



G-CLOUD 15
Service Definition
ELCOM Hospital Inventory Management /
Community Inventory Management &
Logistics



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EVOLVE

Optimise and energise your organisation by simplifying and digitalising your Supply Chain processes. Save your time and money, with limited change and no hassle. Our tailored solutions provide you with easy-to-use tools that guarantee better financial control and greater transparency of spend, in everything from local SMEs to the most complex global organisations. It's straightforward, paper-free and adapted to your specific business needs.

Elcom's understanding of a "customer-centric" approach is much more than just a series of processes to deliver the best experience to our customers. It involves how we – as trusted partners – appreciate the solution requirements and most importantly how we identify, create, capture, monitor and measure the value created. It is crucial for us to listen to our customers' feedback and also to address their expectations. We always work in collaboration with our customers and adopt a proactive approach.

EVOLVE Spend Management is an all-in-one flexible solution that can be easily tailored to any sector-specific requirement. EVOLVE is deployed in complex Public Sector organisations and collaboratives helping to reduce system fragmentation and ease collaboration.

Customers can subscribe to one or more of the following service options. Where several options are subscribed to, the elements are integrated, including sourcing and purchasing.



Today

We make eProcurement smarter, more connected and transparent while helping our customers trade, and save money.



Tomorrow

Working on transforming eProcurement all over the supply chain making it accessible for all users and sectors.



Always

As loyal partners, our teams of experts are committed to lead the way and be supportive to maximize outputs.



EVOLVE Inventory Management

Hospital Inventory Management

Managing every aspect of stock control, including internal hospital locations and outlying sites. Fully accredited GS1 solution to track and trace devices, implants, performance metrics and enhance patient safety. Cut out administration tasks, giving clinicians back their time for patients.

The Challenges

- Inaccurate traceability of theatre consumables (safety risks exposure)
- Manual recall processes need to be automated (cost reduction)
- Too much reliance on paper/handwritten details (safety risks exposure & cost reduction)
- No patient or procedure-level costing (cost reduction & quality improvement)
- Ineffective stock management systems and associated poor data (cost reduction & safety risk)
- Stock waste due to expiry and obsolete stock not tracked effectively (cost reduction & safety risk)
- Time wasted in manual requisition processes (cost reduction)
- No real-time recording of safety checklists (safety & quality improvement)
- Delivery of GS1 standards and recommendations (cost reduction & safety risk)
- Theatre kitting is driven by outdated surgeon preference cards and handled by nursing staff – not stock staff (cost reduction & care improvement)

The Solution

- Barcoding reducing errors
- Electronic capture of WHO checklist
- Improved stock accuracy
- Full traceability of implants to patients
- Electronic Picklist for theatre kitting
- Reduced Stock
- Improved Income Opportunities through coding
- Improved management info reducing unused theatre time
- Time-saving though not filling in books and rekeying info
- Removes manual recall process

Key Outcomes

- Delivery of Trust's GS1 compliance program and e-Procurement Strategy
- In line with NHS Sustainability & Transformation ("triple-aim") plans
- Spend to Save project that delivers improved safety, enhanced care and significant ongoing cost reduction
- Free up clinical time, reduction of administration and paper-based operations, with associated improved morale
- Reporting capability to inform smart decision making (procedure level costing, inventory stocks, delays etc.)
- Foundations laid for eventual P2P/EDI PEPPOL transactions and associated efficiencies
- Improved coding competence for higher income levels for trust
- More clearly defined job roles for supply chain staff, with less cross-over for nursing staff

Transparency

Complete transparency of patient journey reduces clinical risk and increases consistency.



Stock Management

- Supports GS1 or proprietary barcodes
- Stock locations – what went where and when
- Automatic reordering

Smart Spending

Comparative data facilitates smarter decisions. The spend is prioritised where it's needed most.



Patient Level Costings

- Barcode captures people, products, assets and locations.
- Exact time recording
- Procedure level costing

Traceability

Instant traceability from implants to operating theatre consumables, including equipment usage.



Savings and Admin Reduction

- Waste reduction
- Reduce stock holding
- Process efficiency
- Better use of staff time – especially for clinicians

Zero Waste

Zero expired and/or obsolete stock, keeping control of all your healthcare equipment and supplies.



Patient Safety

- Paperless WHO checklists.
- Automated product recalls.
- Accurate procedure level information.



Community Inventory Management and Logistics

Managing every aspect of stock control, including field base logistics of equipment and services in the community. Fully accredited GS1 solution to track and trace devices, performance metrics and enhance customer relationships. Full paperless environment to improve remote visibility, data accuracy, and reduce time and effort.

