

GS1 Canada eCommerce Solution Machine-to-Machine (M2M) Data Loading Options



You've already invested in capturing and storing high-quality, global-standard images and bilingual on-pack data, so why send in your products to have them captured again?

If your content meets the ECCnet Phase 2 - eCommerce specifications, there is now a new option to share it with your trading partners.

GS1 Canada can assist you with setting up an API (Application Program Interface). This API acts like a pipeline for transferring your product images and on-pack data from your systems into The Vault - eCommerce.

With an API you will no longer have to send product samples to GS1 Canada for content capture, saving time and money. Once an API is established, GS1 Canada will validate and distribute your eCommerce content to your trading partners to ensure that it is always up to date.

GS1 Canada will work with you directly to facilitate each step of the process and will provide detailed guidelines and documentation.

Capitalize on your existing investment and get M2M today.

How the data flows



How GS1 Canada guarantees the quality of your data

To enable you to meet your trading partner requirements, we will work closely with you -

- **Before the API is set up:** we will ensure that your images and data match the strict specifications needed to be accepted by your trading partners.
- **Once the API is in place and tested:** we will receive data through the API and ensure it is accurate and complete through a validation process.
- **Once consistent quality is confirmed:** we conduct periodic audits to ensure that the data continues to meet stringent accuracy and completeness thresholds vs. a per product validation process.

How it works

Different manufacturers and distributors will need different amounts of time to set up an eCommerce M2M API, depending on their needs.

The establishment of the API occurs in four stages:

Content Analysis	During this stage, we assess the overall quality of your content to make sure the information in your system matches requirements in our system. If it doesn't, we'll work with you to get your data to a place where it is ready to share.
Technical Workshop	Once minimum data completeness and accuracy has been reached, a workshop is held to identify the key technical considerations, initial timelines and key resources.
Technical Integration / Quality Assurance Testing	At this point, the API is established and quality assurance testing begins. Images and data are verified by GS1 Canada for quality and integrity.
Live Supplier Feed	Once there is full confidence that the API is supplying accurate and complete data, it can run on its own as the sole provider of product content. GS1 Canada then conducts periodic audits to ensure content is maintaining at least 98% data integrity.

How to get started

With this document you should have received the following resources. It is recommended that you engage with them in the following order and share them with to the appropriate teams.

If you have not received these resources, please contact your GS1 Canada account manager.

#	Resource	What it is for	Who this is relevant to
1	FAQs (eCommerce M2M FAQ)	Answering high level questions about the M2M process.	All teams
2	Vault Integration Guide (R1_VaultIntegratedDataGuide)	Explains the integration process in technical terms and provides the foundation for understanding the attribute template	Business and Technical teams
3	eCommerce Attribute Template (GS1Canada_eCommerce_AttributeTemplate)	Maps brand owner attribute fields and helps align them with GS1 Canada's attributes.	Technical teams
4	Images Specifications (GS1CA_M2M_image standards)	Outlines image requirements when sending electronically	Technical & Images teams
5	Example Product (XML_v5_Import) (local-file-T1)	An XML file of a sample product that demonstrates how to structure XML output files	Developers
6	XML (XML_v6)	Raw XML file to assist in testing code for errors and/or compliance	Developers

For a full demonstration of GS1 Canada's machine-to-machine process for eCommerce content and how it works,

contact your GS1 Canada account manager

ABOUT GS1 CANADA

GS1 is a neutral, not-for-profit organization that develops and maintains global standards that improve the efficiency, safety and visibility of supply chain practices. Operating in more than 25 sectors, GS1 standards create a common business language that fuels systems and processes across the globe. GS1 Canada delivers perpetually updated and cleansed, bilingual product data to organizations of all sizes to help meet Canadian trading partner requirements and address sector-wide issues.

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