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ABOUT GHX

Leading the way to a more efficient Healthcare Supply Chain

Global Healthcare Exchange (GHX) is a leading provider of SaaS cloud-based software solutions that help automate the healthcare supply chain.

Building on decades of collaboration between providers, manufacturers, distributors and other industry stakeholders, we are leading the way in helping organisations run the business of healthcare.

By automating key business processes and translating data into meaningful action, we help the healthcare ecosystem to move faster, operate more intelligently and achieve greater outcomes. With support from GHX, healthcare organisations worldwide have removed inefficiencies and saved billions from the cost of delivering healthcare.

Through our electronic exchange platform, we connect over 1,500 healthcare providers and over 350 suppliers across Europe, and more than 4,100 providers, and 600 manufacturers and distributors in North America – creating the biggest global network of healthcare supply chain trading partners.

102,087,553

POs and invoices processed globally (over a 12-month period 2019 – 2020)

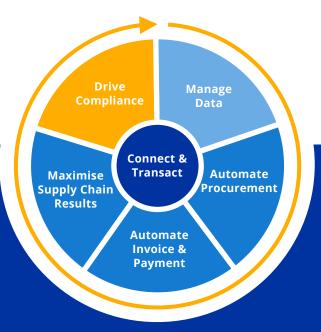
1,500+

Number of healthcare providers **Europe**

350+

Number of healthcare suppliers **Europe**

The GHX Network



PROVIDERS



Streamline and automate order processes delivering time back to patient care

Access to the latest and most accurate contract pricing data

Ensures purchases are made on contract and take advantage of contract pricing

Access to over 85% of the medical / surgical market through one access point

GPOs



Flow standardised catalogues and contract pricing to members

Ability to deliver their providers a solution with access to over 85% of the medical / surgical market through one access point

Visibility of members' purchasing behaviour

Data to support their primary revenue source of admin fees

MANUFACTURERS



Access to customers

Ability to deploy standardised catalogue to their customers and standards bodies (UDI, GDSN)

Reduces costly errors and delays

Intelligence tools for eliminating inefficiencies in the supply chain and better understanding customer purchasing trends

DISTRIBUTORS



Connects both sides of supply chain

Access to customers

Standardised catalogue

Reduces costly errors and delays

Intelligence tools for eliminating inefficiencies in the supply chain and better understanding customer purchasing trends

Critical mass of data and participants

Neutral bridge between trading partners

End-to-end visibility

One-to-many connections





GHX worldwide

GHX was founded in 2000, by five of the world's largest medical product manufacturers — Johnson & Johnson, GE Healthcare, Baxter International Inc., Abbott Laboratories and Medtronic, Inc.

GHX is privately owned, operates in the United States, Canada and five European countries, and employs more than 900 people worldwide.

Our European headquarters is in Brussels, Belgium, and we have offices in Cambridge (UK), Düsseldorf and Königstein (Germany), Baar (Switzerland) and Hilversum (Netherlands).

Our global headquarters is in Louisville, Colorado, just outside of Denver, with additional offices across the United States.

Our solutions

For the last 20 years, we've made it our business to provide our customers with the latest healthcare supply chain solutions, to help them automate and simplify their processes, achieve better operational efficiency and reduce the cost of delivering healthcare.

Drawing on our knowledge and experience of working with a wide range of healthcare manufacturers, distributors, providers and group purchasing organisations, we develop solutions and services designed to address the unique challenges faced by stakeholders within the healthcare supply chain.

Our range of products includes advanced software solutions and added-value services for procurement, order management and compliant e-invoicing and payments.

EXCHANGE SERVICES

With GHX Exchange you can send and receive compliant and regulatory approved electronic business documents – including purchase orders, purchase order acknowledgements, advance shipping notices and invoices – quickly and easily, removing the need for time-consuming manual processes and giving you more control of your supply chain.

Our electronic trading exchange is an advanced e-commerce platform exclusively focused on healthcare, facilitating the efficient transfer of over 100,000 orders and invoices across Europe every day.

As a Peppol-certified service provider, we enable the efficient transfer of documents across the Peppol eDelivery Network in line with the Department of Health and Social Care's mandated requirements for the adoption of Peppol in England.



Automate your supply chain, make your business processes more efficient and get greater visibility of your transactions by joining GHX Exchange; the largest healthcare trading platform in the world.