The Challenges

- Inaccurate traceability of products and people in the field
- Too much reliance on paper/handwritten details
- Poor stock visibility
- Inefficient asset management
- Time and resources management
- Regulatory and operational compliance of equipment and services
- Ineffective stock management systems and associated poor data
- Stock waste due to expiry and obsolete stock not tracked effectively
- Customer and supplier management

The Solution

- Barcodes to manage stock
- Mobile applications for field working
- Electronic forms for managing and tracking equipment and services
- Improved stock accuracy
- Full traceability of people and products
- Mobile picking for drivers and technicians
- Effective customer and supplier management
- Improved Income Opportunities through analytics and process control
- Paperless equipment maintenance and repair



Stock Management

- Barcode captures people, products, assets and locations.
- Supports GS1 or proprietary barcodes
- Stock locations – what went where and when
- Paperless solution



Customer Relationships Management

- Record customers contacts
- Manage contracts and catalogues
- Deal with complaints and issues
- Product and service quotations



Savings and Admin Reduction

- Waste reduction
- Reduce stock holding
- Process efficiency
- Better use of staff time– especially for clinicians



Field Based Workflow

- Mobile apps for delivery
- Electronic forms for data collection
- GPS tracking of people and products
- Mobile stock management



All solutions are mobile enabled.

Associated service functionality includes:

- Reporting and Management Information
- Data Warehousing priced on specification
- Interfaces with other systems, for example ERP or Finance systems priced on specification.

UK public sector requirements have heavily influenced service development since 2001 and the solution fully meets UK public sector needs including management of VAT.

Elcom was been accredited at IL2 by OGC and undergoes regular security penetration via Government Security experts.

Elcom has managed the information security risks associated with hosting transactional procurement services for its client organisations for over 10 years. Elcom's reputation is built upon the security, reliability and resilience of its service. All aspects of the operational systems are controlled. Elcom operates to an equivalent standard of ISO2700 and is in the course of obtaining formal ISO27005 certification.



Pricing

Please see separate Pricing Document and SFIA Rates.

Hosting and Backup

Hosting is provided in the Scottish Governments secure data centre. We provide full backup/restore services. Disaster Recovery is part of our standard Service Level Agreement. We offer both Escrow and archiving arrangements and, as a chargeable option, hot backup.

Minimum Length of Contract

Our minimal contract term is one year for all solutions with exception of the P2P which is two years. This is the realistic time required for the service to be properly embedded and start delivering benefits in a typical public body, particularly where the service is interfaced with other systems.

Service Levels

Service Levels and service management provisions are detailed in our model terms and conditions. System availability is as follows:

Environment		Scheduled Hours of On-Line Availability
Production		7x24x365*
Development and Test		7 a.m. – 6 p.m., Mondays – Fridays*
Measurement	Downtime is measured from the time a problem record is opened and the outage has been coded until the problem has been resolved and service has been restored. The vendor tool must be used to track and measure the availability objective.	
Target Performance	99.5% compliance with target service level	
Period of Review	Monthly	
Elcom will make available their web accessible, self-service, service desk tool, which is available 24x7x365 for logging calls related to service availability issues. Calls are monitored and updated throughout established service desk hours until issues are resolved. Additionally, Elcom provides phone support to expedite reports and the resolution of any availability related issues. Elcom uses the audit trail of calls logged for measuring and reporting any downtime during the month. Elcom can also provide reports to identify the root causes and corrective actions associated with any downtime events.		



Service Constraints

User organisations can request some customisation of the appearance of the service (for example corporate branding) and can switch on or off some elements of functionality. Bespoking of functionality for individual organisations is not offered through G-Cloud.

Training

Implementation fees include organisational set up and training for all types of users. Our preferred approach is to "train the trainer". Our solutions are easy and intuitive to use and training will generally be a half day familiarisation process. There is also dedicated system administration training for a very small number of local users.

Implementation (On-Boarding)

Our highly experienced implementation team works with customers during all aspects of implementation. We use a standard, proven methodology which is flexible to match local requirements. More than 100,000 suppliers to the UK public sector are already on-board including more than 1000 punch-out connections. Implementation includes all necessary training. Elcom has a dedicated integration team and already has interfaces established with multiple ERP/Finance systems.

Termination (Off-Boarding)

At termination Elcom can take an extract from the production environment and extract only the customer's information. All data is stored in an Oracle database and any extracts provided would be in a character delimited format or an Oracle extract /export.

Importing the Oracle extract/export into a new system would be the responsibility of the incoming supplier. Additionally, Elcom can provide a scoped professional service engagement to provide data in a format which the customer requires.

If individual customers request destruction of customer data including archived backup data this would be quoted as a professional service.

Customer Requirements

We expect that customers will:

- Satisfy themselves of their network capabilities to implement e-Commerce
- Establish the level of business change with which they are comfortable and
- Establish a project team to manage the change/implementation appropriately, for example against PRINCE2 project methodology or equivalent



Technical Requirements

Elcom's solution requires only an internet connection in normal use. There will be an initial requirement to check local firewall configuration as part of the implementation process when local network loading will also be assessed.

Other Client Software

For management reporting purposes we offer a number of options from native reports to data download to a reporting environment of your choice.

Open Standards

Elcom works on the open cXML standard and has recently achieved certification as a PEPPOL Access point using the Java Oxalis API.

Open Source Software

Elcom uses open source software where appropriate. Currently this includes:

- Tomcat
- Java
- Oxallis
- SEAM
- JBoss
- Soap
- PostFix
- Talend
- Linux
- PLS

Trial Service

We would be happy to discuss the provision of our solutions on a trial basis.



Contracting/Contact

To discuss your requirements or arrange a no-obligations demonstration please contact in the first instance:

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