



SWEDWISE

Swedwise Healthcare Suite

**Swedwise is about saving time and energy.
We help automate business processes so you
can focus on the real value of your business.
Simplify your day. Make time for the good.**

TRANSFORM YOUR HEALTHCARE

In today's increasingly connected world, healthcare organisations face a critical need to not only integrate patient and administrative information but to improve efficiency, service delivery and patient care. A new way to connect is needed to adapt to these changing conditions: Whether an organisation deploys legacy EDI communications or high-end API-led technology.

Introducing Swedwise Healthcare Suite Swedwise Healthcare Suite (SHS) is built to satisfy the needs of larger Healthcare Integration Centers. SHS enables organisations to share patient data faster and securely, while creating cost savings and increasing patient satisfaction.

SHS consists of several products and modules, which can be combined depending on your organization's needs, as well as choice of integration strategy and models. It can easily be expanded to handle any volume of messaging.

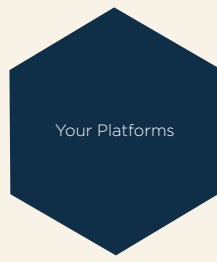
The Suite supports ETL-processing between many standards in Healthcare such as HL7 (v2 and v3), DICOM, FHIR, CDA/CCD as well as other communication and data standards as EDIFACT, Swe-faktura, XML, SFTP, AS/2, PEPPOL and the new Swedish standard SDK.

IMPROVE SERVICE QUALITY AND PERFORMANCE WITH SHS



API-LED CONNECTIVITY

Fully compliant with latest microservices and DevOps methodology



YOUR EXISTING SYSTEMS

Integrate existing system architecture with improved connectivity



HIGH VOLUME & SECURE

EMS-suite with mapping and ETL functionality already implemented



KNOWLEDGE SWEDWISE

Development and support

Benefits of SHS Versus Standard Applications

With Swedwise Healthcare Suite, your organisation can quickly go from traditional EDI to API-first led development of B2B without the risk of losing the accumulated traditional EDI connections. This provides improved ability to adapt quickly to changing conditions in the business environment.

SHS delivers a seamless experience whether your organisation deploys legacy EDI communications or high-end API-led technology. Our Message Trace and Statistics modules span across all other SHS modules providing a total view of all your messaging statistics.

Compared with a pure EDI exchange, SHS also offers an API-first led approach for greater flexibility in the connection of different partners, while maintaining a highly secure connection to ERP Medical data and similar core system.



A new way to connect

The Swedwise Healthcare Suite (SHS) is a total Integration environment, built to satisfy the needs of larger Healthcare Integration Centers. SHS consists of several products and modules, which can be combined depending on your organisation's needs, as well as choice of integration strategy and models. Swedwise Healthcare Suite can easily be expanded to handle any volume of messaging.



SEAMLESS INTEGRATION

Swedwise Healthcare Suite Overview

High Volume Messaging

The power to handle over one million transactions on a daily basis.

Secure and stable

Integration technology features Military grade security accredited by NATO.

Fast implementation

Fast, accurate and easy development and management at very low cost.



With Swedwise Healthcare Suite (SHS), you can quickly go from traditional EDI to API-first led development without the risk of losing accumulated EDI connections.

SHS Platform Components

SHS provides the opportunity to interchange components and modules based on your organisations needs, including:

MuleSoft Anypoint Platform

Industry leading platform fully that's compliant with the latest micro-services & DevOps methodology (incl. in SHS Synchronous).

xTrade

EMS-suite with mapping and ETL functionality already implemented (incl. in SHS Asynchronous).

Inobiz - DS mapping

Integrate and connect systems within an enterprise (EAI) and/or between businesses (EDI), but also to integrate the systems with the web (incl. in SHS Asynchronous).

SNAPT

Load balancer that guarantees the performance, reliability and security of your web servers and services. (incl. in SHS Asynchronous, SHS Synchronous).

OpenText Exstream (StreamServe)

Enterprise-wide design, deployment and multi-channel delivery of documents and correspondence (incl. in SHS Hero).

