

LEADING HEALTHCARE TO A BETTER
SUPPLY CHAIN



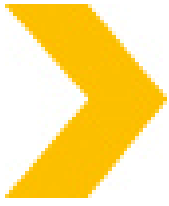
GHX PowerGate

- e-Commerce
- Purchasing
- e-Requisitioning
- Goods Receipting
- Invoicing
- Top-Up
- Inventory Management

From the basic e-Commerce Edition to the full bar-code data capture Materials Management Edition, **PowerGate** offers intuitive and expandable Windows based software.

Designed and developed using Microsoft technology, **PowerGate** provides the extendibility and scalability demanded by today's customers. **PowerGate** applies the business logic required to run an e-Commerce based Supply Chain Management system.

The **PowerGate** range provides an electronic solution to any Purchasing / Inventory Management requirement.



GHX PowerGate

MODULES



e-Commerce

- Sending Orders
- Receiving Invoices



Purchasing

- Catalogues
 - Supplier catalogues and contracts
 - Customer specific catalogue
 - Automatic catalogue creation
- Catalogue based and Free-Form Orders
- Consolidated Orders
- Confirmation Orders
- Scheduled Orders
- Cost Centres, Transfer Points, Account Codes



e-Requisitioning

- via Intranet (Web based)
- Authorisation/Workflow
- Catalogue based or Free-Form
- Order Status Tracking
- Acknowledgement of goods received



Goods Receipting

- Booking In (via bar-coding option)
- Returns
- Put-Away
- Automatic creation of GRs from web acknowledgement



Invoicing

- Invoice Matching
- Credits Notes
- Ledger interfaces
- Purchase Ledger/AP - Matched Invoices
- General Ledger - Accruals, Commitments



Top-Up

- Locations
- Bar-code data capture
- Stock Taking



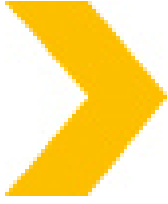
Inventory Management

- Managed Stores
- Stores Replenishment
- Stores Requisitions
- Stock Issues/Transfers/Returns
- Picking Notes, Bulk Picking Notes
- Continuous Stock Counts
- General Ledger interface – Issues/Returns



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e-Commerce Module

PowerGate e-Commerce Edition is a low cost, PC based, electronic trading system. It has been developed using the latest Microsoft technology to provide a user friendly but sophisticated and powerful tool for sending and receiving trading documents, such as orders and invoices.

The potential benefits of electronic trading are significant:

- Increased accuracy of data
- Fewer keying errors
- Reduced supply chain cycle time
- Reduced costs
- Reduced paperwork
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PowerGate is a true “open” system that allows you to trade with any supplier, distributor or wholesaler electronically.

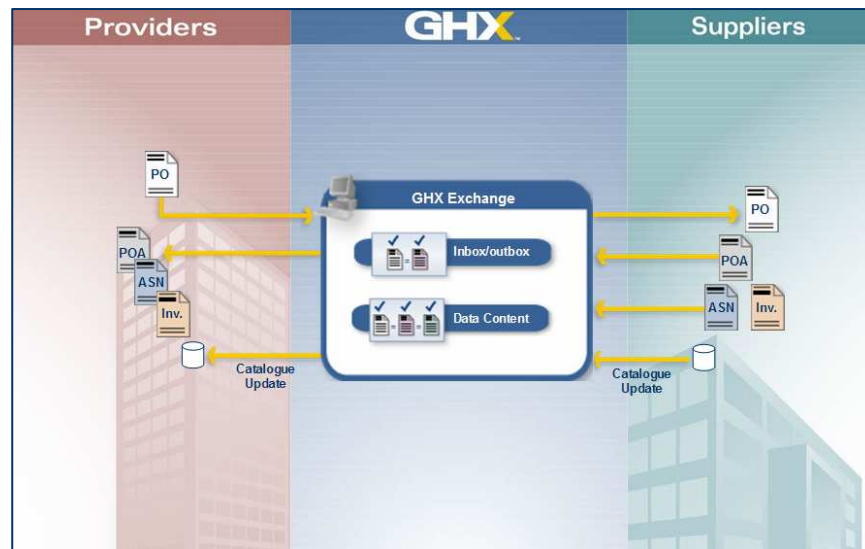
If PowerGate is not being used as your purchasing system then Orders can be imported from an external system via various methods such as FTP, ODBC, network path etc.

