

# Release Notes for PIP® 4C1

PIP® 4C1

**Validated 11.02.00**

<b>Specification Information</b>	
<b>Name</b>	Description of 4C1 Message
<b>PIP</b>	Distribute Inventory Report
<b>Cluster</b>	Inventory Management
<b>Segment</b>	Inventory Reporting
<b>Publication Date</b>	30 May 2012
<b>Version Identifier</b>	V11.02

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# 1 Document Management

## 1.1 Legal Disclaimer

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## 1.4 Related Documents

- Associated PIP Message Schemas (included within the PIP Specification package only)
- Description of PIP 4C1 Message
- Message Structure
- XML instance of ebBPSS for PIP 4C1

## 1.5 Purpose

This document describes the issues and resolutions pertaining to PIP 4C1 V11.01.00 and the changes that were made to develop PIP 4C1 V11.02.00.

## 1.6 Scope

This document contains information describing changes to PIP 4C1 including changes to the Description of Partner Interface Process, Description of Message. It does not contain other changes or information regarding other PIPs.

## 1.7 Document Version History

<u>Version</u>	<u>Date</u>	<u>Description</u>
Validated 11.01.00	7 August 2009	Update PIP version from V11.00.00 to V11.01.00
Validated 11.02.00	30 May 2012	Update PIP version from V11.01.00 to V11.02.00

