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DP001 - Distribute Product Information for Audio Visual Photography, Electronics, Communications, Computing and Appliance ProductsGDS Context Report

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Document Summary

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Change Log

Date of Change	Version	Changed By	Reason for Change	Summary of Change
5-Feb-2013	0.0.1	Mark Van Eeghem	Initial Draft	n/a
17-Jun-2013	1.0.0	Mark Van Eeghem	Comment Resolution for Community Review	See Section Summary of Changes
15-Sept-2014	1.0.1	Eric Kauz	Round 3 Changes	
27-Aug-2015	3	Mark Van Eeghem	Schema Drop September 2015	See Section Summary Of Changes
27-Jun-2016	5	Mark Van Eeghem	3.1.2 Maintenance Release	See Section Summary Of Changes
11-Aug-2016	6	Mark Van Eeghem	3.1.2 Maintenance Release	See Section Summary Of Changes

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1 Business Domain View

1.1 Business Need

GDSN Major Release 3.1 is contrary to previous releases based on a Modular Item approach. In previous releases all Trading Partner Neutral Information was included in one big string of classes associated with Trade Item. Extensions were created for different areas, allowing inclusion of classes specific to particular areas. (e.g. Audio Visual Photography, Chemical Ingredients, Apparel and Home Fashion, Healthcare and Food and Beverage).

Major Release 3 is the first release of GDSN having multiple specialized contexts. These contexts facilitate the assignment of reusable modules to a specific context. They have been created around specific GPC Segments, Classes and Bricks. It are these GPC elements which define the inclusion of modules into a particular context.

Context documents are not a Business Message Standard, but rather a help in identifying the constituent parts of a given context.

The context documents contain the following elements:

- A list of the GPC Segments, Classes and Bricks defining the specific Context
- A list of the modules assigned to the specific Context
- The Global Data Dictionary (GDD) reports for the included modules
- The Class Diagrams for the included modules
- The list of Validation Rules specific for the specific Context

Please refer to the GDD for detail on specific elements in the Context Documents.

1.2 Objective

To supply the detailed design of the (specific) business information needed to meet the requirements for Data Alignment within the context of:

- Audio Visual Photography Electronics Communications Computing Appliances

1.3 Audience

The audience of this particular contextdocument would be any participant in the global supply chain. This would include retailers, manufacturers, service providers and other third parties.

It is specifically intended for those participants interested in the Audio Visual Photography Electronics Communications Computing Appliances context.

1.4 References

Reference Name	Description
[1] BMS Shared Common Library Release 3.1	
[2] Trade Item Library Release 3.1	
[3] BRAD for Major Release GDSN 3.X	
[4] GDD (http://apps.gs1.org/gdd)	



2 Business Context

Context Category	Value(s)
Industry	All
Geopolitical	All
Product	Audio Visual Photography Electronics Communications Computing Appliances Power Tools.
Process	Distribute Product Information
System Capabilities	GDSN
Official Constraints	None

3 GPC Bricks included in the DP001 - Distribute Product Information for Audio Visual Photography, Electronics, Communications, Computing and Appliance Products Context

Link
GPC Bricks Mapping To DP001 Audio Visual Photography Electronic Communications Computing Appliances

4 Modules assigned to the DP001 - Distribute Product Information for Audio Visual Photography, Electronics, Communications, Computing and Appliance Products Context

Module Name	Description	Link
Audience Or Player Information Module	Logical grouping of information regarding audience or player information.	Audience Or Player Information Module.pdf
Award Prize Module	A module describing a prize or award won by the product.	Award Prize Module.pdf
Battery Information Module	Battery information for a trade item.	Battery Information Module.pdf
Certification Information Module	A module containing information on certification standards to which the trade item, or the process by which it is manufactured, sourced or supplied complies	Certification Information Module.pdf
Chemical Regulation Information Module	A module containing information on any chemical properties a chemical may have according to a specific regulation for example carcinogen.	Chemical Regulation Information Module.pdf
Consumer Instructions Module	A module contain instructions on how the consumer is to use or store a trade item.	Consumer Instructions Module.pdf
Copyright Information Module	A group of data elements which together represent a copyright statement for the product. Either the copyright year alone, or a structured copyright statement listing year(s) and copyright holder(s), may be sent	Copyright Information Module.pdf
Dangerous Substance Information Module	Details on substances that can harm people, other living organisms, property, or the environment.	Dangerous Substance Information Module.pdf
Delivery Purchasing Information Module	A module containing information on the available ordering, purchasing and delivery for a trade item.	Delivery Purchasing Information Module.pdf