PowerGate has separate Supplier Catalogues containing Supplier Product Codes, Descriptions, EANs and other information including Contract Prices where supplied. Many supplier catalogues can be pre-loaded onto the system and regularly updated.

PowerGate allows you to Match your product to the relevant supplier's product.

Once the order is created it can be sent to the supplier electronically using the GHX Exchange. There is also an electronic FTP link to the NHS Logistics eDC system.

e-Invoices can be received from capable suppliers. If PowerGate Invoicing is not being used then the invoices can be exported to an external Invoice Matching system.



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Purchasing Module

PowerGate Purchasing Edition offers all the benefits of the e-Commerce system plus the ability to create Purchase Orders and Requisitions. There is also the option of Goods Receipting and Invoice Matching.

Products are stored in catalogues and can be linked to Financial Account Codes, Product Groups and Preferred Supplier.

Ordering utilises Supplier Catalogues and Contracts where applicable. Free-Form Orders can also be entered.

Catalogues can be created automatically based on regular analysis of free-form orders.

Orders can be keyed-in directly or created from Requisitions which facilitates Order Consolidation.

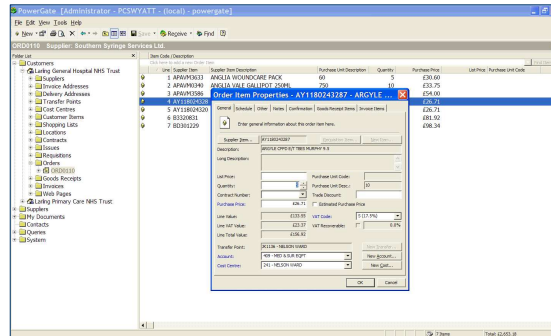
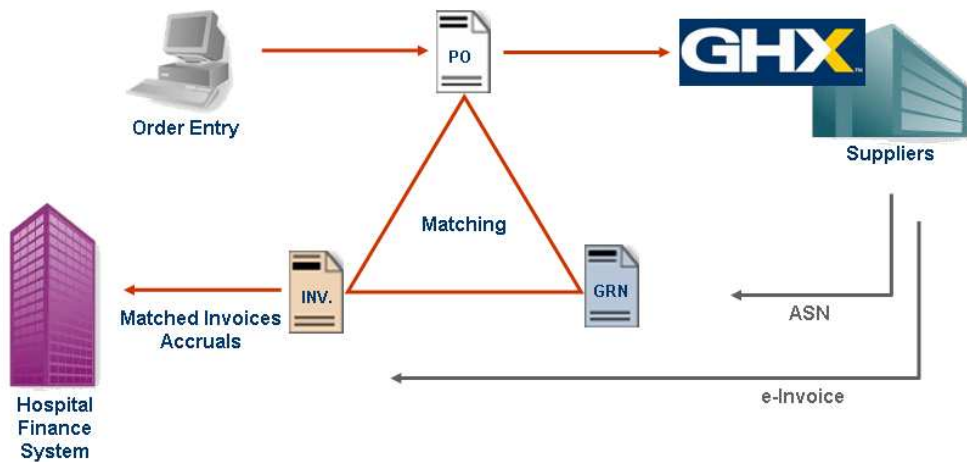
Purchase Requisitions can be entered directly or may come in from PowerGate*Web, our web-based e-requisitioning tool, or from bar-coded Top-Up, or from Stores Replenishment.

Orders can be flagged as Confirmation Orders. They can also be marked as Receipt by Value where goods-receipting is enabled.

An order line can be given a Delivery Schedule which only creates a commitment as and when the scheduled dates arise.

As the data builds it can be analysed using valuable Management and Analysis Reports e.g. Order Analysis by Cost Centre, Transfer Point, Account Code etc.

Purchase Orders can be exported to an external system if required.