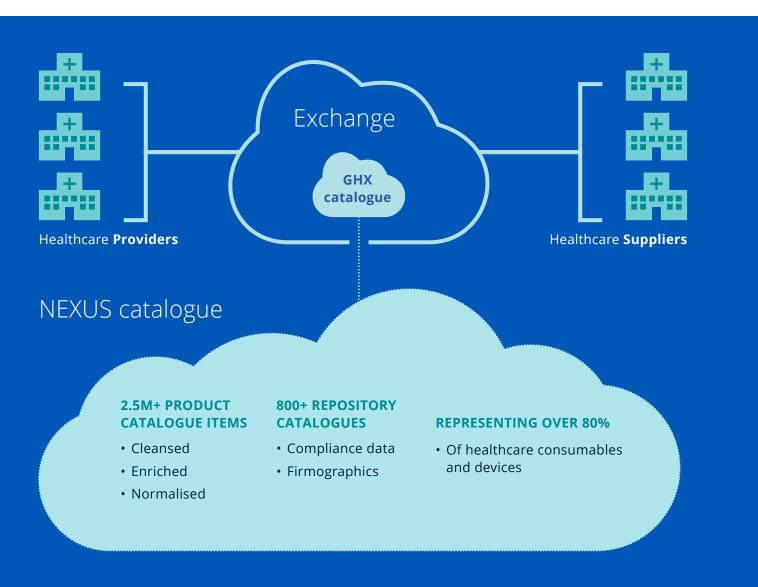
- The only healthcare focused pan-European platform
- Electronic network connecting providers, manufacturers, distributors and GPOs
- · Peppol certified service provider
- · User-friendly interface
- Data dashboard giving real-time order status
- Full visibility of the entire order workflow
- Intuitive filter and search functions

- Fast, integrated and scalable e-commerce platform
- Real-time visibility of the status of your orders
- Intelligent routing of orders in the correct formats to meet suppliers' requirements
- Manage even the most complex healthcare transactions electronically
- Connects seamlessly with your existing IT infrastructure

CATALOGUE MANAGEMENT

NEXUS

The most comprehensive supplier managed catalogue available in healthcare.



Critical mass of connected trading partners and high quality, accurate data critical for success with network-based models

Managing catalogues and product information from multiple sources can be a time-consuming, manually intensive process that leaves healthcare providers open to order and invoice errors.

NEXUS is a cloud-based catalogue management system that hosts more than 800 repository catalogues.

Our easy to search, web-based user interface gives you access to more than 2.5 million approved catalogue items, as well as the ability to upload your own catalogue information and contract data.

Prices and item details, including GTIN, are maintained directly by suppliers both through the system and via GDSN, with automatic notifications to let you know when updates are published.

NEXUS can also connect with your existing ERP system, allowing you to accept or reject supplier updates and publish them to any requisitioner in your organisation, for more accurate ordering, improved invoice matching and better contract compliance.

- Simple user interface to upload and manage data
- Supports supplier and buyer managed content
- · Access to supplier GDSN data
- · Cloud-based data storage
- · Greater visibility of shared data

- Improved:
 - · Contract management
 - Procurement
 - Supply chain management
- GS1 compliant GTIN validation supports Scan4Safety
- Automatic order validation, to help reduce errors and improve order fulfilment

REQUISITION AND INVENTORY MANAGEMENT

GHX Procure

GHX Procure is a suite of modular, cloud-based requisition and inventory management tools that seamlessly integrates the user experience of a consumer web shop with powerful workflow, approval and stock management processes.

Access over 2.5 million healthcare products through our NEXUS catalogue, manage your purchasing requests and approvals with GHX Procure Requisition Manager and improve your stock management with GHX Procure Inventory Manager.

Supports the **DHSC Scan4Safety** initiative

Incorporates **Scan4Safety** catalogue item attributes (e.g., GTIN)

Helps you meet your

Model Hospital

Procurement Metrics

And with seamless integration into your existing ERP or finance system, GHX Procure brings all these benefits with minimal disruption to your existing IT systems.

Designed to help you increase the efficiency of your healthcare supply chain, GHX Procure provides all you need to achieve smarter, more efficient procurement and inventory management.

- Easy access to your GHX NEXUS item master data
- Centralised visibility helps reduce variance and control spend
- Supports single hospital through to STP/ICS (multiple sites)
- · Right product at the right price purchasing
- Drive significant efficiencies in your supply chain
- Seamless integration into your existing ERP or finance system

GHX Procure Requisition Manager

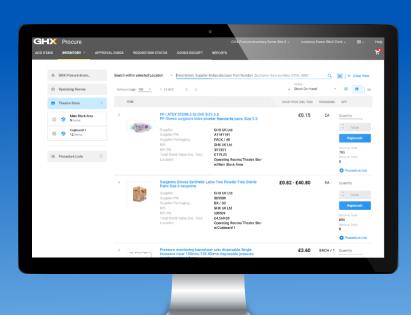
GHX Procure Requisition Manager provides access to enriched item data, a streamlined approval workflow, product fulfilment, supplier catalogues and handles all requisition types including implant and case management. This is a comprehensive requisitioning solution for unparalleled visibility and transparency into overall supply spend, to more easily identify non-file and off contract purchases.

