

## Two-Action PIDX Invoice

### Two-Action PIDX Invoice-Invoice Response Partner Interface Process

#### Documents Involved:

- PIDX Invoice (from Version? And upwards)
- PIDX Receipt Acknowledgement
- PIDX Invoice Response (from Version? And upwards)
- PIDX Receipt Acknowledgement Exception

#### The Process

The steps for this two action PIP are as follows:

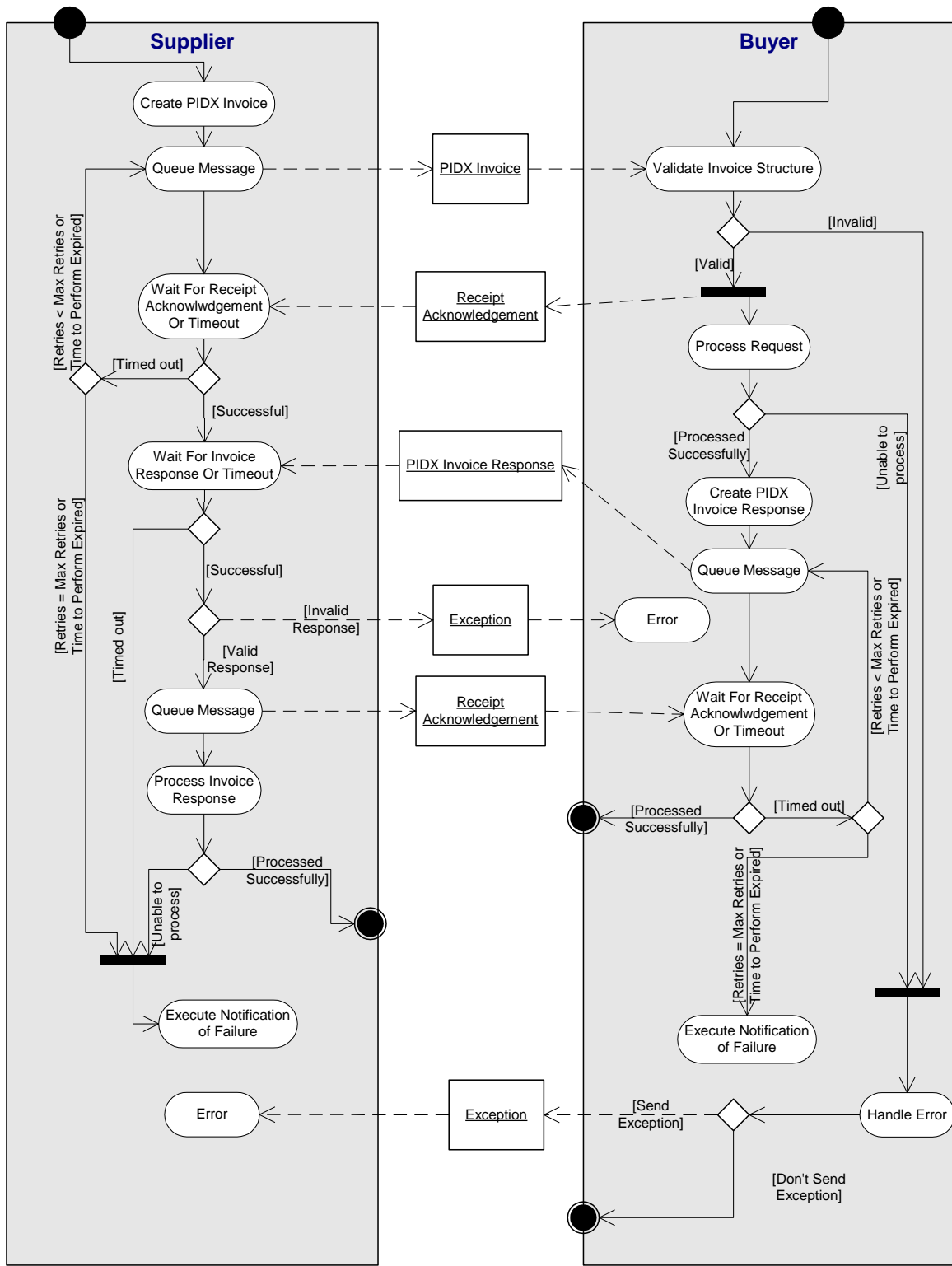
- The Supplier initiates the process by generating a PIDX invoice XML
- The Supplier queues and transmits the invoice XML asynchronously to the Buyer and waits for the Buyer to send back a receipt acknowledgement
- The Buyer validates the structure of the received invoice and if valid, returns a receipt acknowledgement XML (Synchronous).
- If the invoice is not valid, the Buyer invokes an exception workflow which may be configured to generate and send back a receipt acknowledgement exception (Synchronous)
- The Supplier waits for a PIDX invoice response if it receives a receipt acknowledgement. Otherwise it invokes an exception workflow
- The Buyer, upon receiving a valid invoice, processes the invoice, creates a PIDX invoice response, queues it and sends it back to the Supplier (Asynchronous). The correlation ID of the invoice response MUST match the correlation ID of the invoice
- The Supplier receives the invoice response, validates its structure, and if valid, returns a receipt acknowledgement (Synchronous) and closes the conversation with a success status. If the invoice response is not valid, a receipt acknowledgment exception may be generated and send back through an exception workflow (Synchronous).
- The Buyer system receives a receipt acknowledgement and closes the conversation at its end. Otherwise, the Buyer system invokes an exception workflow.

For two-action PIPS through a marketplace, the Buyer and the Supplier will have separate conversations with the marketplace. However, the correlation ID in both conversations will be the same.

## Process Diagram

The diagram below illustrates the two-action PIDX invoice-invoice response PIP:

### PIDX Two-Action Invoice-Invoice Response (Asynchronous)



Open Questions:

1. Is the Receipt ack exception a mandatory requirement in invoice-invoice response PIP?
2. What is the suggested time-out duration?