This Product Description describes the functionality and usage requirements for the 1WorldSync Data Synchronization Solution (hereafter “Data Sync”) for data sources as of the effective date shown above. This Product Description forms part of the Contract to provide your company (Company) with the Data Sync Solution. Capitalized terms used but not defined herein have the definitions assigned to them in the other applicable Contract documents.

GDSN Data Pool Service

1WorldSync is a certified interoperable data pool that participates in the GDSN by providing data synchronization services for its trading partners. Data Sync includes access to a web and machine-to-machine interfaces that allows Company to synchronize certain of Company’s Content with other trading partners who participate in the GDSN. Data Sync employs GDSN certified and GS1 standards-conformant messaging and methodologies. In addition, validations are applied to submitted attributes to help ensure the accuracy of the data that is shared by trading partners.

Implementation Options

1WorldSync offers two (2) implementation options to implement Data Sync, as further described below. Company must choose and implement one of these options to receive access to the GDSN via Data Sync.

- **Onboard Support through 1WorldSync.** With the Onboard Support option, Company will receive technical assistance to help Company prepare and synchronize its Content via the GDSN. This option includes preparation, testing and assistance with the GDSN-setup process, and is driven by 1WorldSync support staff. Choosing the Onboard Support option provides the greatest assurance that Company’s Content will be formatted and prepared properly, so that Company can quickly start complying with its trading partners’ requirements and begin realizing the business benefits of data synchronization.

- **Implementation with a Certified Solution Partner.** Company may choose a Certified Solution Partner of 1WorldSync to assist with managing its data synchronization initiative. Certified Solution Partners provide products and/or services to assist Company in achieving successful data synchronization implementation with the GDSN. All Certified Solution Partners have been certified as having met 1WorldSync’s requirements for accessing the 1WorldSync System. Please contact 1WorldSync at 1-866-280-4013 to obtain a list of Certified Solution Partners.

Requirements

GS1 and GDSN Standards Adoption. In order to use Data Sync, Company must have correctly adopted the applicable GS1 product identification and measurement standards. Company is strongly advised to review the applicable documentation from both GDSN Data Excellence, Inc. and Company’s data recipients on the preparation of Content to be published to them.

Data Entry

Data Sync requires that Company provides its content via the web interface provided as part of the 1WorldSync System or via a single node (such as connection via AS2) as described further below. If Company desires to provide its data through multiple nodes or AS2 connections, Company will be required to contract and pay for additional Professional Services. Upon Company’s request, 1WorldSync will provide Company with a custom quote and Statement of Work for such Professional Services. If Company desires 1WorldSync to enter or assist with entering this Content into the 1WorldSync System, Company may purchase Data Loading and Maintenance (DLM) Services from 1WorldSync. Data Sync does not include these or any other 1WorldSync products or services unless they are separately contracted and paid for by Company.

- **Quick Connect/Spreadsheet** Upload Users must use the 1WorldSync spreadsheet that is provided by 1WorldSync. Users of Quick Connect must not modify the functionality of the 1WorldSync spreadsheet.
AS2 Users using the Applicability Statement 2 “AS2” standard for communications must adhere to the following rules:

• Multiple, simultaneous (close in time) business transactions for a given company must be sent via batch messages and not in multiple, individual messages. The maximum number of documents allowed in a single XML message is 1000. Sending XML messages of a specific type (for example, Catalog Request) must not be any more frequent than once every 5 minutes unless the message contains at least 1000 documents.

• The “listener” endpoint must be running during processing of messages until all transactions are processed and reconciled. (The AS2 “listener” is the client side software/routine that waits for the response message and prevents inadvertent Denial of Service attacks that may result in deactivation.)

• Users must provide around the clock (24 x 7) technical phone contact

• Users must use an AS2 solution that is certified by DGI (Drummond Group Inc.)

• No more than 10 concurrent connections are allowed.

• Must be able to use publicly available hostnames (not IP addresses).

• When sending an asynchronous message and receive a HTTP 200 response but no MDN, wait at least an hour to retry sending the message again. The number of retries should be limited to 3.

• The maximum file size or XML message size is 75MB.

Support

Technical Call Center. 1WorldSync provides technical support for data loading issues, error-management and transactional functions not available externally at 1-866-280-4013 or via email at technicalsupport@1worldsync.com.

Administrative and Billing Support. For administrative and billing issues, please contact 1WorldSync customer support at 1-866-280-4013 or at businesssupport@1worldsync.com.

Online Documentation and Reference. All 1WorldSync customers receive access to 1WorldSync’s proprietary online reference library, known as the 1WorldSync Solution Center. Access is limited to individuals who have been registered by 1WorldSync as authorized users of the 1WorldSync System. The 1WorldSync Solution Center can be found on the 1WorldSync website at www.1worldsync.com.

