

Superannuation Transaction Network Binding Implementation Practice (BIP) Note

BIP Note [17]

Title:	<input type="text" value="ebMS Header Validation"/>	Date:	<input type="text" value="17 Mar 2016"/>
		Version:	<input type="text" value="1.0"/>
Scope:	<input checked="" type="checkbox"/> transport layer <input type="checkbox"/> message payload <input type="checkbox"/> security	Status:	<input type="checkbox"/> Draft <input checked="" type="checkbox"/> Ratified
		Live Date:	<input type="text" value="30 November 2016"/>

*On this date this BIP note will
be binding on all participants*

1. Change

This document describes the validation that STN gateways must perform on the ebMS header of messages received from other gateways.

2. Reason for Change

Standardised validation across the network ensures consistent handling of messages between gateways and reduces the number of errors that require manual follow up between gateways.

3. Standards Affected

AS4

4. Description of Change

Gateways are required to perform validation on the `eb:Messaging` SOAP header either using XML schemas or equivalent custom logic implemented by the gateway. This validation must be performed on all messages received by the gateway. The following schemas form the reference for the required validation:

Schema	Location	Notes
ebms-header-3_0-200704.xsd	https://docs.oasis-open.org/ebxml-msg/ebms/v3.0/core/os/ebms-header-3_0-200704.xsd	As per Oasis Issue EBXMLMSG-9 , this schema needs to be modified by gateways to remove <code>namespace="##other"</code> from the <code>Receipt</code> element.
Ebbp-signals-2.0.xsd	http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0	
xlink.xsd	https://www.w3.org/1999/xlink.xsd	
xmldsig-core-schema.xsd	https://www.w3.org/TR/xmldsig-core/xmldsig-core-schema.xsd	

Note: Gateways may either choose to use these XML schemas for validation or implement their own validation logic consistent with these schemas.

In the event of a schema validation error, gateways must return a SOAP Fault and/or a ebMS Error in a `eb:SignalMessage` element. The gateway must not send back an AS4 receipt when a schema validation error occurs.

It is recommended that gateways should perform schema validation on outgoing messages before sending to reduce the number of invalid messages sent over the network.

5. Technical Impact of Change

Some gateways may need to enhance their software to support this requirement.

6. Operational Impact of Change

None.

7. Version History

Version	Date	Changes	Date Ratified	Live Date
0.1	17 Mar 2016	Initial Version		
0.2	14 Apr 2016	Update to implementation date		
1.0	28 Apr 2016	Endorsed by the GOG	28/04/16	30/11/16