



Property of WillowWare Incorporated

**Construction Material
U of M Conversions**



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Need Statement

Document	CCDA
<p>ACMECO sells drywall and other building materials. The products are purchased from vendors in many different units of measure, but are always treated as “eaches” by ACMECO.</p> <p>For example, drywall is purchased per Thousand Board Feet, but is sold as 1-Sheet. In some cases this conversion doesn’t result in an exact conversion—such as a conversion yielding 4.999 sheets which should actually be 5.</p> <p>Dynamics GP requires the unit of measure used on a Purchase Order Receipt and a Vendor’s Invoice to match the unit of measure used on the Purchase Order.</p> <p>Since ACMECO treats their inventory in whole units, the desired solution would allow them to set up inventory in whole units in Dynamics GP, while being able to:</p> <ul style="list-style-type: none">1- print Purchase Orders showing a Unit of Measure used by the vendor (such as MSF or MLF).2- Receive the Vendor’s Invoice in the vendor’s units of measure and easily match it to the quantity received (in whole units).	



Design Features

<i>Purchase Order Entry Enhancement</i>	CCDA
<p>This will allow a PO to be printed that shows the vendors unit of measure and quantity in the UoM, while still using “eaches” internally.</p> <p>Vendor Unit of Measure Maintenance – this window will allow creating a UoM conversion table between the Dynamics GP U of M for an Item and different UoMs used by vendors.</p> <p>Vendor Unit of Measure Selection – this window will be available from the Purchase Order Entry and Purchasing Item Detail Entry windows. It will convert from the UoM selected on the PO to any Vendor UoM set-up for the selected line item. The calculation will be returned into either (1) the Item Description field on the PO Line, or (2) the Vendor Item Description field on the PO Line.</p> <p>For example, the calculated amount for 546 Sheets might read “31.008 MSF”.</p> <p>This field (vendor item description/item description) can be added to the Purchase Order report so that it prints for the Vendor.</p> <p>The calculation will have no real effect on the Dynamics GP inventory system.</p>	

<i>Purchasing Invoice Entry Enhancement</i>	CCDA
<p>This feature will allow the user to make an easy conversion between a vendor's UoM on an Invoice and the number of EACHES received.</p> <p>Vendor Quantity Entry – this window will be available from the Purchasing Invoice Entry window in Dynamics GP. It will allow the user to:</p> <ul style="list-style-type: none"> - Select the Vendor's UoM - Enter the quantity and cost <p>The window will convert the Quantity to the Item's Base UoM (eaches), and calculate the cost per each. The calculations can be changed by the user (such as to correct a quantity if the rounding calculation is not correct). The calculated values (quantity, and unit cost), can then be automatically transferred back to the Purchasing Invoice line.</p>	