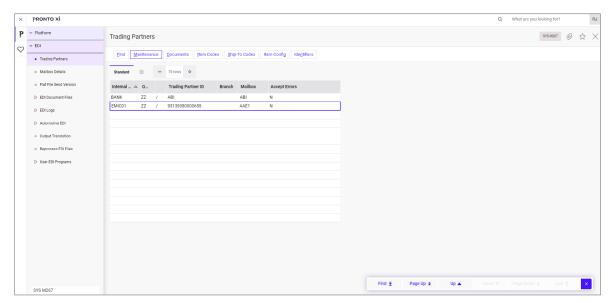
For example, a Pronto Xi file can be converted by the VAN into ANSI X12, EDIFACT, OBI, OCI or XML format, and vice versa.

The VAN controls communication between the parties, data manipulation and mapping, translation and transaction logging. There is also the flexibility to exclude orders from an EDI batch. Documents supported by EDI include:

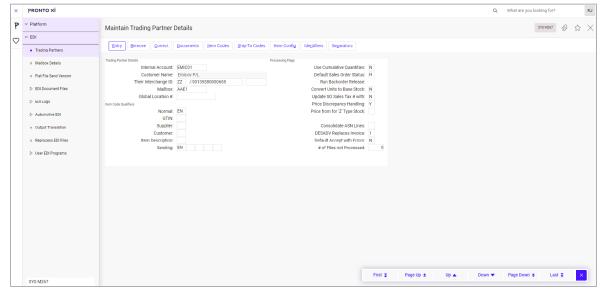
- purchase orders (PO) incoming and outgoing
- purchase order acknowledgements (POA) outgoing
- purchase order changes (POC) incoming
- advanced shipping notices (ASN) incoming and outgoing
- invoices incoming and outgoing.

Trading partners

EDI's flexibility and adaptability means it can fulfil the electronic trading requirements of a wide range of companies. This includes major retailers such as Coles, Woolworths Group, David Jones and many more.



Create trading partners

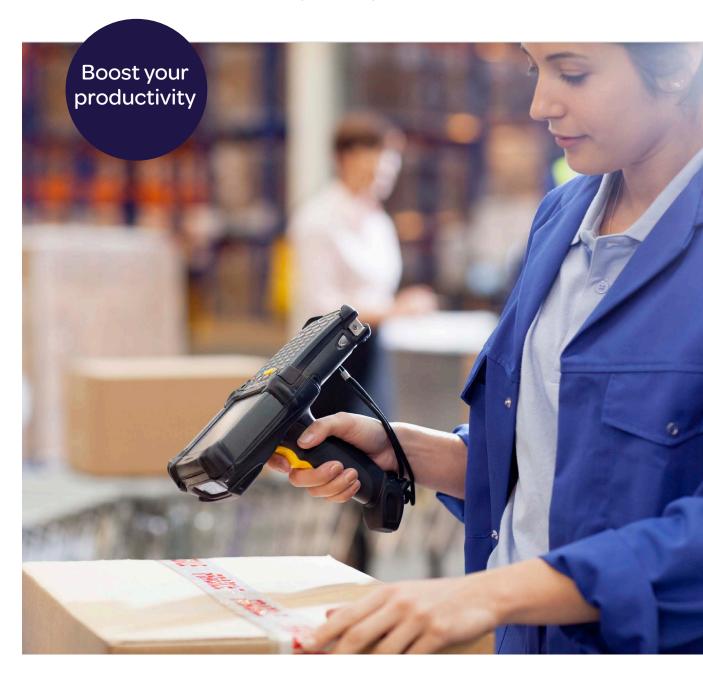


Maintain trading partner details and processing steps



Radio Frequency

Transform your warehouse into a paperless environment with Radio Frequency (RF). By replacing paper-based processes, you can lower administration costs, eliminate errors in standard activities such as picking, and streamline the information flow within your system





Picking goods screen

RF allows you to electronically transmit orders from Sales to your operators' handheld or vehicle-mounted terminals. It also includes options to automate a range of business processes.

When used in conjunction with Warehouse Management System (WMS) or Scanpack, the full range of RF features include:

- incoming goods (including receipts of purchase orders, work orders, stock transfers)
- stocktaking
- putaway
- replenishment
- inventory transfers (both inter- and intrawarehouse)
- store allocations
- picking
- packing
- order dispatch
- stock and location enquiries

Picking processes

A picker can either pick from a pool – which is a holding area for released orders waiting to be picked up – or from an assigned list.

Multiple picking and packing pools can be created and ranked by priority. If the top-priority pool is empty, RF will automatically scan the next pool in the range. The picker is guided around the warehouse using intelligent pick-path information.

When managing multiple warehouses, RF users can also alternate between warehouses to process tasks such as putaways, replenishments and transfers.

Integration and flexibility

By integrating RF with other Pronto Xi modules (such as Inventory, Scanpack and Warehouse Management System), you can easily tailor it to support your business specific needs.

