**AEC Business Transactions Process**

**Date Updated:** 2005-02-03  
  
**Context of Use:** This is to document the AEC project required transactions for this project. This also documents some of the proposed scope and guidelines that will be used as a limited scope for this project.  
  
**Scope:** The Order Create & Order Response; Ship Notice; Invoice; Sales Reporting; Inventory Reporting. Out of scope: Return Orders and exchanges, Payment for products, program payments or program administration,Change Orders.   
  
**Primary Actor:** Seller  
  
**Stakeholders and Interests**

* **Seller:** Has products or services to provide
* **Buyer:** Has a need to purchase and sell or consume products or services
* **End User:** Has a need to consume products or use services.
* **Carrier:** Transport product(s)

**Preconditions**

* Buyer and Seller relationship is already established Seller and Carrier relationship established

**Main Success Scenario**

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| 1. | [Buyer orders products or services from Seller.](file:///C:\Users\Marilyn%20Hunter\Documents\Data\AgGateway\Councils\Crop%20Protection\Projects\Canadian%20CLA%20Project\Business%20Use%20Cases\AA2c.html) Related Message (v5.1.1): [http://www.rapidnet.org/Standards/documents/OrderCreateV202.xsd](file:///C:\Users\Marilyn%20Hunter\Documents\Data\AgGateway\Councils\Crop%20Protection\Projects\Canadian%20CLA%20Project\Business%20Use%20Cases\AA2b.htm)   Business Guidelines:   * Consignment title transfers will use the OrderCreate to transfer title for AEC Project * Orders within the AEC Project will be limited to crop protection and specialty (for those manufacturers who want to include in scope). Seed will not be in scope. |
| 2. | [Seller ships products or renders services to Buyer.](file:///C:\Users\Marilyn%20Hunter\Documents\Data\AgGateway\Councils\Crop%20Protection\Projects\Canadian%20CLA%20Project\Business%20Use%20Cases\AA2G.html) Related Message (v5.1.1): [http://www.rapidnet.org/Standards/documents/ShipNoticeV30.xsd](file:///C:\Users\Marilyn%20Hunter\Documents\Data\AgGateway\Councils\Crop%20Protection\Projects\Canadian%20CLA%20Project\Business%20Use%20Cases\AA2b.htm)  Business Guidelines:   * Buyer and Seller must determine if Buyer will receive the ShipNotice. |
| 3. | [Seller invoices Buyer for products or services.](file:///C:\Users\Marilyn%20Hunter\Documents\Data\AgGateway\Councils\Crop%20Protection\Projects\Canadian%20CLA%20Project\Business%20Use%20Cases\AA2e.html) Related Message (v5.1.1): [http://www.rapidnet.org/Standards/documents/InvoiceV30.xsd](file:///C:\Users\Marilyn%20Hunter\Documents\Data\AgGateway\Councils\Crop%20Protection\Projects\Canadian%20CLA%20Project\Business%20Use%20Cases\AA2b.htm)  Business Guidelines:   * Multiple discount dates will be used in AEC. Trading partners will need to discuss how those will be handled internally. |
| 4. | [Buyer consumes/transform or sells product and reports to Seller](file:///C:\Users\Marilyn%20Hunter\Documents\Data\AgGateway\Councils\Crop%20Protection\Projects\Canadian%20CLA%20Project\Business%20Use%20Cases\AA2d.html) Related Message (v5.1.1):   Business Guidelines:   * The Product Movement will not be used for consignment title transfer. Title transfer will use the Order process. Some of the senders may batch the transactions, others may send real time. Need to discuss with trading partner. |
| 5. | [Buyer reports an inventory status to Seller](file:///C:\Users\Marilyn%20Hunter\Documents\Data\AgGateway\Councils\Crop%20Protection\Projects\Canadian%20CLA%20Project\Business%20Use%20Cases\AA2f.html) Related Message (v5.1.1): [Ihttp://www.rapidnet.org/Standards/documents/InventoryActualUsageV202.xsd](file:///C:\Users\Marilyn%20Hunter\Documents\Data\AgGateway\Councils\Crop%20Protection\Projects\Canadian%20CLA%20Project\Business%20Use%20Cases\AA2b.htm)  Business Guidelines:   * The InventoryActualUsage will be sent weekly and a month-end frequency. The reporting is based on the distributor book inventory (not a physical inventory). |

**Extensions**  
Extensions for Step 1  
- Extension # 1: Seller unable to accept order as received.

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| 1. | Seller notifies Buyer that they are unable to accept order. |
| 2. | Buyer and Seller resolve dispute or correct unacceptable conditions. |

Extensions for Step 2  
- Extension # 1: Seller is unable to ship product or render services as requested.

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| 1. | Seller notifies Buyer they are unable to ship product or render services as requested. |
| 2. | Seller resolves with Buyer shipment conditions/or reason for inablility to render services. |
| 3. | Go to next step |

- Extension # 2: Buyer is picking product up from Seller

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| 1. | Go to next step. |

Extensions for Step 3  
- Extension # 1: Buyer does not agree with the invoice information received

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| 1. | Buyer notifies the Seller of dispute on invoice. |
| 2. | Buyer and Seller resolves dispute on invoice. |

Extensions for Step 4  
- Extension # 1: Seller unable to accept report as submitted.

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| 1. | Seller notifies buyer of issues with report submitted. |
| 2. | Seller and Buyer resolves issues on report. |

- Extension # 2: Seller finds errors or exceptions in report.

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| 1. | Seller notifies Buyer of errors or exceptions. |
| 2. | Seller & Buyer resolve errors or exceptions. |

Extensions for Step 5  
- Extension # 1: Seller unable to accept report.

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| 1. | Seller notifies Buyer of reasons that the report is unable to accept report. |

- Extension # 2: Seller finds errors or exceptions in report.

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| 1. | Seller notifies Buyer of errors or exceptions in report. |
| 2. | Seller and Buyer resolve errors or exceptions. |

**Postconditions**

* All appropriate transactions for the day have been reported for the AEC Project

**Notes**

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| 1. | For Product Movement Transaction - recommended that Price Adjustment be out of scope. |

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