## 2 Changes to "Description of Partner Interface Process" Document

Table 2.1: "Description of Partner Interface Process" Document Changes

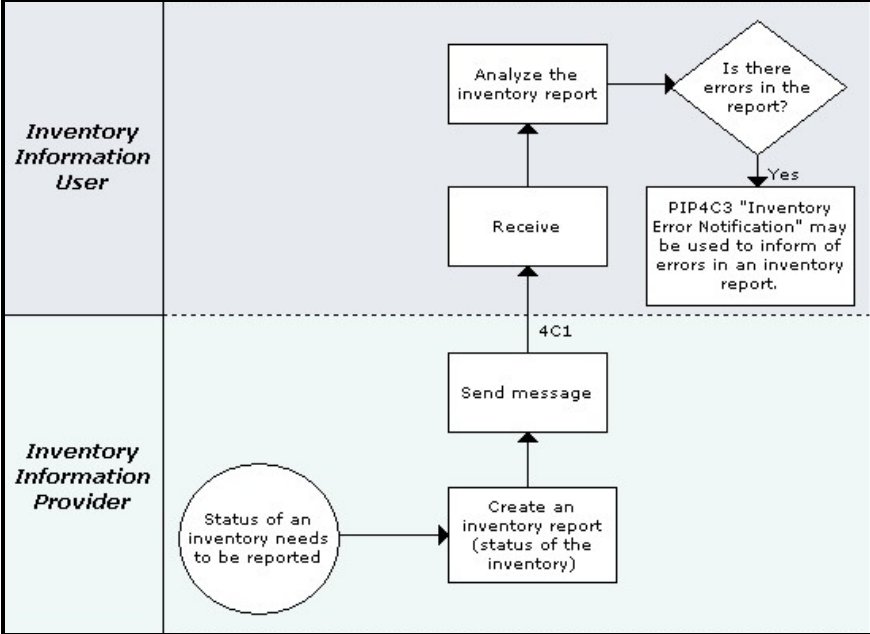
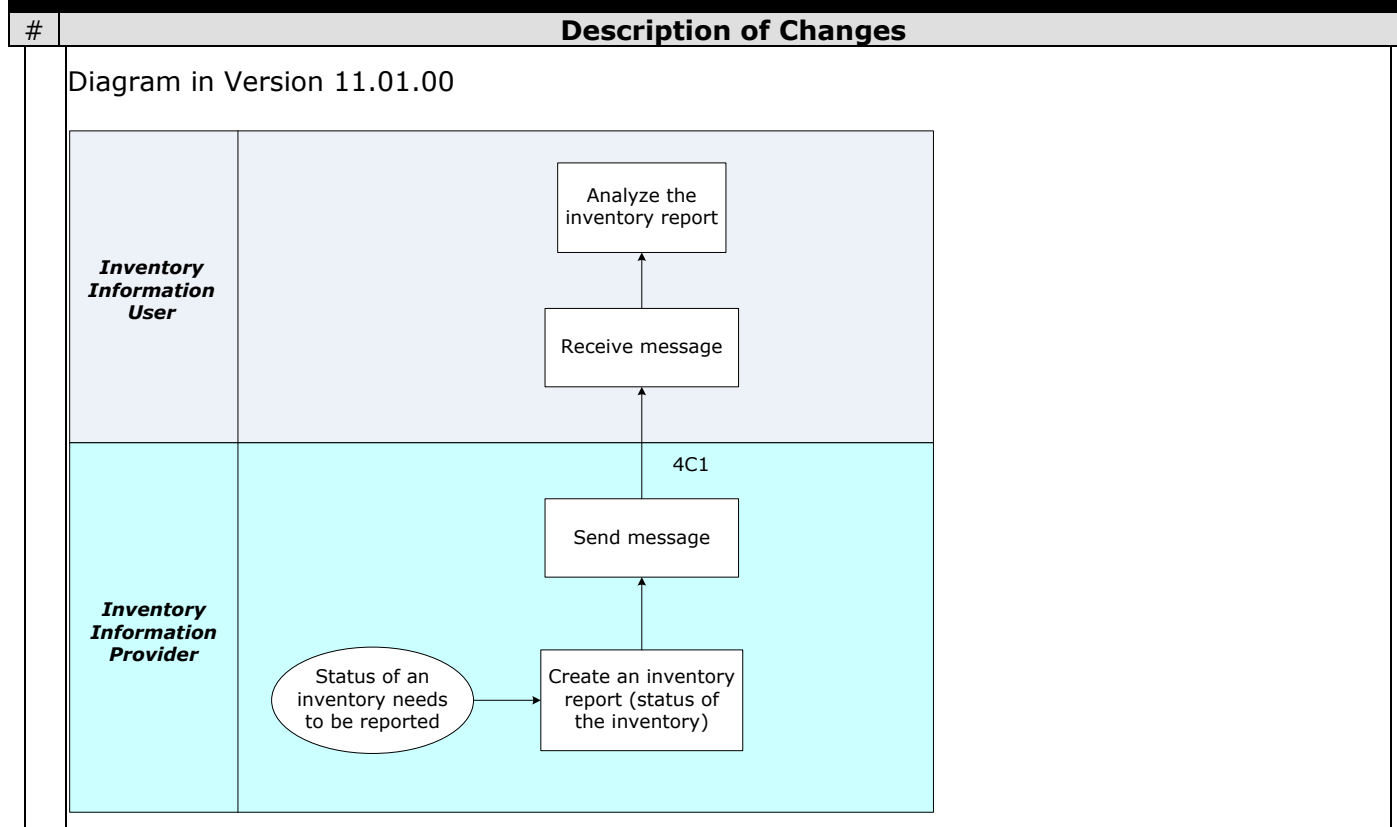
#	Description of Changes
1	<p>Updated Section 2.2.1 Business Process Scope Diagram with a more accurate diagram.</p> <p>Diagram in Version 11.00.00</p>  <pre> graph TD     subgraph Inventory_Information_User [Inventory Information User]         Analyze[Analyze the inventory report]         Receive[Receive]         Errors{Is there errors in the report?}         Notification[PIP4C3 "Inventory Error Notification" may be used to inform of errors in an inventory report.]         Analyze --&gt; Errors         Errors -- Yes --&gt; Notification     end      subgraph Inventory_Information_Provider [Inventory Information Provider]         Status((Status of an inventory needs to be reported))         Create[Create an inventory report (status of the inventory)]         Send[Send message]         Status --&gt; Create     end      Create -- 4C1 --&gt; Send     Send --&gt; Receive     Receive --&gt; Analyze     </pre> <p>The diagram illustrates the business process for distributing an inventory report. It is divided into two swimlanes: <b>Inventory Information User</b> and <b>Inventory Information Provider</b>.</p> <ul style="list-style-type: none"> <li><b>Inventory Information Provider (Light Blue):</b> <ul style="list-style-type: none"> <li>Starts with a circle event: "Status of an inventory needs to be reported".</li> <li>Followed by a task: "Create an inventory report (status of the inventory)".</li> <li>Then a task: "Send message".</li> </ul> </li> <li><b>Inventory Information User (Light Grey):</b> <ul style="list-style-type: none"> <li>Receives the message via a task: "Receive".</li> <li>Followed by a task: "Analyze the inventory report".</li> <li>Then a decision diamond: "Is there errors in the report?".</li> <li>If "Yes", it leads to a note: "PIP4C3 'Inventory Error Notification' may be used to inform of errors in an inventory report."</li> </ul> </li> <li><b>Message Flow:</b> An arrow labeled "4C1" connects the "Send message" task in the Provider swimlane to the "Receive" task in the User swimlane.</li> </ul>

