

# B2Bx for SSEK

Technical Overview

**Sami Mäkelä**  
B2Bx Sales

**sami.makela@b2bx.se**  
**+46 (0)8-545 942 00**

**Box 3200**  
**SE-103 63 Stockholm**

**Visit: Sveavägen 98, vi**

**B2Bx**  
-TRUE B2B MIDDLEWARE

# Three tier architecture

Systems development best practices – N-tier architecture

Presentation

Business logic

Data

Enables system scalability, robustness, and flexibility

Enables unified and architecture wide security

**Apply decades of system development experience on  
B2B solutions!**

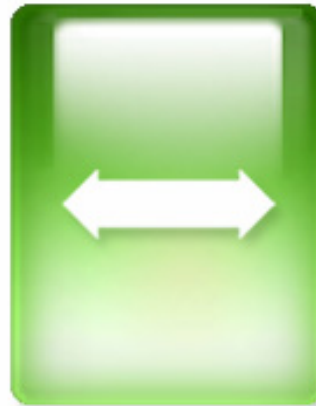
**B2Bx**  
-TRUE B2B MIDDLEWARE

## Service Access



Transport and access security  
Service exposure (URL)

## B2B Logic



Transaction security  
Transformation  
B2B interaction flow  
Archiving  
Synchronous / asynchronous process  
Public / private process management

## EAI



Application connectivity  
Transformation  
Business process model  
Transaction integrity / security

# B2Bx for SSEK

Pure B2B middleware product –  
Promotes three tier B2B architecture

B2Bx – generic B2B engine  
Rapid deployment of public process  
Accelerates business value  
“Outsourced” support and standards  
change management

B2Bx for SSEK – SSEK implementation on top of B2Bx

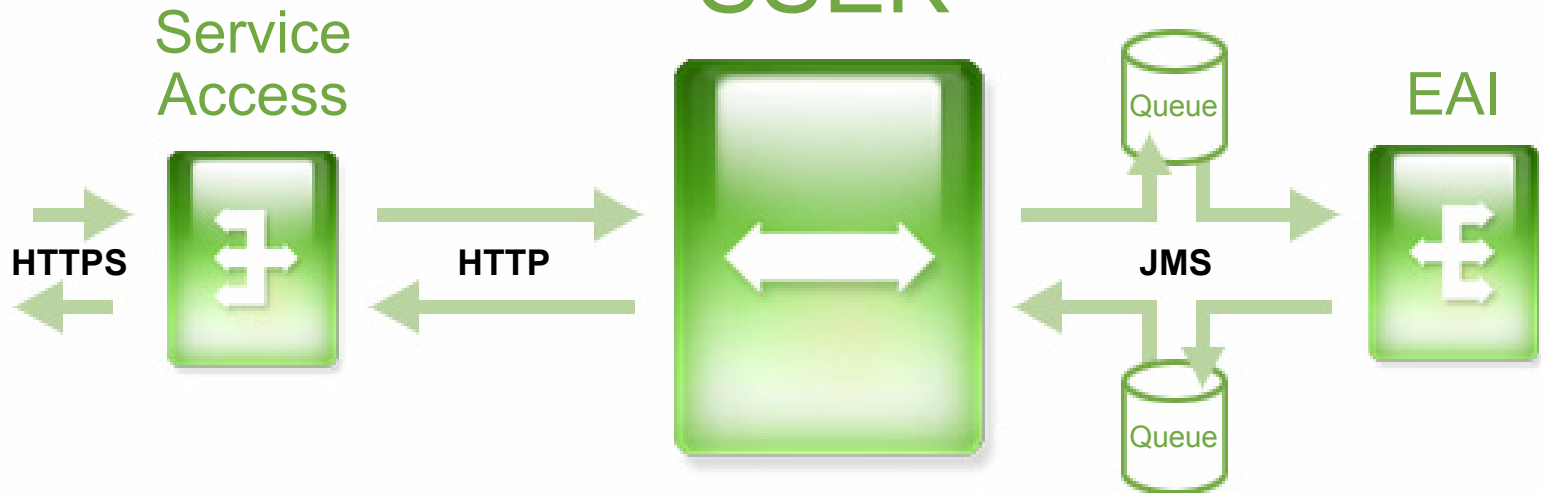
Developed for security, scalability, robustness, flexibility

## Features

- PKIX based transaction security
- XSLT transformation support
- Archiving to any RDBMS via JDBC 2.0
- Public/private transaction id management
- Reliable messaging
- Open standards based
- Rapid deployment
- Fully J2EE compatible
- Platform independent
- Synchronous / asynchronous

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# B2Bx for SSEK



## SSEK

- SOAP enveloping / SOAP Fault
- TxHeader handling
- XSLT transformation
- XML Schema validation
- WS-Security (for signing)
- XML Canonicalization
- Transaction archiving

- Public / private process management
- Synchronous/asynchronous processes
- Receipt management
- PKIX (X.509v3, CRL)
- SSEK level 1-4
- Logging
- Manual fault handling access points

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# System environment

## Generic requirements:

J2EE 1.3, J2SE 1.3.1, RDBMS via JDBC 2.0

### Open Source

JBoss Application Server

Tomcat Servlet Engine

Firebird RDBMS

### IBM WebSphere

WAS 4.1

DB2 RDBMS

**Runnable on any J2EE 1.3 compliant application server**



[www.b2bx.se](http://www.b2bx.se)

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