

Superannuation Transaction Network Binding Implementation Practice (BIP) Note

BIP Note [4]

Title:	<input type="text" value="ebMS From and To Fields"/>	Date:	<input type="text" value="21 Aug 2013"/>
		Version:	<input type="text" value="1"/>
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="1 Jul 2013"/>

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

1. Change

The eb:From and eb:To fields will contain the source and destination of the particular ebMS message. For example, if a gateway sends a message to a fund, the eb:From will represent the gateway, and the eb:To will represent the fund. The specific field values will be by bilateral agreement.

2. Reason for Change

The ATO standards lack clarity regarding the population of these fields. This document specifies a workable and logical scheme for populating eb:From and eb:To.

3. Standards Affected

Data and Payment Standards, Message Orchestration and Profiles v1.1

4. Description of Change

Consider the following example:

1. Fund A sends an RTR message to Gateway X
2. Gateway X sends the RTR message to Gateway Y
3. Gateway Y sends the RTR message to Fund B

There has been some discussion of using Fund A as the eb:From and Fund B as the eb:To for all 3 messages. However, many commercial ebMS implementations use the eb:From and eb:To fields for routing. If the fund ABNs were used in the eb:From and eb:To fields, gateways would need to maintain hundreds of thousands of routing records to cover all the possible fund combinations. Therefore, such a scheme could not practically be implemented.

Instead, the following scheme must be used to populate the eb:From and eb:To fields:

Message	Source	Destination	eb:From	eb:To
1	Fund A	Gateway X	ABN of Fund A	ABN of Gateway X
2	Gateway X	Gateway Y	ABN of Gateway X	ABN of Gateway Y
3	Gateway Y	Fund B	ABN of Gateway Y	ABN of Fund B

A separate ebMS message is created for each hop. Each ebMS message contains a different signature and eb:MessageId value. Therefore, it is logical that each ebMS message reflect the message's source and destination in the eb:From and eb:To fields as per the table above.

5. Technical Impact of Change

None. This is an existing practice among gateways.

6. Operational Impact of Change

None. This is an existing practice among gateways.

7. Version History

Version	Date	Changes	Date Ratified	Live Date
0.1	07/08/2013	Initial Version		
1.0	21/08/13	Change status to Ratified	21/08/13	01/07/13