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e-Requisitioning Module

PowerGate*Web is a web-based application designed for use in conjunction with PowerGate. It is a simple browser-based tool for e-requisitioning.

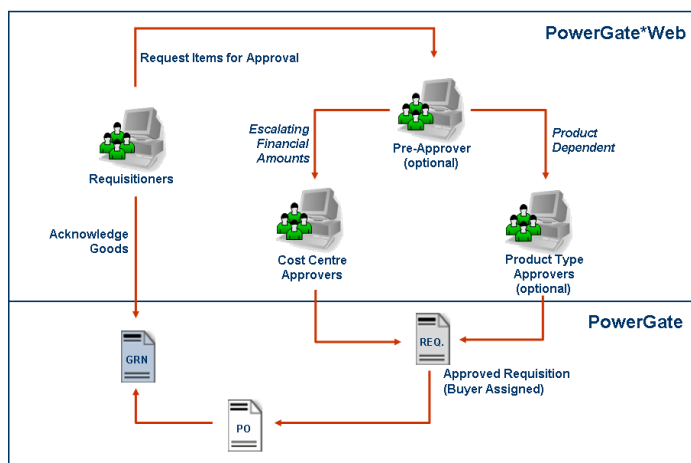
All of the set-up is controlled in PowerGate itself, normally by the purchasing dept. This allows control of which catalogue items requisitioners can see, which cost centres they are authorised to, who has to approve their requests, who the assigned buyer will be, monetary limits etc.

The functionality within PowerGate*Web includes:

- search main catalogue
- personal Favourites, public Shopping Lists, Recent Items
- add items to "Shopping Cart"
- key in free-form text if permitted
- send requests(s) to be authorised
- multi-level approval stages
- order status tracking
- acknowledgment of goods received

Once approved, Requisitions are created in PowerGate itself. From here onwards Purchase Orders can either be automatically created or may require Buyer intervention.

Remote Requisitions can also be created by entering quantities against a pre-determined list of items in an Excel spreadsheet and sent to PowerGate via e-mail. This is a useful form of remote Top-Up where bar-code data-capture is not an option.



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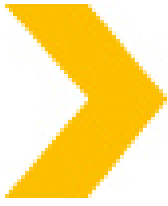
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Goods Receipting Module

The Goods Receipting module is an option for any edition of PowerGate.

Goods are receipted against outstanding orders. The process allows for partial delivery or final delivery and information such as supplier Delivery Note number and Notes can be entered. Once released, an Accrual is created.

Goods Receipts can be automatically created from acknowledgement of goods received by remote requisitioners using PowerGate*Web.

Goods can be receipted by value for orders marked to allow this.

Goods can also be booked-in via bar-code scanning using the Receipting Copy of the purchase order which displays bar-codes.

When goods are booked-in for orders generated by Stores Replenishment the stock levels in the store are increased accordingly and a Put-Away note can be generated.

Goods can be returned using the Create Goods Return function against the original Goods Receipt.

Goods Receipts can be exported to an external system if required.

Invoicing Module

The Invoicing module is an option for any edition of PowerGate which includes purchasing and goods receipting, even where receipts are generated automatically via web acknowledgement of goods received.

Invoices are created against outstanding orders. Invoices can be entered via the screen or may come in electronically from those suppliers who can send electronic invoices.

Once entered (registered), invoices are released for invoice matching. If the invoice fails to match e.g. price outside of tolerance then it is included on a report which lists matching errors and who is to action e.g. buyer to verify price, creditor to chase credit note etc.

Credit Notes can be entered against Invoices (for overcharges) or against Goods Returns (for returns).

The system caters for all the usual invoicing issues – prices, quantities, carriage, VAT rounding, other charges/discounts, early payment settlement discount, VAT Recovery etc.

Matched Invoices are usually exported to an external Accounts Payable, Purchase Ledger or General Ledger system. Accruals and/or Commitments can also be posted.