Training

During the initial 90-day period of the Contract, Company will receive access to 1WorldSync-sponsored web seminars that provide basic training on the GDSN and the 1WorldSync System. Company will also be assigned a 1WorldSync Senior Account Specialist (SAS), who will be Company’s single point of contact as you become acquainted with the 1WorldSync System during this initial period. Following this period, Company will have access to the 1WorldSync Solution Center and Company may separately pay for and attend 1WorldSync’s Essentials LIVE training classes.

Test Environment

Company will receive access to 1WorldSync System test environment as needed in accordance with its usage of the 1WorldSync System to send data to other trading partners via the GDSN.

Community Updates

As part of the Data Sync Solution, Company is entitled to receive relevant community updates and other newsletter publications as offered by 1WorldSync.

Catalog1™

Catalog1 provides participants with the ability to capture, manage and store Content, as well as to collaborate with other 1WorldSync community members, using a web-based interface and available Catalog1 Apps. When used in conjunction with Catalog1 Apps, Catalog1 is a robust solution for the storage, validation and distribution of Content.

Catalog1 Apps identify product attribute requirements for specified retailer, industry and regulatory recipients, and provide additional functionality that leverage the data stored in Catalog1. Through Catalog1, users can view and retrieve Catalog1 Apps in accordance with the access rights and authorizations established by 1WorldSync through the Catalog1 setup process based on Company’s status as a Catalog1 user. Users can also use Catalog1 to capture Content for Catalog1 App recipients, perform validations of the Content using rules defined by those recipients, and distribute the Content to those recipients. Catalog1 is also used as an add-on for many 1WorldSync GDSN source data pool subscribers who want to top off their GDSN data to share with Non-GDSN recipients. In addition, certain Catalog1 Apps perform functions such as to allow data to be presented to recipients in a more user friendly environment, or to allow data to be displayed on other
websites with minimal effort. While Catalog1 utilizes standard security protocols for Internet-based transmissions, they occur outside of the GDSN and may use third-party infrastructure components, including cloud-based servers.

The specific terms and conditions for access to and use of individual Catalog1 Apps will be available for each individual Playlist add-on through the Catalog1 Solution. Company shall treat all recipient-specific product attribute requirements made available to Company through its access to Catalog1 Apps as Confidential Information of 1WorldSync according to the terms of the Agreement.

**Data Formatting Requirements**

Usage of Catalog1 requires adoption and correct usage of Content formatting and publishing standards for the selected individual Catalog1 Apps. Company is strongly advised to review the applicable Catalog1 Apps documentation on the preparation of Content to be published using Catalog1 Apps.

**Data Distribution**

Content is shared with recipients by a variety of mechanisms, based on recipient specific requirements of the Catalog1 App. These mechanisms may include, for example, AS2, HTTPS, UI File Downloads, SFTP and other means of electronic transmission of data. For specific distribution mechanisms, please refer to the appropriate Catalog1 App documentation.

**Catalog1 Updates**

1WorldSync reserves the right to add, remove or alter any functionality of Catalog1 or any Catalog1 Apps made available through the Catalog1 Solution at any time, with or without notice. However, such modifications will not substantially diminish the overall functionality of the Catalog1 Solution.

**Catalog1 App Updates**

1WorldSync obtains Catalog1 App information provided through Catalog1 from external retailers and other third parties. Therefore, 1WorldSync does not have any influence on the correctness, completeness or topicality of this information as presented via Catalog1. Nevertheless, 1WorldSync will use commercially reasonable efforts to keep all Catalog1 Apps accessible through Catalog1 reasonably updated. However, as 1WorldSync depends on receiving updates from retailers and others regarding applicable product attributes and related matters, 1WorldSync makes no guarantee that any Catalog1 Apps made available through Catalog1 are or will remain current or error-free, or that such items will meet Company's expectations. 1WorldSync reserves the right to add, remove or alter any Catalog1 Apps made available through Catalog1 at any time, with or without notice.

**Additional Services**

Catalog1 does not include entry of Company’s Content into the web interface provided as part of the Catalog1 Solution. If Company desires 1WorldSync to enter or assist with entering this Content into the 1WorldSync System on their behalf, it must purchase additional Professional Services from 1WorldSync. The Catalog1 Solution does not include these or any other 1WorldSync products or services unless they are separately contracted and paid for by Company. Upon Company’s request, 1WorldSync will provide Company with a custom quote and Statement of Work for such Professional Services.

