

Description of Partner Interface Process[®] for 3C6

Validated 11.03.00

	Specification Information
Name	Notify Of Remittance Advice
Cluster	Order Management
Segment	Returns and Finance
Publication Date	30 May 2012
Version Identifier	V11.03

Table of Contents

1	Document Management.....	4
1.1	Legal Disclaimer.....	4
1.2	Copyright.....	4
1.3	Trademarks.....	4
1.4	Acknowledgments.....	4
1.5	Related Documents.....	5
1.6	Document Version History.....	5
1.7	Document Structure.....	5
2	Business Process.....	6
2.1	Business Process Definition.....	6
2.2	PIP Scope Description.....	6
2.3	PIP Business Document.....	6
2.4	PIP Business Process Flow Diagram.....	7
2.5	PIP Start State.....	7
2.6	PIP End States.....	8
2.7	Partner Role Descriptions.....	8
2.8	Business Process Activity Controls.....	8
3	Network and Implementation Specification.....	10
3.1	Business Action and Business Signal Specifications.....	10
3.2	Business Transaction Dialog Specification.....	10
3.2.1	<i>Message Exchange Controls.....</i>	<i>11</i>
3.2.2	<i>Communications Specification.....</i>	<i>11</i>

List of Figures:

Figure 1: Activity Diagram of Notify Of Remittance Advice	7
Figure 2: Sequence Diagram of Notify Of Remittance Advice	10

List of Tables:

Table 1: PIP Business Document	6
Table 2: PIP Start State.....	7
Table 3: PIP End State	8
Table 4: PIP Failure State	8
Table 5: Partner Role Description	8
Table 6: Business Activity Description	8
Table 7: Business Activity Performance Control	9
Table 8: Network Component Specification	10
Table 9: Business Action – Business Document Mapping.....	10
Table 10: Message Exchange Control	11
Table 11: Dialog: Service-Service.....	11

1 Document Management

1.1 Legal Disclaimer

RosettaNet™, its members, officers, directors, employees, or agents shall not be liable for any injury, loss, damages, financial or otherwise, arising from, related to, or caused by the use of this document or the specifications herein, as well as associated guidelines and schemas. The use of said specifications shall constitute your express consent to the foregoing exculpation.

1.2 Copyright

©2012 RosettaNet. All rights reserved. No part of this publication may be reproduced, stored in a retrieval system, or transmitted, in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, without the prior written permission of the publisher. Printed in the United States of America.

1.3 Trademarks

RosettaNet, Partner Interface Process, PIP and the RosettaNet logo are trademarks or registered trademarks of "RosettaNet," a non-profit organization. All other product names and company logos mentioned herein are the trademarks of their respective owners. In the best effort, all terms mentioned in this document that are known to be trademarks or registered trademarks have been appropriately recognized in the first occurrence of the term.

1.4 Acknowledgments

This document has been prepared by RosettaNet (<http://www.rosettanet.org/>) from requirements gathered during the Milestone Program and in conformance with the methodology. Listed below are the legal entities that contributed to the design and development of this PIP.

Amkor Technology, Inc.	Avnet Applied Computing
EDIFICE	Intel Corporation
Intel Corporations	MIMOS Berhad
Motorola	Motorola Europe
Motorola Semiconductor Products Sector	Motorola SPS
National Semiconductor GMBH	Nokia Oyj
Philips Semiconductors	Sterling Commerce
STMicroelectronics	Texas Instruments
Texas Instruments (Global)	Texas Instruments Limited

1.5 Related Documents

- Associated PIP Message Schemas (included within the PIP Specification package only)
- Description of 3C6 Message
- Messages Structure
- XML instance of ebXML BPSS for PIP 3C6

1.6 Document Version History

<u>Version</u>	<u>Date</u>	<u>Description</u>
Validated 11.00.00	19 July 2006	Validated Version
Validated 11.01.00	05 November 2007	Validated Version for Schema to Market 2007
Validated 11.02.00	25 September 2009	Validated version for 2009 Maintenance
Validated 11.03.00	30 May 2012	Updated Version

1.7 Document Structure

A Partner Interface Process (PIP) Specification is comprised of the following two parts:

1. **Business Process.** Captures the semantics of the business process and the flow of the message exchange between roles as they perform business activities.
2. **Network and Implementation Specification.** Specifies the network protocol message formats and communications requirements between peer-protocols supported by network components in the RosettaNet Implementation Framework.