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Top-Up Module

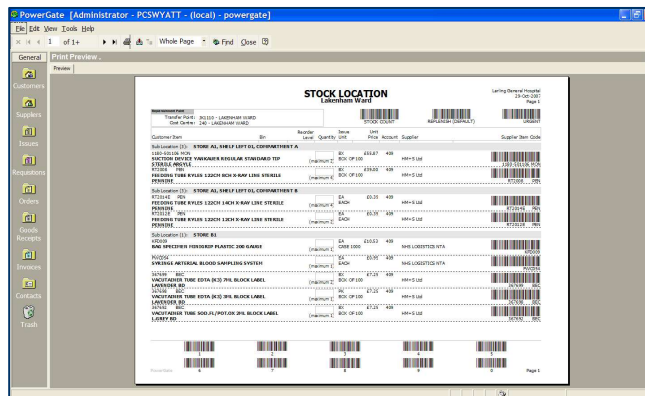
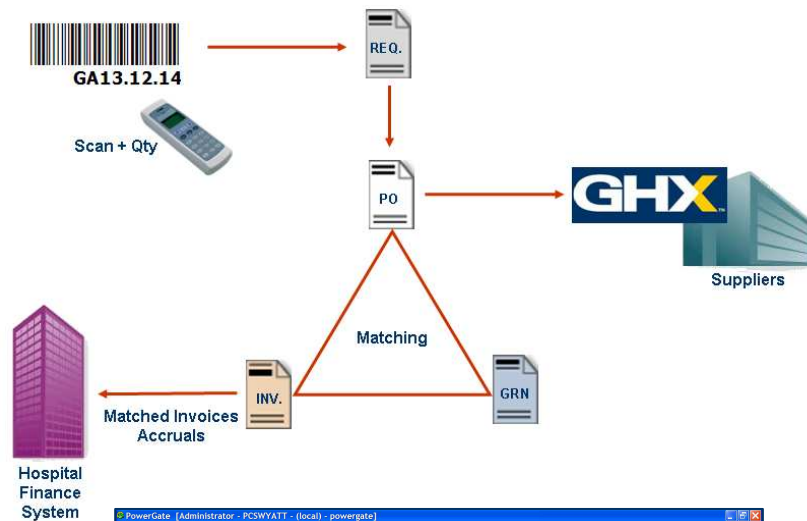
PowerGate Top-Up Edition offers all the benefits of the e-Commerce and Purchasing systems plus the ability to capture requirements through bar-code data-capture. There is also the option of Goods Receiving, Invoicing and PowerGate*Web.

PowerGate provides you with one system to do all your Top-Up, regardless of who the supplier of the goods is.

Locations can be created and populated with Items. Each Location is linked to a Cost Centre and a Transfer Point. Each item has it's own Stock Control Policy regarding Maximum Stock Levels, Re-Order Quantities etc. Once Locations have been set-up, bar-coded sheets or labels are produced.

Using bar-coding devices, data can be captured remotely by scanning the bar-coded sheets or labels. Quantities can be scanned as Observed Quantity and allow the system to calculate the Top-Up amount or you can just scan the Quantity Required.

Once the data has been received into PowerGate via a datawell, Requisitions are automatically generated. From here onwards Purchase Orders can either be automatically created or may require Buyer intervention.



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Inventory Module

PowerGate Materials Management Edition offers all the benefits of the e-Commerce, Purchasing and Top-Up systems plus Materials Management and Stock Control. There is also the option of Invoicing and PowerGate*Web.

The Materials Management Edition offers a complete supply chain solution including electronic issuing, requisitioning, purchasing, goods receipting, invoicing and stock control.

Stock can be issued at the point of use either manually or using bar-code data capture. The Issues created give an accurate cost of that usage.

If a stock item is to be replenished internally e.g. from a Store, then the automatic Replenishment process will generate a Stores Requisition with Picking Note. The stock can then be physically transferred and updated on the system.

This Materials Management cycle builds up data that can be analysed using valuable Management and Analysis Reports e.g. Issue Analysis by Cost Centre, Transfer Point, Product Group etc.

For those items that are not replenished internally e.g. Stores items or direct delivery then the automatic replenishment process will generate Purchase Requisitions.