**ContentNOW™**

The ContentNOW platform allows users to access selected product information, including images and videos, published to various target markets and open communities through which they are available to all subscribers to those communities via the Global Data Synchronization Network (GDSN), Web-based application program interfaces (APIs) or other data feeds.

1WorldSync enables brand owners to publish product information, including images and videos (Open Content) to various target markets (Germany, the U.S., etc.) and other communities using 1WorldSync’s ContentNOW platform. Open Content published to target markets or open communities is available to all subscribers to those markets and communities (Subscribers) via the GDSN, Web-based application program interfaces (APIs) or other data feeds, and 1WorldSync and others are able to monitor and report on how it is accessed by those Subscribers. While ContentNOW utilizes standard security protocols for Internet-based transmissions, they occur outside of the GDSN and may use third-party infrastructure components, including cloud-based servers.

To the extent Company accesses the 1WorldSync’s ContentNOW platform using a web-based application program interface (API), it shall only (i) retrieve specified Content in response to customer-submitted queries for such Content; and (ii) allow Company's customers to view the retrieved and/or stored Content through Company's owned or controlled external-facing applications only. In addition, unless Company is a GDSN data sync customer of 1WorldSync, Company shall not temporarily store or cache such specified Content for a period exceeding 24 hours. Other than in accordance with the foregoing, Company shall not access, cache, store, retain, or in any way compile any copies or portion of any
Content obtained through API access to the ContentNOW platform. Company is expressly prohibited from using API access to the ContentNOW platform to create a database or data set by systematically downloading and storing Content.

**ContentSync™**

1WorldSync's ContentSync solution allows Company to transmit product data and Content to recipients using Web-based APIs. As APIs become more commonplace, some recipients may require this method of transmission in order to exchange product information. Please note that you may not be able to send your product information to such organizations without using an API-based method like ContentSync. While ContentSync utilizes standard security protocols for Internet-based transmissions, they occur outside of the GDSN and may use third-party infrastructure components, including cloud-based servers.

By publishing Company's Content to recipients using ContentSync, you are electing to use this method of transmission and these infrastructure components on behalf of Company. If you do not wish to do this, you should not use ContentSync to publish Company's data/content to those recipients.
The following Catalog1™ Apps are included with the product offering selected by Company at no extra charge:

1. Product Showcase App
2. Google App
3. Walmart App

**Product Showcase App** – Using this B2B Community-based application, Company can publish its content to global buyers on a product showcase with 1WorldSync. Buyers or app developers can elect to connect directly with Company and set up commercial arrangements to drive their business. When ready, Company can publish its product information via Product Showcase and make it available to its customers and partners via an API as web-digital-ready content, to speed the time for new product listing on Company’s partner's app or eCommerce sites. Note, the Product Showcase App enables Content publication to Open Communities. Additional terms and conditions regarding such Content are set forth elsewhere in the Contract.

**Google App** – The Google App will allow Catalog1 users to access the attribute playlists that adhere to Google’s product data specification (attribute requirements found on Google Merchant Center) and the option to export their product data information into the tab-delimited (.tsv) file format accepted by Google’s Manufacturer Center.

**Walmart App** – The Walmart App provides users with a new ‘Content Service Provider (CSP)’ API connection to Walmart, simplifying and accelerating product sellers’ ability to list products on Walmart.com.
This Product Description describes and forms part of our Contract to provide your company ("Company") with Product Introduction Service (hereafter called "Product Introduction Service" or "PI") as of the effective date shown above. Capitalized terms used but not defined herein have the definitions assigned to them in the 1WorldSync, Inc. General Terms and Conditions.

Services

1WorldSync offers the Product Introduction Service to provide participants with a methodology and a web interface to collaborate and incorporate GDSN standards based processes and data to streamline the new item product listing process with PI demand side recipients. Company will receive 1WorldSync technical assistance to help them prepare and synchronize their new product data. This service includes support for preparation, testing, and assistance to ensure quick implementation. 1WorldSync offers its PI Service to Company for duration of the PI Term.

GDSN Data Pool Requirements

Company may or may not be required to participate in the Global Data Synchronization Network (GDSN) to utilize the Product Introduction Services, which shall be determined based on each Recipient’s PI requirements.

Data Formatting Requirements

Usage of PI requires adoption and correct usage of product identification and measurement standards. Company is strongly advised to review the applicable documentation from GS1, GDSN Data Excellence, Inc. and Company’s Data Recipients on the preparation of Content to be published to them.