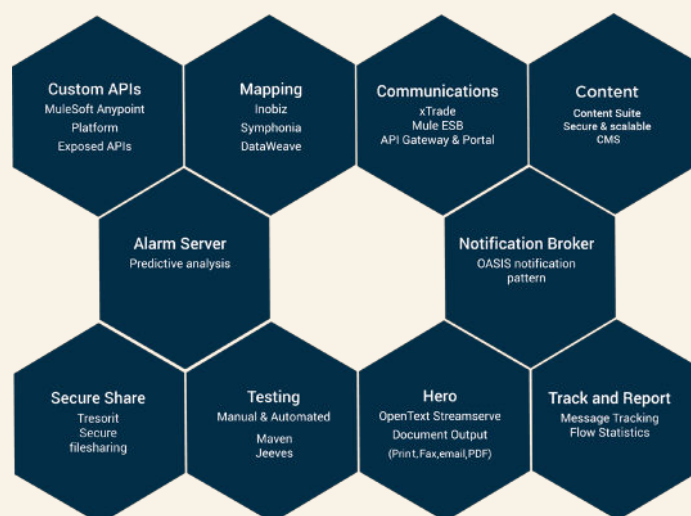
OpenText Content Suite

A single source of truth for information storage with industry leading CMS functionality.

Nodinite

Complete operational overview of information flows, with predictive warnings and alarms.

SHS APPLICATIONS AND PROCESSES



SHS provides improved ability to adapt quickly to changing conditions in the business environment.

API-FIRST CONNECTIVITY

MuleSoft's Anypoint Platform can be utilised to allow enterprises to abstract away the complexity of EDI through API-led connectivity. The result is a 2x to 5x faster time to launch new initiatives, connect systems, and unlock data across the enterprise. This can create up to a 30 per cent reduction in integration costs; making digital transformation a reality for healthcare providers, transportation, logistics as well as other businesses.

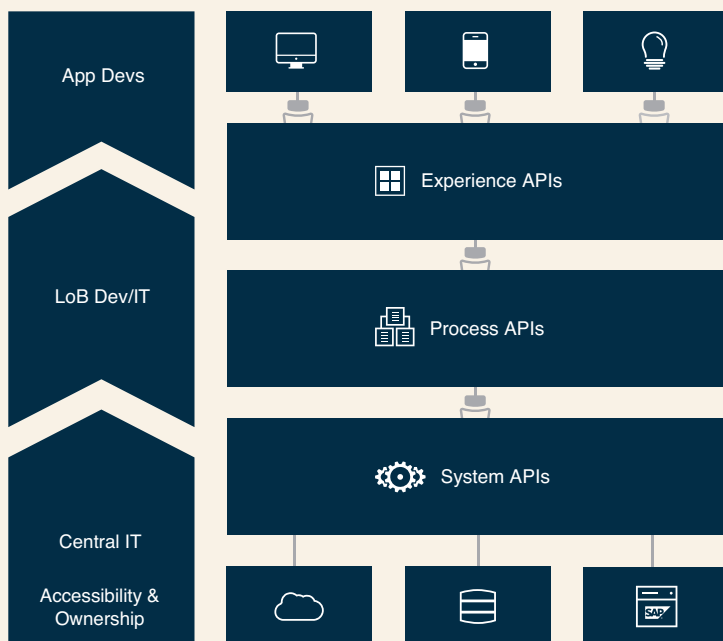
Use Swedwise Healthcare Suite to:

Use a "API-first" strategy and create a network application that handles both API-based integration as well as older B2B / EDI based on the same platform.

Use "API wrappers" to create and publish RESTful APIs to existing EDI flows and documents in a new, safe and more accessible way.

Create a microservices based environment for both existing and new EDI flows which becomes better and cheaper to manage and faster to develop.

API-DRIVEN CONNECTIVITY IN THREE LAYERS



Experience layer

Experience APIs are purpose built for a specific experience expected in an application. These APIs leverage the underlying process APIs to create excellent experiences at the front of the business, but are less reusable across applications as they are purpose built.