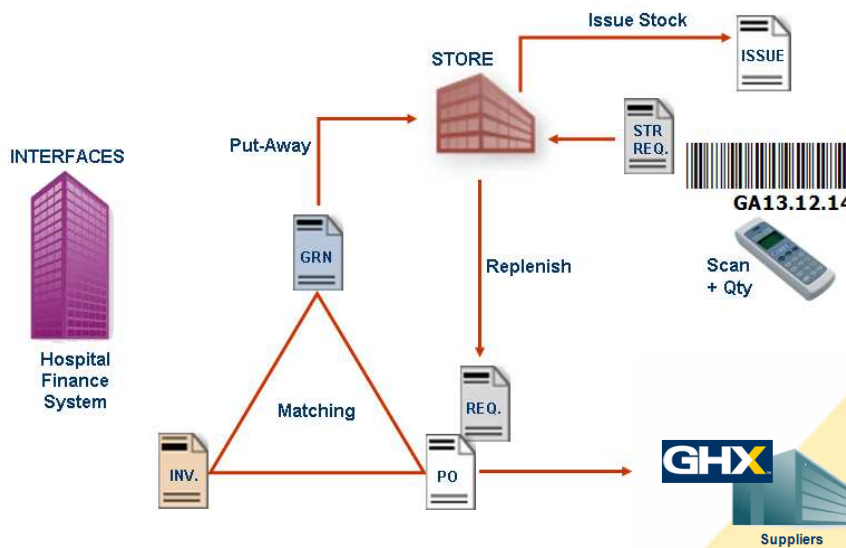
From here onwards Purchase Orders can either be automatically created or may require Buyer intervention.

Once the goods are physically delivered they can be Booked-In via bar-coding data capture or screen entry. The Goods Receipts generated produce Put-Away Notes indicating where the stock needs to be put away.

Supplier Invoices can be received electronically or entered manually. Once created, Invoice Matching will attempt to reconcile the Order, Goods Receipt Note and Invoice.

PowerGate holds Stock on-Hand, Stock Committed and Stock on-Order values providing an accurate Stock Valuation at any time for any Stock Location.

PowerGate Forecasting will "learn" about information such as lead times and demand. It can start to recommend values such as economic order quantities, maximum stock levels, safety stock levels etc. Stock Issues and Returns can be posted into the General Ledger of the Finance system.



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Multi-Customer

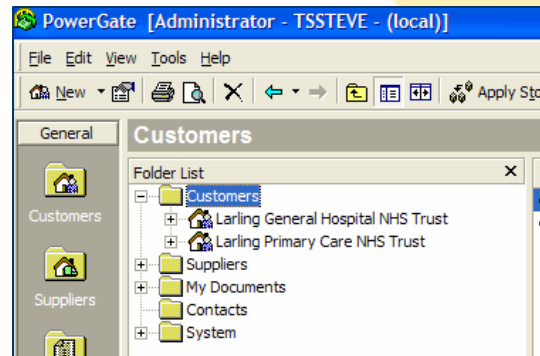
PowerGate has an optional multi-customer facility which facilitates the sharing of the system between multiple customer entities e.g. NHS Trusts.

The common supplier related data is shared i.e.

- supplier file
- supplier catalogues
- contracts

Each customer has its own separate data set for:

- cost centres
- account codes
- supplier creditor numbers
- invoice and delivery addresses
- transfer points
- internal customer catalogue
- shopping lists
- stock locations and managed stores
- documents (requisitions, orders, GRs, invoices etc.)



This set-up also facilitates different financial system interfaces for each customer entity.

Reporting

As well as being functionally rich, PowerGate has a comprehensive Management and Analysis Reports suite.

PowerGate utilizes Crystal Reports to generate these reports which can be viewed on-screen, exported (e.g. to Excel) or printed.

The reports wizard allows you to enter detailed selection criteria before generating the report. Standard Reports can be customised and third party reporting tools such as Business Objects, Cognos, Access, Excel etc. can be also be used.

Special ad-hoc reports can be generated via system SQL queries and the data returned into text or Excel files. Remote Queries can even be submitted via e-mail and the data returned in an attached file (Excel).