Tasks ranging from stocktaking to processes using more advanced automation – such as picking, putaway and replenishment – are all facilitated with RF's fully configurable menus.

For example, in a large warehouse operation, some staff can be dedicated to stock putaway and replenishment tasks, while others are picking and packing orders. The configurable RF menu functionality ensures that each user is provided with the appropriate interface.



Typically, orders are managed using the following process:

- Electronic Data Interchange (EDI) purchase orders are received from customers with the required quantity and price of each item.
- Purchase orders are converted into sales orders within Pronto Xi. Sales orders are generated by store or distribution centre.
- The required quantity of each item is packed and validated.
- Once a sales order is completed, or when the carton is full, the carton size code is entered into Scanpack and a serialised label is printed.
- The carrier, consignment details, dispatch date/time, expected arrival date/time and transport reference are all recorded in Scanpack.
- Total order weight and volume are calculated. This can be overridden if needed.
- Dispatch documentation is created in Scanpack and a shipment invoice is printed.
- SSCC details are sent back to the customer in an EDI advanced shipping notice (ASN).

Scanpack supports industry standards and is integrated with the Inventory, Warehouse Management System and Financials modules.





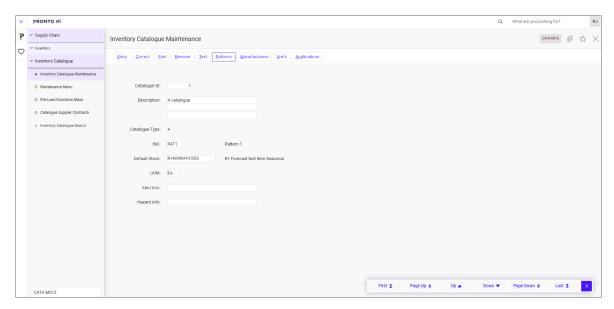




Catalogue

Stay on top of your suppliers' offerings with Catalogue, which can hold thousands of catalogue items – helping you **keep track of products** that aren't captured in Inventory





Search the catalogue for a particular item

Catalogue items can be stored as formatted or unformatted text, and can be cross-referenced to other Pronto Xi modules This means catalogue items can be searched for via inventory enquiries, and new items can be dynamically created as normal inventory master records.

Each catalogue item can hold virtually unlimited information, including technical product specifications, supplier or manufacturer information, prices and part numbers.

Catalogue also allows you to create supplier contracts linked to multiple catalogue items. Once the contract is activated, the agreed prices and contract numbers are captured against the individual companies and the agreed supplier can be given priority-one status.

Expiry dates can be set for each supplier contract, and reports are available to assist in the review of existing and potential contracts.

Pronto Xi Proof of Delivery App

Maintain digital records of goods delivered

to your premises, franchises and customers with Pronto Xi Proof of Delivery App

Loading of goods

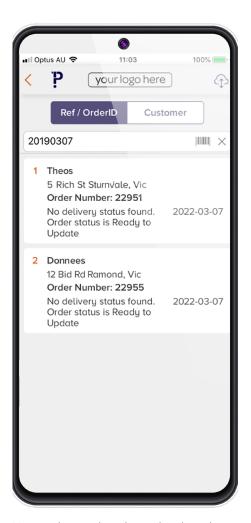
The Pronto Xi Proof of Delivery App includes all the manifest information for a load. Users can add manifest information from within the app to keep administrative staff informed of a load's progress.

All the details of a package – including its contents – are readily available in the app, allowing your staff to double-check every order being loaded into delivery vehicles. If a load fails for any reason, you can record the failure and its cause, so that back-office staff can action it accordingly.

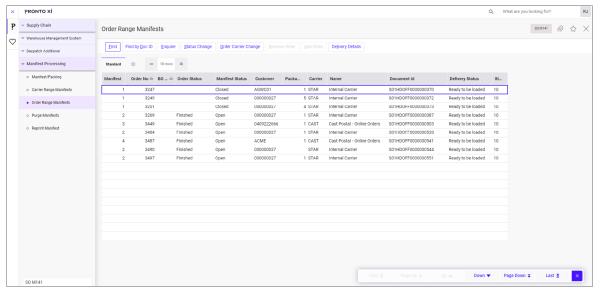
Pick-up of goods

The Proof of Delivery App also supports the pick-up of goods from your warehouse.

Easily identify goods that are ready for pickup using an assigned sales order number or customer number. The app includes all the package's details, including its contents, so your staff can easily check each order. Delivery made easy



View orders and package details in the app



View all your order manifests on one screen

Delivery information

All your deliveries or pick-ups are shown arranged by the nearest destination to your current location.

You can advise the customers of your estimated arrival time based on distance and real-time traffic details from the app's integrated Google Maps functionality. At the same time, your operations staff can remain updated on the delivery status of all your packages.

