# Web Service Integration

### Option #1: Simplest Solution – LMS Shopping Cart

Client uses LMS Shopping Cart and payment processing system. At checkout funds will be deposited into clients PayPal Pro merchant account all handled through the LMS shopping cart. No web-service enrollment/subscription call is required.

#### User-flow:

* User will click on catalog and serach for products with the LMS.
* User will select “buy now” and the product item will be added to the LMS shopping cart.
* User will enter payment information and when they click checkout the payment information is sent to the client’s PayPal Pro accont for processing.
* The clients PayPal Pro account will process the transaction and report back to the LMS approval.
* Upon approval, user is now enrolled into the product they purchased.

### Option #2: LMS Catalog, AMS ecommerce (Integration Needed)

User clicks on “Buy Now” in the LMS catalog triggering client’s ebiz/AMS to handle the processing form that point. A call between the AMS and LMS is necessary to enroll the user – so the AMS can communicate to the LMS what the user actually purchased.

#### User-flow:

* User will click on catalog and serach for products with the LMS.
* User will select “buy now” and the product item will be added to the AMS shopping cart.
* User will stay with the AMS cart to complete the transaction.
* Web services Enrollment/Subscription call will be used by the AMS; the web-service call will tell the LMS what product to enroll that user into.

### Option #3: LMS Bagging, AMS Cart (Integration Needed)

The responsibilities are split. Bagging completed by LMS. Once user has completed bagging items, the cart is passed over for the checkout process by client’s ebiz/AMS system.

#### User-flow:

* User will click on catalog and serach for products with the LMS.
* User will select “buy now” and the product item will be added to the LMS shopping cart.
* Upon user clicking “check-out” the products in the LMS shopping cart will be transferred via web-service into the AMS shopping cart.
* User will stay with the AMS cart to complete the transaction.
* Web-services Enrollment/Subscription call will be used by the AMS; the web-service call will tell the LMS what product to enroll the user into.

### Option #4: AMS Catalog, ecommers only (Integration Needed)

Cleint catalog is hidden within the LMS. Enrollments are provided to us via client’s ebiz/AMS.

#### User-flow:

* There is no catalog on the LMS side.
* User will use AMS store and bag items within the AMS shopping cart.
* User will stay with the AMS cart to complete the transaction.
* Web-services Enrollment/Subscription call will be used by the AMS; the web-service call will tell the LMS what product to enroll that user into.

### Option #5: LMS Catalog and cart, AMS ecommerce (Integration Needed)

LMS handles the bagging and shopping cart up into the final payment collection. At that point the client’s ebiz/AMS will take over the payment process.

#### User-flow:

* User will click on catalog and serach for products with the LMS.
* User will select “buy now” and the product item will be added to the LMS shopping cart.
* User will enter payment information and when they click “check-out” the payment information is sent to the client’s PayPal Pro account for processing.
* Upon checkout the AMS ecommerce will complete the transaction. To the user they have not left the LMS shopping cart but the transaction is being processed by the AMS ecommerce.
* Web-services Enrollment/Subscription call will be used by the AMS; the web-service call will tell the LMS what product to enroll that user into.