Key features and benefits

- User-specific access responsibilities and views supporting greater spend control
- Drive on catalogue spend and contract compliance
- Uses the most up-to-date catalogue and pricing data
- · User-friendly item search experience

- Highly advanced and customisable approval workflow
- Easy to use shopping and favourites lists (dynamically maintained)
- GDSN-sourced data and supplier web shop interfaces for your requisitioners

Intuitive user experience



GHX Procure Inventory Manager

GHX Procure Inventory Manager is designed to help improve patient safety and deliver Scan4Safety capability; giving healthcare providers greater visibility of stock, helping to reduce the risk of over ordering, prevent wastage, speed up recall and save on costs and clinical staff time.

Developed for use across clinical teams, facilities management, finance and IT, GHX Procure Inventory Manager can help you meet all your inventory management needs in one intuitive platform.

- Visibility of stock within and across hospitals and STP both on screen and through intuitive live dashboards and reports
- Standardised processes for more efficient stock replenishment, stock counts and goods receipting
- Automated stock management track the quantity and value of stock you hold, to reduce over ordering and maintain levels based on your hospital's requirements
- Supplier management data easily identify incomplete, incorrect, delayed or missed deliveries

- Batch recall, expired stock and stock out notifications to improve batch traceability and reduced wastage
- Integrates with your existing ERP for seamless stock requisition and purchase order generation
- Identify patient and procedure level costs, combined with consultant comparisons
- Track and charge items to procedural costs

CASE STUDIES

Find out how GHX products and services are helping our healthcare customers transform their procurement processes.

NHSScotland - Transforming inventory management across an entire health system

View case study

Leeds Teaching Hospitals - Deploying solutions for data and contract management and adopting GS1 standards

View case study

Norfolk Community - Streamlining procurement across a geographically dispersed Community Trust

View case study

You can find more case studies on the GHX website.

For more information on GHX's suite of industry-leading, cloud-based supply chain solutions, visit ghx.com/europe



SUPPORTING INDUSTRY ADOPTION AND USE OF GLOBAL DATA STANDARDS

We work with organisations across the healthcare industry to help shape and implement global data standards that meet market specific requirements, bring greater efficiency, increased trust and reliability to the healthcare supply chain, and ultimately lead to better patient care.

We partner with standards setting bodies such as <u>GS1 Global</u> and GS1 member organisations to help enable quicker industry adoption of the agreed standards.

GHX is a member of the <u>European Einvoicing Service Providers Association</u> (EESPA) – the European trade association drawn from organisations that provide network, business outsourcing, financial, technology and EDI services.

As a Peppol certified service provider, GHX enables the efficient transfer of electronic documents across the Peppol eDelivery Network. We actively contribute to the <u>OpenPeppol</u> community, working with our cross-industry counterparts to help clarify specifications and processes in support of the continuing implementation and success of Peppol.



OUR SERVICES

At GHX, we understand that the services we provide to the healthcare supply chain community are critical. Healthcare providers, suppliers, distributors and group purchasing organisations rely on us. Our sales, consulting, solution delivery and customer service teams work closely with customers to provide expert information and technical support to help meet your current and future needs.

Sales

The GHX Sales team are the first point of contact for customers, providing product information and expert industry knowledge to make sure you have the right solutions to meet your business requirements. Your GHX Account Manager is on hand to support your GHX customer journey from the beginning, for everything from contract design and product set up to ongoing communication to pro-actively support your current and future requirements.

Solution Delivery

The GHX Solution Delivery specialists are responsible for the implementation of all GHX solutions. Our team of Technical Account Managers will manage the end-to-end process of setting up your product, providing in-depth technical and project management expertise to help ensure a successful delivery.

Service Monitoring

GHX systems are continuously monitored with a comprehensive set of automated system and business activity monitors. Customer and technical support teams are ready to respond to major service interruptions 24/7/365.

Consulting

The GHX Consultancy team provide expert knowledge in the technical challenges of achieving P2P and Scan4Safety efficiencies, as well as the strategic, procedural and data elements. Skilled in process review and project management, they offer an in-depth knowledge of both sides of the healthcare supply chain. By identifying business improvement, systems utilisation and process optimisation opportunities, they can help customers successfully deliver fiscal and quality benefits and support informed decision making.

Customer Care

GHX Customer Care is a global service desk and technical support team that provides support and service monitoring for all GHX solutions around the clock: 24/7/365. Our Customer Care team is available to help with any questions, enquiries, requests or issues, after your GHX solution has been set up and the product is running.

Service Maintenance

GHX performs regular system maintenance to conduct system upgrades and fault tolerance testing so that systems continue to operate at optimal levels. We schedule regular maintenance windows during non-critical hours to minimise potential processing delays.