



2 **Pedigree Specification Release Note**

3 Release Note 1 for Pedigree Specification Version 1.0

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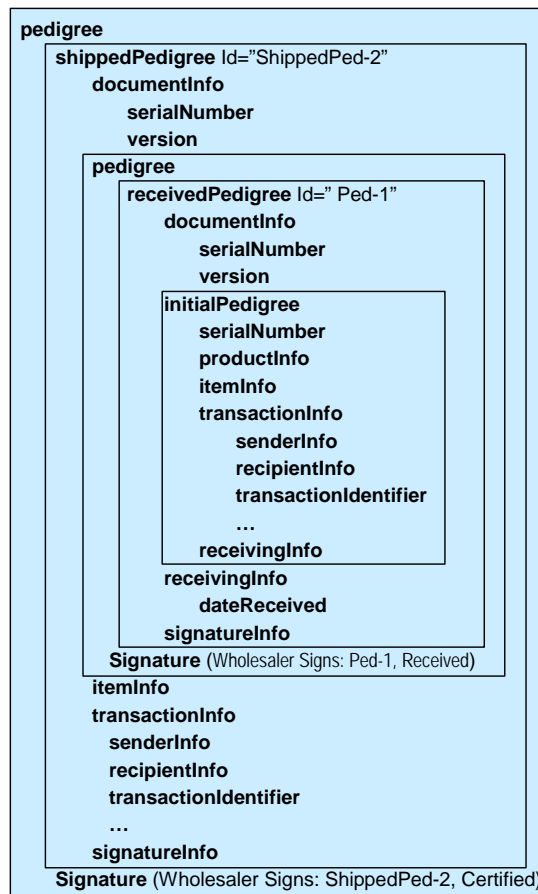
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18 1 Usage Guidelines for Creating and Appending Information 19 to Pedigrees (non-normative)

20 The following usage guidelines provide descriptions of the XML schemas can be used for various
21 use cases.

22 1.1 Pedigree Flow Initiated by Wholesaler with Product Receipt 23 Signature

24 The pedigree flow is described for a sale from a manufacturer to a wholesaler, when no pedigree is
25 provided by the manufacturer and the wholesaler initiates the pedigree and signs the initial pedigree
26 for product receipt. The pedigree is then updated for a sale from the wholesaler to a retail
27 pharmacy DC.



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Step	Details
<p>Wholesaler creates pedigree for product received from manufacturer and signs for receipt of product</p>	<ul style="list-style-type: none"> • The wholesaler generates the <code>initialPedigree</code>, which contains the <code>serialNumber</code> (unique serial number), <code>productInfo</code> (generic product information), <code>itemInfo</code> (identifies the specific items represented by the pedigree), <code>transactionInfo</code> (describes the sale from the manufacturer to the wholesaler and <code>receivingInfo</code> elements (identifies the receipt date of the products by the wholesaler). The wholesaler may optionally include the <code>attachment</code> element with the original EDI ASN document to support downstream trading partner authentication of the sale transaction from the manufacturer to the wholesaler. • To add the receipt signature, the wholesaler wraps the <code>initialPedigree</code> element in a <code>receivedPedigree</code> element, and adds the <code>documentInfo</code>, <code>receivingInfo</code> and <code>signatureInfo</code> elements as children of the new (wrapper) <code>receivedPedigree</code> element. The <code>documentInfo</code> identifies the new unique serial number for the pedigree document. The <code>receivingInfo</code> identifies the receipt date of the products by the wholesaler. It repeats the information added in the <code>initialPedigree</code>. The <code>signatureInfo</code> provides information about the signer and the meaning of the signature (e.g., "Received", "ReceivedandAuthenticated", "Certified"). • The <code>receivedPedigree</code> element is assigned an identifier that is unique within the pedigree document. • The <code>receivedPedigree</code> element is then wrapped in a <code>Pedigree</code> element, and the inner <code>receivedPedigree</code> element is digitally signed using the <code>Signature</code> element. The signature references the named <code>receivedPedigree</code> element.
<p>Wholesaler updates product with sale to retail pharmacy DC</p>	<ul style="list-style-type: none"> • Upon sale of the item, the wholesaler adds transaction information for the sale and signs the pedigree. The wholesaler wraps the <code>receivedPedigree</code> element in a <code>shippedPedigree</code> element, and adds the <code>documentInfo</code>, <code>transactionInfo</code>, <code>itemInfo</code> and <code>signatureInfo</code> elements as children of the new (wrapper) <code>shippedPedigree</code> element. The <code>documentInfo</code> identifies the new unique serial number for the pedigree document. The <code>itemInfo</code> identifies the products that are the subject of this transaction. The <code>transactionInfo</code> describes the transaction, including information about the sender, recipient, transaction identifier and date, and transaction type. The <code>transactionType</code> element defines whether the business transaction is a sale, transfer, or return. The <code>signatureInfo</code> provides information about the signer and the meaning of the signature (e.g., "Certified"). • The <code>shippedPedigree</code> element is assigned an identifier that is unique within the pedigree document. • The <code>shippedPedigree</code> element is then wrapped in a <code>Pedigree</code> element, and the inner <code>shippedPedigree</code> element is digitally signed using the <code>Signature</code> element. The signature references the named <code>shippedPedigree</code> element.