Process layer

Line of business (LoB) architects are in the best position to define the logic and flow of data within processes. These process APIs or microservices, when defined using the principles of connectivity, make up the building blocks of the company's operations.

System layer

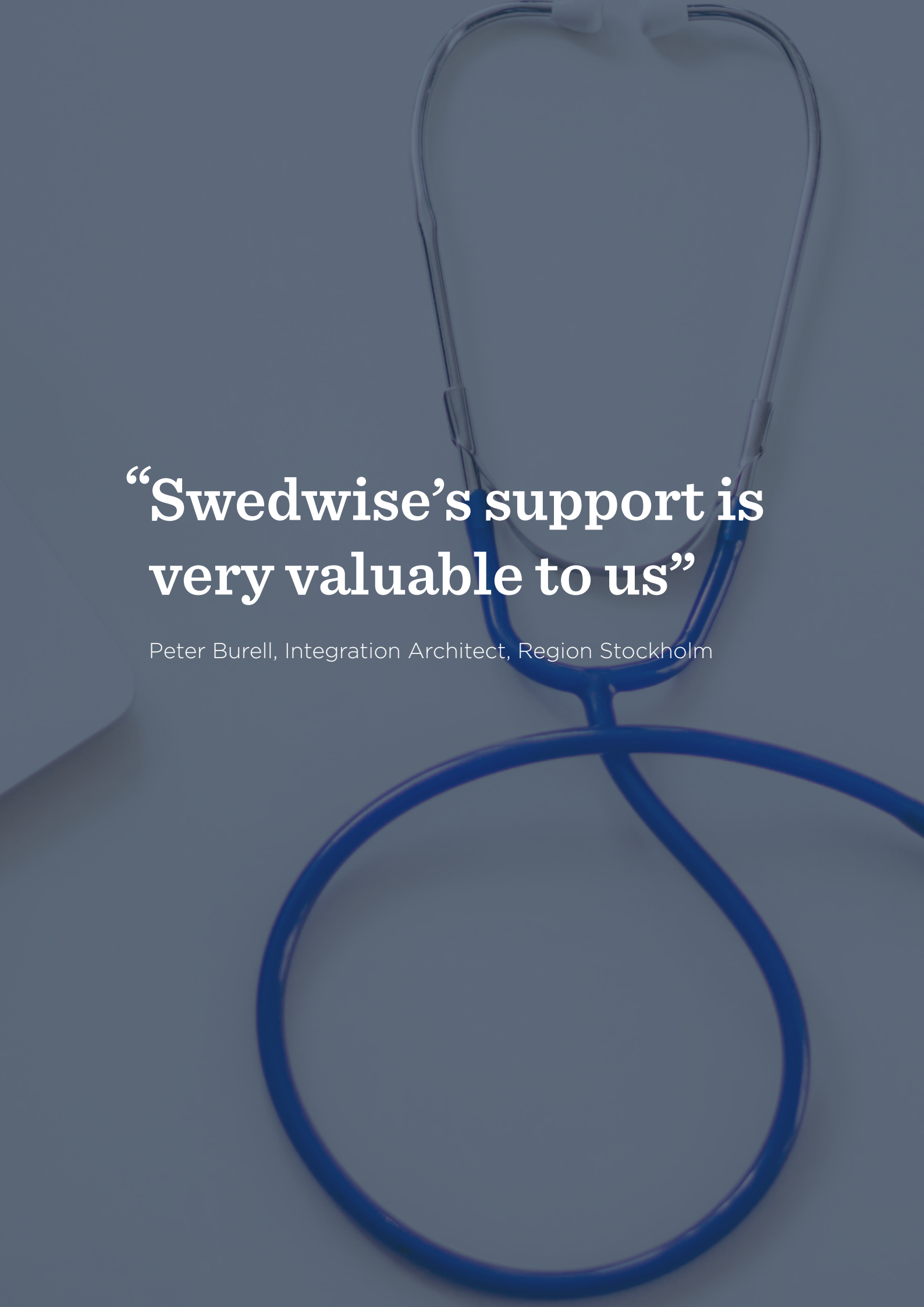
System APIs provide the means of accessing underlying systems of record and exposing that data. These APIs change less frequently and are developed by central IT as a way to abstract the complexity of underlying systems and to provide a clean way for others to consume the data.

