

# J<sup>st</sup> BUSDOX Access Point Suite

1.1

Access Point and Service Metadata Publisher

for the

Business Document Exchange Network

## Brochure

SMP

LIME  
AP



START  
AP

LIME  
Web Client

### Access Point & Business Registry

JAVEST BUSDOX Suite supports almost all roles in the busdox network.

The LIME AP is provided to allow SMEs and contracting authorities to access a BUSDOX network (like PEPPOL) using a lightweight protocol. The LIME implements the basic securities required to authenticate participants, fully validates all outbound messages and acts as a facade to access the internal START AP.

The START server represents a reliable in/out messaging router enabled to send/receive to/from any other START AP within the network.

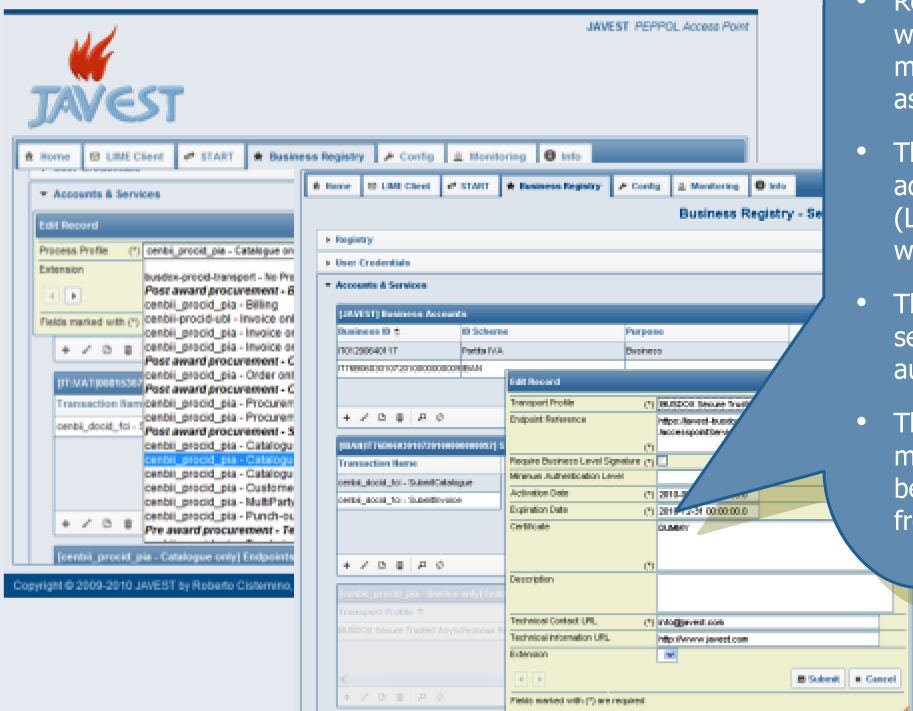
The SMP server is the business registry where receive capabilities (services) of all listed participants are configured and can be discovered on internet.

A unique relational database has been designed to facilitate the business registry organization and all access point tasks.



### Web Clients

- Registered users are supported by a web-client that can be used for managing their business accounts and as a test tool.
- The Service Provider can centralize the administration of all BUSDOX servers (LIME, START, SMP) with a unique web based rich-client interface.
- The web client is role based and secured with an active/passive authentication.
- The client user interface is similar to a mailbox manager and documents can be uploaded/downloaded or deleted from any box.



## JAVEST BUSDOX Suite

<http://www.javest.com/products/BUSDOX-Suite>

This product is partly realized with open source software and is based on the BUSDOX reference implementation.

For more information: [info@javest.com](mailto:info@javest.com)

The following open standards are used:

√ W3C DOM 3.0	√ OASIS UBL 2.x
√ W3C XPath 2.0	
√ W3C XSLT 2.0	
√ W3C XML Schema 1.x	

### Which document formats are supported ?

BUSDOX Suite is not constrained on a specific XML document syntax:

- any XML syntax is supported
- incoming XML instances are identified by namespace and 3D versioning (version, customization, profile)
- BUSDOX Suite is preconfigured with PEPPOL profiles (based on CEN WS/BII) and UBL 2.0 business documents

### Document Validation

- Validation is applied to all outbound messages to verify business document structures and content
- Business rules can be verified in chain according standard profiles, community and/or national regulations
- Invalid documents are rejected with an Undeliverable Message sent to sender's inbox

### Technical Characteristics

Client:

- XHTML Strict 1.0
- CSS 2.x
- Web 2.0 / AJAX
- JQuery Framework

Servers:

- JDK 1.6.x
- J2EE 5
- Application Server: Glassfish or Tomcat
- Database: SQL Server or MySQL (others may be used as well)

All other product names mentioned are the trademarks of their respective companies.

### Integration

BUSDOX Suite can be integrated with user applications through the A2AC product (Any-to-Any Converter) that can be successfully used to convert proprietary flat files, EDI files or XML based documents into the required syntax.

### Servizi

#### Consultancy

PEPPOL Access Point planning and application integration

#### Implementation

Assistance on installing, tuning and integrating the Access Point and Service Metadata Publisher

A JAVEST Test Access Point can be used to test new BUSDOX Suite installations

#### Training

On-site training to drive the customer from the startup to the production

