How do I get set up to use IM-XML?

Minimum Requirements for IMXML

To implement IM-XML real time transactions you will need:
- ❑ An account with Ingram Micro (which means you have an Ingram Micro account number)
- ❑ Internet connection capable of executing an HTTPS post function
- ❑ Programming ability to create and understand XML documents (the 3 **options** for this are outlined below)
- ❑ A URL This is only required for the OE Async transaction.

Integration Options

After you have confirmed the previous your next step is to decide what **option** you would like to take to integrate with Ingram Micro's IM-XML solution. There are three options available to you:
Option 1: Develop a custom solution using your development resources i.e. an internal developer
Option 2: Use a pre-built solution from one of Ingram's certified store-front providers
Option 3: Use a pre-built solution from another third-party provider

Option 1: Develop a custom solution using your development resources.

To get set-up for IM-XML, there are a few steps you should follow.

1. If you do not currently have access to Ingram Micro's catalog, you need to request an **FTP price catalogue** set-up (please refer to your sales associate to determine which price file will suit you best)
2. You will need to request, complete and send the **IM-XML request form** to Ingram Micro's Electronic services support (ECS) team (electronic.services@ingrammicro.com)

The ECS team will send you send you a set-up package that includes your IM-XML admin credentials (log-in ID and password) and the FTP link with the credentials. Once you've received your set-up package, please contact ECS at 1 800 616 4665, option 1 and option 3 to get a password to unlock both IM-XML and FTP credentials PDF files. IMXML and FTP credentials will be sent in separate emails.

Option 2: Use a pre-built solution from one of Ingram's certified store-front providers

Order an existing solution from one of Ingram's certified store-front providers. Next contact Ingram's Electronic services support (ECS) team (electronic.services@ingrammicro.com) for IM-XML credentials (log-in ID and password) and FTP credentials. Once you received these notify your store front provider and they can aid you in the set-up steps.

Please refer to the Store front Options document to review your options

Option 3: Use a pre-built solution from another third-party provider

Confirm that the third-party application you have in mind will support for IM-XML. Purchase a third-party application and contact Ingram's Electronic services support (ECS) team (electronic.services@ingrammicro.com) for IM-XML credentials (log-in ID and password). Once you received these, notify your third party provider and they can aid you in the set-up steps. You may only need to use the IM-XML credentials (log-in ID and password) provided to you from Ingram Micro.

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What's included in your integration package:

- ❑ How do I get set up to use IM-XML?
- ❑ The Store front Options 2008
- ❑ Setup guide
- ❑ IM-XML V2 documentation
- ❑ The schemas for the different transactions (.xsd files)

What is a XML Schema?

- ❑ An XML Schema explains the structure and data rules that are applied to all inbound and outbound XML transactions. Schemas are used to dictate how XML documents are created so that they conform to a particular standard, which in this case is the Ingram Micro transaction standard.

Ingram Micro IM-XML Transactions:

- ❑ Are written specifically for use with Ingram Micro and will not work with anybody else.
- ❑ Means proprietary development which means defining the data according to Ingram Micro standards
- ❑ Have many tools that are publicly available that can convert to and from different standards. It would be possible to convert the IM-XML standard to a commonly used standard

Ingram Micro has the following IM-XML Transactions:

- ❑ ***Price & Availability v2.0 (P&A):*** Up to 50 Ingram Micro SKUs can be queried in a single IM-XML transaction
- ❑ **There are two types of IM-XML orders**:
    - o ***Synchronous Order Request v2.0 and Asynchronous Order Request v2.5:*** Standard products can be ordered.
    - o ***Dtype Order Request v2.0*** (Licenses): License products can be ordered
- ❑ ***Order Change v2.0***: Allows all details (such as quantity, SKU, ship to address) to be changed by the Trading Partner before the order is released
- ❑ ***Order Status v2.0***: Includes fundamental order status information such as Ingram Micro sales order number, customer purchase order number, order entry date, order suffix, total sales amount, status (such as shipped, billed, back-ordered), invoice date, ship date, credit memo)
- ❑ ***Order Detail v2.0***: Highly detailed containing a large amount of data such as weight, order entry date, sales total, freight total, tax total, grand total, ship to attention, ship to address, bill to address, order status, carrier, ship date, SKU, manufacturers SKU, order quantity, back order quantity, unit price, SKU description, IM line number, customer line number, serial numbers, comments
- ❑ ***Order Tracking v2.0***: Includes focused tracking data such as Ingram Micro sales order number, weight, carton count, order suffix, carrier, package ID, ship date, box number, tracking URL, Ingram Micro SKU
- ❑ ***Baserate v1.0***: A sorted list of carrier code, freight rate, and transit information specific to an order distribution is returned to help you select the most appropriate shipping option for your order before the order is released.
- ❑ ***RMA Submittal v1.0***: enables partners to submit detailed information on particular products to Ingram for a Return on Merchandise.