API-driven connectivity in three layers:

Interface: presentation of data in a management adjustable and securely via APIs.

Orchestration: Applying business logic to the data, such as transformation and enrichment.

Connectivity: Access to the original data, either from their own physical systems or external services.

A blue stethoscope is centered in the background of the image. The chest piece is at the top, and the tubing loops down and around. The background is a solid, light blue color.

**“Swedwise’s support is
very valuable to us”**

Peter Burell, Integration Architect, Region Stockholm

CASE STUDY REGION STOCKHOLM

Region Stockholm is a regional municipal body responsible primarily for the public healthcare system and public transport. It also is involved in the long term planning of the region, creating the conditions for growth, and contributing to the culture of the county. Every day, over 120,000 sensitive medical documents are sent. The information can often be complex and move between internal and external logistics flows.

Challenge

To develop and manage a platform consisting of both synchronous and asynchronous flows of information between Region Stockholm's various health care units.

They must also add newer, more agile technology and processes to a traditional EDI management. This platform has high SLA requirements around the clock, every day of the week, all year round.

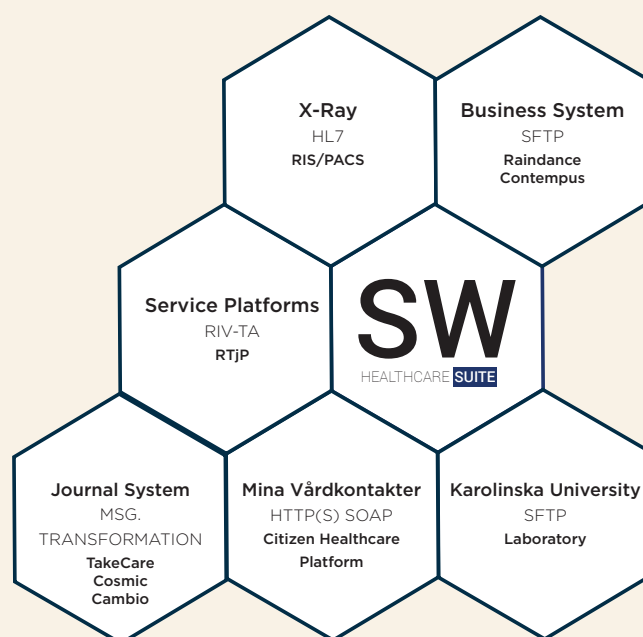
Solution

Swedwise helps Region Stockholm overcome these challenges with Swedwise Healthcare Suite: A platform consisting of a range of modules for both the latest API-driven development and more traditional EDI traffic in large volumes. Swedwise further augments this solution by delivering 24/7 expertise and agile support to SLL on the entire integration platform.

Result

Swedwise Healthcare Suite manages all system integration demands and provides accessible and easy-to-use administration, combined with Agile support.

SWEDWISE HEALTHCARE SUITE AND REGION STOCKHOLM



SHS provides a fully integrated operating environment with collaborators and customers

- Notification Services
- Payment Processing
- Extensive Logging
- Authentication
- Message Routing
- Message Query

SHS includes a unique combination of technologies from integration providers, such as MuleSoft, OpenText, xWare and Inobiz. SHS has the ability to handle asynchronous and synchronous messaging, embedded support for healthcare standards such as ETL-processing such as HL7 (v2 and v3), DICOM, FHIR, CDA/CCD, and the ability to deploy application networks faster and easier.





SWEDWISE

Together with our partners, we have specialist expertise and experience to help you succeed with B2B system integration, hybrid integration, API-first and micro-services throughout the information life cycle.

Contact us for more information.

Swedwise is an IT company with offices in Karlstad and Stockholm. Since 2010 we offer software licensing, consulting, software development and support. With successful information management, we give our customers more time to focus on the real value of their business.