2 Business Process

2.1 Business Process Definition

The "Notify Of Remittance Advice" Partner Interface Process (PIP) enables a payer to send remittance advice to a payee. It is usually executed when an outstanding accounts payable balance (credit or debit) exists.

Remittance advice specifies monetary amounts and account reconciliation information.

After a provider uses either PIP3C3, "Notify Of Invoice" to issue an invoice or PIP3C5, "Notify Of Billing Statement" to issue a billing statement, a payer may use this PIP to indicate which payables are scheduled for payment. A billing statement covers all monetary amounts due over a period of time, whereas an invoice notification is sent only on an event-by-event basis.

Payment may be processed through a bank rather than directly from the payer to the payee. In this case, the payee could reconcile remittance advice with invoices and billing statements to determine which demands for payment are being paid. If the payment is not as anticipated, the payee performs a manual process to handle the discrepancy.

Should this transaction not complete successfully, the requesting partner executes PIPA01, "Notification of Failure."

2.2 PIP Scope Description

This PIP enables a payer to issue a remittance advice to a payee.

2.3 PIP Business Document

Business Document are generated and exchanged by roles performing activities in this PIP. Business Document is listed and defined in Table 1.

Table 1: PIP Business Document	
Business Document	Description
Remittance Advice Notification	Provides a detailed breakdown of a payment amount. It includes all credits, debits, discounts, adjustments taken on an invoice, and adjustment reason codes. A payment can attach a Remittance Advice Notification. Payment can be for products only, transportation, or other services.

2.4 PIP Business Process Flow Diagram

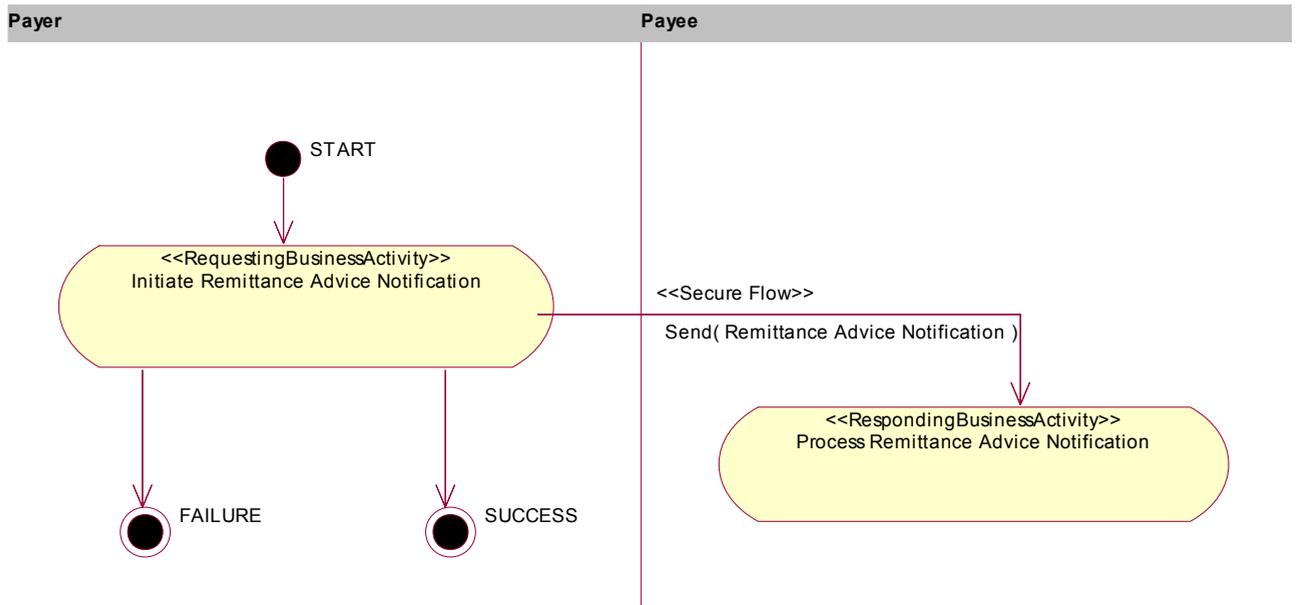


Figure 1: Activity Diagram of Notify Of Remittance Advice

2.5 PIP Start State

The start state is comprised of the following conditions:

Table 2: PIP Start State							
	Approved	Exist		Valid	Non-Repudiated	Retry Count	Authorized
		Party	In Backend System				
TPA	✓		✓				
Sending Partner		✓		✓			
Receiving Partner		✓					
Business Document			✓	✓	✓		✓

2.6 PIP End States

The end state is comprised of the following conditions:

Table 3: PIP End State							
	Approved	Exist		Valid	Non-Repudiated	Retry Count	Authorized
		Party	In Backend system				
Acknowledgment of Receipt			✓	✓	✓		
Receiving Partner							✓

The PIP failure state is comprised of one or more of the following conditions:

Table 4: PIP Failure State		
	NO	Exceeded
Success	✓	
Retry Count		✓

2.7 Partner Role Descriptions

Table 5 describes the partner roles in this PIP.

