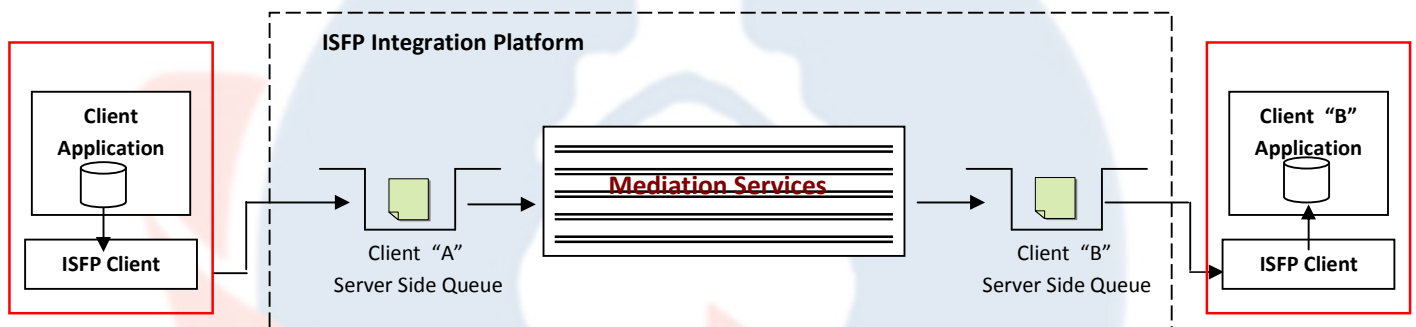


Web Manager

Extendable, customizable and re-usable, the IBUS is a bundle of supporting web utility middleware services, developed to support extreme flexibility to address the integration needs for medium and small enterprises.

With a user friendly web interface, the IBUS is designed to enable any member of the port community to construct and transact different messages based on the predefined port business workflows and according to his given roles and permissions.



"The pervious figure simply illustrates over view of the integration architecture that ISFP adopted to integrate the different heterogeneous port community systems, emphases different component of the solution"






Save Temp: user can save uncomplete messages at a temperpry state, giving the chance to retrieve it later and continue working on the document tell being finished and approved before being sent.





















Load Temp: user can load any of the saved messages that he wants, As all the message content will be loaded and he can edit any of the fields and send it or resave the new version.

Validate: user can Validate the constructed message as per its schema just before sending it, making sure that all the message fields are written in the right format and vaild with its schema structure this feature prevent user from sending mal-formed messages.

Print Document: user has the facility to print the message at any stage, even if not finalized yet. All message data will be displayed on a single page facilitating exploring its contents before get printed.

Track Document

- List both incoming and outgoing documents of registered clients. each according to his authority.
- Browse messages contents providing the option of saving and printing these contents.
- Different search criteria, allow a client searching his messages according to verities of search criteria.
- Show the state of each of incoming or outgoing message (delivered – error – opened by destination – in process)
 -  Message has been sent correctly without any errors but not yet viewed.
 -  Message is erroneous
 -  Reciever opened and read the message.
- List messages by different grouping (message type - certain content - date), or within certain time interval

View	All	Message	All	Group by	Date	How old	2 weeks	 Refresh	Search <input type="text"/>
Tracking Messages Pag 1 de 8									
External Ref.	Status	Message type	From	To	Date				
2006/06/05									
 NOURO0620060101	S 	MSG00008	SA008	PA001	2006/06/05 10:58:13				
2006/06/04									
 MR2008-06-04 12:41:39.441	S 	MSG00045	SA008	PL001	2006/06/04 12:41:39				
 MR2008-06-04 12:38:13.875	S 	MSG00045	SA008	PL001	2006/06/04 12:38:15				
 MR2008-06-04 10:34:34.384	S 	MSG00050	SA008	PA001	2006/06/04 10:34:34				
 MR2008-06-04 10:34:34.54	S 	MSG00050	SA008	Admin	2006/06/04 10:34:34				
 MR2008-06-04 10:31:57.781	S 	MSG00001	SA008	PA001	2006/06/04 10:31:59				
 MR2008-06-04 10:31:59.187	S 	MSG00001	SA008	Admin	2006/06/04 10:31:59				
 MR2008-06-04 10:29:40.389	S 	MSG00008	SA008	Admin	2006/06/04 10:29:40				
 MR2008-06-04 10:29:37.076	S 	MSG00008	SA008	PA001	2006/06/04 10:29:39				
2006/06/01									
 MR2008-06-01 14:48:45.863	S 	MSG00050	SA008	PA001	2006/06/01 14:48:46				
115 unread <input type="button" value="View"/> <input type="button" value="Follow up"/>									

Code Mapping

Web GUI interface where a client could map his master data (codes) to the deployed standard ones. During the runtime, code conversion service as one of the mediation services, processes the incoming data (messages) convert the code of the source to that of the destination based on the per-defined mapping.

Code conversion gives our client the benefit of the following features:

- Centralized Control of the codes repository.
- Minimize Client side overhead, to encourage their cooperation.
- Ensure Up to date stored codes.
- Ensure message data correctness and consistency.
- Independency of client systems.
- Prevent flow failure according to code inconsistency.

Upload Messages

One of the main mediation services, listed later on, provided by ISFP Integration Platform is the any-to-any transformation service, supporting the transformation between different formats of messages to allow the client to use the message format of his choice amongst any of the available standard formats and save him the burden of having to provide his data in a "system pre-defined" format.

On top of this mediation service, ISFP Upload message utility allowing the client to upload his message online directly. The service also supports the use of excel sheets as a message format. The upload EDI service could be reached when the user log to ISFP Portal Server and click the "Upload File" tab. In upload EDI service, an interface is provided to allow the user to browse to the location of the file on his machine, select and upload the file. The file could be an EDI message or an Excel Sheet, the system automatically accepts both, by clicking send, a send confirmation will be displayed to confirm the successful completion of the process. If the format of the message does not comply with the accepted formats (EDI or Excel Sheets) the system will inform the user that his message could not be sent due to mal-formation.

The upload service could be extended to accept different types of formats and could be customized to accept different types of transaction and header data tailored to different systems' needs.