At the point of pick-up or delivery, customers can sign for confirmation, or you can capture an image as a proof of delivery or pick-up. For failed or partial deliveries, you can record the reasons for this and update the status accordingly, so that the customer can be informed.

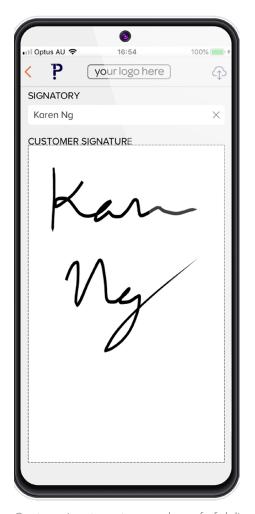


Offline capability

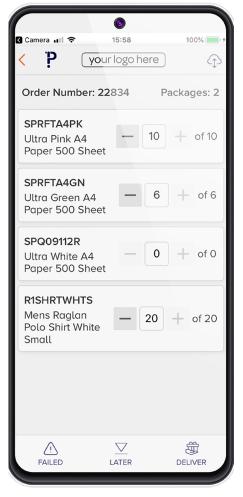
The Proof of Delivery App works offline, meaning you can stay connected if the cellular network drops out while you are on the road.

App administration

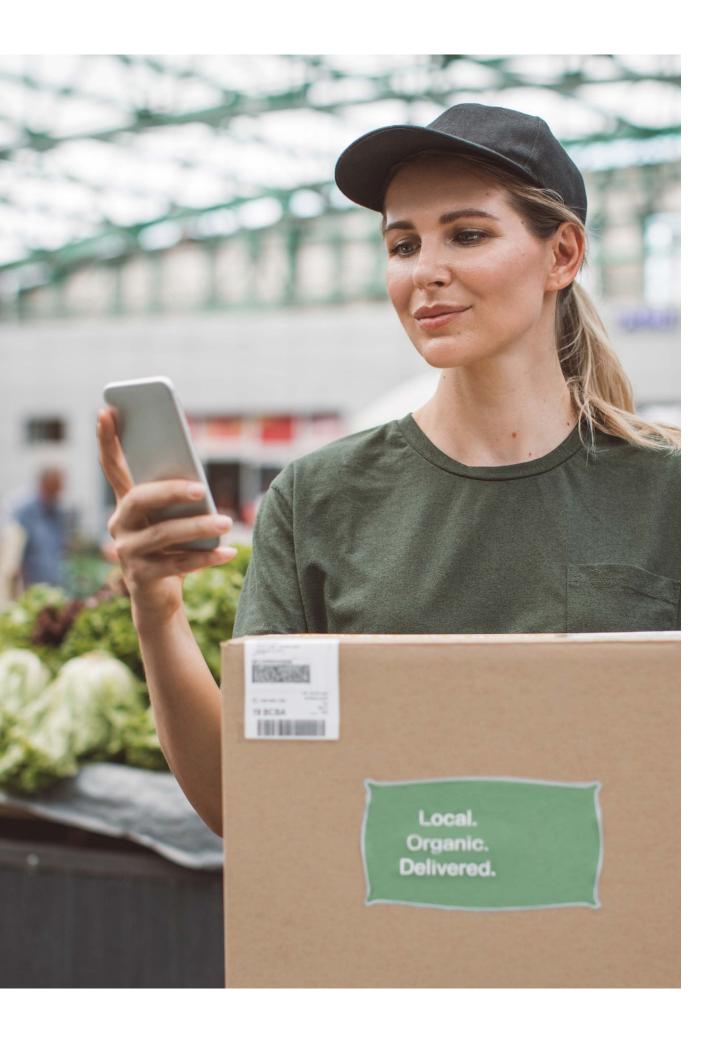
Keep your delivery data secure at all times by registering or removing mobile devices' information in the Pronto Xi back end. Reset passwords, register carriers, track API calls and more — all from a single administration area within Pronto Xi.



Capture signatures to record proof of delivery



View the contents of a package





SOFTWARE

We are an Australian developer of award winning business management and analytics solutions. Pronto Xi, our Enterprise Resource Planning (ERP) software, integrates accounting, operational and mobile features in a single system - optimising business processes and unlocking actionable insights. That's why for more than 40 years, over 1,500 Australian and global organisations, across a wide range of industries, have trusted Pronto Xi to simplify their most complex challenges.

With headquarters and our Development Centre located in Melbourne, we have support offices and consultants based across Australia, as well as a global network of Resellers and Solution Partners. Specialised business units within Pronto Software have the expertise to assist you with pivotal technology -Digital Transformation with Pronto Woven, Cloud and Hosting services with Pronto Cloud and Business Intelligence solutions with Pronto iQ.

When you choose Pronto Software, you gain a team with deep industry experience, giving us the ability to understand your specific needs and build innovative solutions that drive business growth and revenue.

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