Table 5: Partner Role Description	
Role Name	Role Description
Payer	The party issuing a payment.
Payee	The party receiving a payment.

2.8 Business Process Activity Controls

Table 6 describes the interaction between roles performing business activity in this PIP.

Table 6: Business Activity Description		
Role Name	Activity Name	Activity Description
Payer	Initiate Remittance Advice Notification	The Payer issues a Remittance Advice Notification to a Payee.

Table 7 details the security, audit and process controls relating to activity performed in the PIP.

Table 7: Business Activity Performance Control							
Role Name	Activity Name	Acknowledgment of Receipt		Time to Perform	Retry Count	Is Authorization Required?	Non-Repudiation of Origin and Content?
		Non-Repudiation Required?	Time to Acknowledge				
Payer	Initiate Remittance Advice Notification	Y	2 hrs	N/A	3	Y	Y

3 Network and Implementation Specification

Each network component maps into a role of the PIP model. Table 8 specifies the mapping between roles and network components.

Table 8: Network Component Specification		
Network Component	Classification	Maps to Role in Business Process
Payer Service	Business Service	Payer
Payee Service	Business Service	Payee

3.1 Business Action and Business Signal Specifications

Each business action maps to a Business Document of the PIP model. Table 9 specifies the mapping between Business Documents and business actions.

Table 9: Business Action – Business Document Mapping		
Business Action	Business Document	Document Function
Remittance Advice Notification Action	Remittance Advice Notification	Request

3.2 Business Transaction Dialog Specification

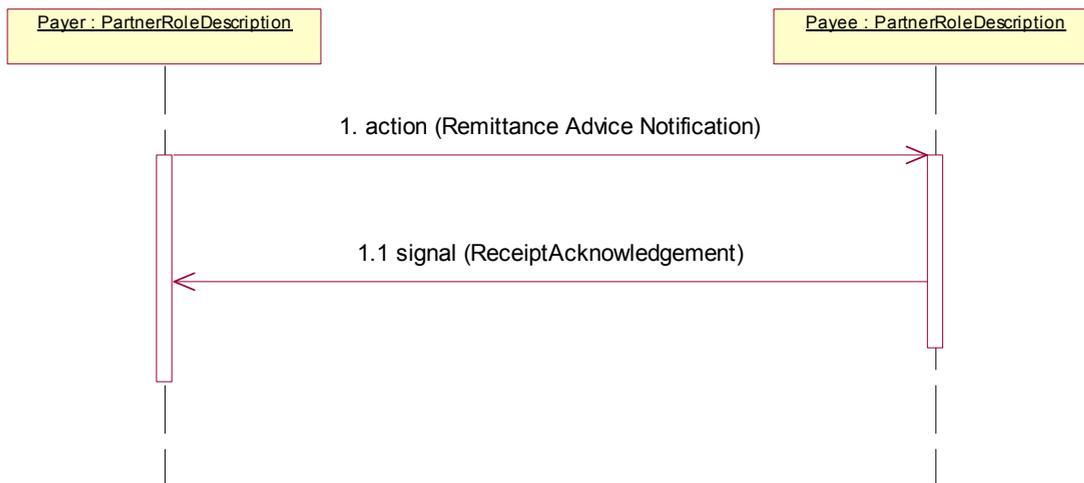


Figure 2: Sequence Diagram of Notify Of Remittance Advice

3.2.1 Message Exchange Controls

Table 10: Message Exchange Control							
#	Name	Time to Acknowledge Receipt Signal	Time to Respond to Action	Included in Time to Perform	Is Authorization Required?	Is Non-Repudiation Required?	Is Secure Transport Required?
1.	Remittance Advice Notification Action	2 hrs	N/A	N/A	Y	Y	Y
1.1.	Receipt Acknowledgment	N/A	N/A	N/A	Y	Y	Y

3.2.2 Communications Specification

Table 11: Dialog: Service-Service			
#	Business Message	Digital Signature Required?	SSL Required?
1.	Remittance Advice Notification	Y	Y
1.1.	Receipt Acknowledgment	Y	Y