- **AS2** Users using the Applicability Statement 2 “AS2” standard for communications must adhere to the following rules:
  - Multiple, simultaneous (close in time) business transactions for a given company must be sent via batch messages and not in multiple, individual messages. The maximum number of documents allowed in a single XML message is 1000. Sending XML messages of a specific type (for example, Catalog Request) must not be any more frequent than once every 5 minutes unless the message contains at least 1000 documents.
  - The “listener” endpoint must be running during processing of messages until all transactions are processed and reconciled. (The AS2 “listener” is the client side software/routine that waits for the response message and prevents inadvertent Denial of Service attacks that may result in deactivation.)
  - Users must provide around the clock (24 x 7) technical phone contact
  - Users must use an AS2 solution that is certified by DGI (Drummond Group Inc.)
  - No more than 10 concurrent connections are allowed.
  - Must be able to use publicly available hostnames (not IP addresses).
  - When sending an asynchronous message and receive a HTTP 200 response but no MDN, wait at least an hour to retry sending the message again. The number of retries should be limited to 3.
  - The maximum file size or XML message size is 75MB.

Additional Services

The PI Solution does not include any customization or configuration of the PI Solution, or other 1WorldSync products or services unless they are separately contracted and paid for by Company. Upon Company’s request, 1WorldSync will provide Company with a custom quote and Statement of Work for such Professional Services.

Support

**Technical Call Center.** 1WorldSync provides technical support for PI at 1-866-280-4013 or via email at technicalsupport@1worldsync.com.

**Administrative and Billing Support.** For administrative and billing issues, please contact 1WorldSync customer support at 1-866-280-4013 or at businesssupport@1worldsync.com.

**Documentation and Training.** In addition to written documentation, 1WorldSync provides web based training for Product Introduction.
Community Updates

As part of the Product Introduction Solution, Company is entitled to receive relevant community updates and other newsletter publications as offered by 1WorldSync.
This Service Description describes the functionality and usage requirements for the 1WorldSync Data Accuracy Scorecard Services (hereafter called “DAS”) as of the effective date shown above. This Service Description forms part of our agreement to provide your company (Company) with Data Accuracy Scorecard Services. Capitalized terms used but not defined herein have the definitions assigned to them in the General Terms and Conditions.

Services

1WorldSync provides DAS to Company, which enables Data Sources and Data Recipients with the ability to monitor and report on the accuracy of Content in 1WorldSync as compared to Measured Content provided by the Data Recipient or a Certified Solution Partner. Data Sources and Data Recipients expressly understand and authorize 1WorldSync to use Measured Data provided by its Certified Solution Partner(s) in calculating its Company’s Scores, to the extent such Content is available. Company expressly understands and agrees that any Scores calculated by 1WorldSync under this Service may be provided to other trading partners, provided that Company’s name or any other uniquely identifiable information is not provided to another Data Source.

GDSN Data Pool Requirements

Participants in DAS must participate in GDSN data synchronization with a GDSN certified Data Pool such as 1WorldSync.

Data Formatting Requirements

Usage of DAS requires adoption and correct usage of product identification and measurement standards. Company is strongly advised to review the applicable documentation from GS1, GDSN Data Excellence, Inc. and its Data Recipients on the preparation of Content to be published to them.

- AS2 Users using the Applicability Statement 2 “AS2” standard for communications must adhere to the following rules:
  - Multiple, simultaneous (close in time) business transactions for a given company must be sent via batch messages and not in multiple, individual messages. The maximum number of documents allowed in a single XML message is 1000. Sending XML messages of a specific type (for example, Catalog Request) must not be any more frequent than once every 5 minutes unless the message contains at least 1000 documents.
  - The “listener” endpoint must be running during processing of messages until all transactions are processed and reconciled. (The AS2 “listener” is the client side software/routine that waits for the response message and prevents inadvertent Denial of Service attacks that may result in deactivation.)
  - Users must provide around the clock (24 x 7) technical phone contact
  - Users must use an AS2 solution that is certified by DGI (Drummond Group Inc.)
  - No more than 10 concurrent connections are allowed.
  - Must be able to use publicly available hostnames (not IP addresses).
  - When sending an asynchronous message and receive a HTTP 200 response but no MDN, wait at least an hour to retry sending the message again. The number of retries should be limited to 3.
  - The maximum file size or XML message size is 75MB.

Support

Technical Call Center. 1WorldSync provides technical support for DAS at 1-866-280-4013 or via email at technicalsupport@1worldsync.com.

Administrative and Billing Support. For administrative and billing issues, please contact 1WorldSync customer support at 1-866-280-4013 or at businesssupport@1worldsync.com.

Training

1WorldSync provides online documentation to support the usage of DAS, via the usage of the “Help” tab in the DAS online web interface. Here you will be able to locate educational videos and documentation that will provide the details on the features and functionality of the scorecard and offer the best practices to use the scorecard.