Table 2.1: "Description of Partner Interface Process" Document Changes



### 3 Changes to Interchange Objects

Table 3.1: Interchange Changes

#	Description of Changes																		
1.	<p><b>CLASS:</b> Interchange::InventoryReportDistribution::InventoryReport::InventoryReportLineItem::InventoryProductQuantity::InventoryMovement</p> <p><b>ACTION:</b> add</p> <p><b>CHANGE(s):</b></p> <p>a. Added new class</p> <p><b>BUSINESS REQUIREMENT(s):</b></p> <p>Describing a stock movement with a from-inventory-type segment and a to-inventory-type segment and being able to identify a "movement type" attribute, for example, if this is a reversal movement or not. It also allows describing a status change of the inventory like from "Available" to "On Hold".</p> <p><b>Previous PIP Package Version:</b> V11.00.00</p> <p><b>New PIP Package Version:</b> V11.01.00</p> <div><div><div>InventoryMovement</div><div>type[0..1] : string</div></div><div><div>+fromStatus</div><div>+toStatus</div></div><div><div>0..1</div><div>0..1</div></div><div><div>&lt;&lt;codeList&gt;&gt;</div><div>InventoryType</div><div>(from RN_InventoryType)</div></div></div> <table><tr><th>Attribute</th><th>Type</th><th>Documentation</th></tr><tr><td>type[0..1]</td><td>string</td><td>The type of movement, e.g. reversal movement.</td></tr></table> <table><tr><th>Composition</th><th>Cardinality</th><th>Type</th><th>Documentation</th></tr><tr><td>fromStatus</td><td>0..1</td><td>InventoryType</td><td>The previous status of the inventory, e.g. "Available", "On Hold".</td></tr><tr><td>toStatus</td><td>0..1</td><td>InventoryType</td><td>The new status of the inventory, e.g. "Available", "On Hold".</td></tr></table>	Attribute	Type	Documentation	type[0..1]	string	The type of movement, e.g. reversal movement.	Composition	Cardinality	Type	Documentation	fromStatus	0..1	InventoryType	The previous status of the inventory, e.g. "Available", "On Hold".	toStatus	0..1	InventoryType	The new status of the inventory, e.g. "Available", "On Hold".
Attribute	Type	Documentation																	
type[0..1]	string	The type of movement, e.g. reversal movement.																	
Composition	Cardinality	Type	Documentation																
fromStatus	0..1	InventoryType	The previous status of the inventory, e.g. "Available", "On Hold".																
toStatus	0..1	InventoryType	The new status of the inventory, e.g. "Available", "On Hold".																
2.	<p><b>CLASS:</b> Interchange::InventoryReportDistribution::InventoryReport::InventoryReportLineItem::InventoryProductQuantity</p> <p><b>ACTION:</b> Modify</p> <p><b>CHANGE(s):</b></p> <p>a. Added optional composition to Inventory Movement class.</p>																		

Table 3.1: Interchange Changes

#	Description of Changes
	<p><b>BUSINESS REQUIREMENT(s):</b></p> <p>Describing a stock movement with a from-inventory-type segment and a to-inventory-type segment and being able to identify a "movement type" attribute, for example, if this is a reversal movement or not. It also allows describing a status change of the inventory like from "Available" to "On Hold".</p> <p><b>Previous PIP Package Version: V11.00.00</b></p> <pre> classDiagram     class InventoryProductQuantity {         deviceNumber[0..n] : string     }     class InventoryItemIdentification {         (from Procurement)     }     class InventoryType {         &lt;&lt;codeList&gt;&gt;         (from RN_InventoryType)     }     class ProductQuantity {         &lt;&lt;dataType&gt;&gt;         (from Shared)     }     InventoryProductQuantity "0..n" --&gt; InventoryItemIdentification     InventoryProductQuantity --&gt; InventoryType     InventoryProductQuantity --&gt; ProductQuantity     </pre> <p><b>New PIP Package Version: V11.01.00</b></p> <pre> classDiagram     class InventoryProductQuantity {         deviceNumber[0..n] : string     }     class InventoryItemIdentification {         (from Procurement)     }     class InventoryType {         &lt;&lt;codeList&gt;&gt;         (from RN_InventoryType)     }     class ProductQuantity {         &lt;&lt;dataType&gt;&gt;         (from Shared)     }     class InventoryMovement {     }     InventoryProductQuantity "0..n" --&gt; InventoryItemIdentification     InventoryProductQuantity --&gt; InventoryType     InventoryProductQuantity --&gt; ProductQuantity     InventoryProductQuantity "0..n" --&gt; InventoryMovement     </pre>
3.	V11.02.00 Updated domain structures to current versions.

Table 3.2: Interchange Code List Changes	
#	Description of Changes
	<b>-NIL-</b>



## 4 Changes to Domain Objects

Table 4.1: Domain Class Changes

#	Description of Changes
	<b>-NIL-</b>

Table 4.2: Domain Code List Changes

#	Description of Changes
	<b>-NIL-</b>

## 5 Changes to Universal Structure

Table 5.1: Universal Class Changes	
#	Description of Changes
	<b>-NIL-</b>

Table 5.2: Universal Code List Changes	
#	Description of Changes
	<b>-NIL-</b>

## 6 Changes to System Structure

Table 6.1: System Class Changes	
#	Description of Changes
	<b>-NIL-</b>

Table 6.2: System Code List Changes	
#	Description of Changes
	<b>-NIL-</b>