



To: RosettaNet Members
From: RosettaNet Technical Office
Subject: RosettaNet Implementation Framework,
v1.1: Technical Advisory #3

This Technical Advisory clarifies the processing rules for the `toRole` and `fromRole` fields in the Transaction Control envelope within the Service Header. Because of deficiencies in the structure of the Service Header, this advisory should be considered a temporary measure only. **The Service Header will be restructured in the next major revision of the RNIF to address this deficiency and, when published, will render this advisory obsolete.**

1 Role Validation

Each Partner Interface Process (PIP™) specifies activities, decisions, and roles for each trading partner involved in a particular business activity. Role validation is an important aspect of a PIP.

1.1 *Issues*

It is unclear from the written specifications or from the Message Guidelines whether the `toRole` and `fromRole` values are to be changed during the course of a transaction or if they are to remain static. Because of this ambiguity, RosettaNet solutions that implement different interpretations of this may not be interoperable.

There are compelling reasons for both interpretations. However, only one interpretation can be used until the deficiencies in the Service Header are addressed and corrected in the next major revision of the RNIF.

1.2 Decision

The `toRole` and `fromRole` values should be changed depending upon the message being sent. That is, these values are *not* static.

As an example, using the "Purchase Order Request" transaction in PIP 3A4, the Service Headers for each action and signal would include the following:

Message	<code>fromRole</code>	<code>toRole</code>
PO Request Action	Buyer	Seller
Receipt Ack	Seller	Buyer
PO Acceptance	Seller	Buyer
Receipt Ack	Buyer	Seller

Additionally, the `toService` and `fromService` values in the Process Header should also be changed to identify the business services behind the exchange of the particular message. That is, these values are also *not* static.

The involved supply chain partners must work with their chosen solution partners to affect any required software changes to support this option. Those solution partners whose current solution does not behave in this manner should be given 30 to 45 days to modify their software.

Failure to comply may result in serious interoperability issues between solution partners and the supply chain partners they support.

All parties involved should be sensitive to the burden this places on those software vendors who must modify their software and make every effort to cooperate with them to the fullest extent possible.

1.2.1 Additional Comments

By no means is this an endorsement of this interpretation as the only "correct" interpretation. This is a decision to promote and ensure interoperability between solution providers during a transition in the specification. **The Service Header will be restructured in the next major revision of the RNIF to address this deficiency and, when published, will render this advisory obsolete.**