Module Name	Description	Link
Durable Goods Characteristics Module	A module containing attributes applicable to a broad range of durable goods.	Durable Goods Characteristics Module.pdf
Duty Fee Tax Information Module	A module containing information on a duty, fee or tax which may be applicable to a trade item.	Duty Fee Tax Information Module.pdf
Electronic Device Characteristics Information Module	A module containing technical and other product characteristics for electronic items.	Electronic Device Characteristics Information Module.pdf
Health Wellness Packaging Marking Module	Indicates any marking on the packaging of a trade item, including labelling of information related to allergens, suitable diet, safety and ingredients.	Health Wellness Packaging Marking Module.pdf
Marketing Information Module	Information on a trade item meant to convey features and benefits and targeted customer.	Marketing Information Module.pdf
NonGTIN Logistics Unit Information Module	A module detailing information on a logistics item without a GTIN.	NonGTIN Logistics Unit Information Module.pdf
Packaging Information Module	Packaging information for a trade item.	Packaging Information Module.pdf
Packaging Marking Module	A module containing details on markings on the packaging of the trade item for example dates, environment.	Packaging Marking Module.pdf
Packaging Sustainability Module	Provides the packaging sustainability module information	Packaging Sustainability Module.pdf
Physical Resource Usage Information Module	A module containing Information on resource usage for the trade item.	Physical Resource Usage Information Module.pdf
Place of Item Activity Module	Origin and other information for the purposes of customs, marketing, etc.	Place Of Item Activity Module.pdf
Product Characteristics Module	A module used to express characteristics for a product for example values for a property such as numberOfPlays.	Product Characteristics Module.pdf
Promotional Item Information Module	A module providing details of the type of promotional item.	Promotional Item Information Module.pdf
Referenced File Detail Information Module	Information specifying a link to a file external to the message itself.	Referenced File Detail Information Module.pdf
Regulated Trade Item Module	A module containing Information on applicable government regulations a trade item is in compliance with.	Regulated Trade Item Module.pdf
Safety Data Sheet Module	A module containing safety data sheet or on a material safety data sheet as it is referred to in some target markets.	Safety Data Sheet Module.pdf
Sales Information Module	Sales information regarding price and selling conditions/restrictions of the Trade Item to the consumer.	Sales Information Module.pdf
Security Tag Information Module	Information on any security tags that may come with the trade item.	Security Tag Information Module.pdf



Module Name	Description	Link
Software System Requirements Module	A Module with details on any required or recommended system capabilities to run the software.	Software System Requirements Module.pdf
Sustainability Module	Properties of the trade item that can affect the ecological or human environment.	Sustainability Module.pdf
Trade Item Data Carrier And Identification Module	A module used to convey any data carriers formats on the trade item and any associated GS1 application identifiers	Trade Item Data Carrier And Identification Module .pdf
Trade Item Description Module	A module carrying general descriptions of the trade item including brand, form, variant.	Trade Item Description Module.pdf
Trade Item Disposal Information Module	Information on the disposal of the trade item for the purposes of sustainability.	Trade Item Disposal Information Module .pdf
Trade Item Handling Module	A module containing instructions on the way to treat goods during transport and storage.	Trade Item Handling Module.pdf
Trade Item Hierarchy Module	A module containing information on how the hierarchical structure of a trade item for example number of layers on a pallet.	Trade Item Hierarchy Module.pdf
Trade Item Licensing Module	A module containing licensing information for the trade item.	Trade Item Licensing Module.pdf
Trade Item Lifespan Module	A module containing information on the amount of time the item can or should be used, sold, etc.	Trade Item Lifespan Module.pdf
Trade Item Measurements Module	A module containing measurement information for the trade item.	Trade Item Measurements Module.pdf
Trade Item Size Module	A module specifying the size of an object as a code or a description.	Trade Item Size Module.pdf
Transportation Hazardous Classification Module	A module containing information on hazardous information typically based on a specific mode of transportation as regulated by an agency for example ADR, IATA, DOT, IMDG.	Transportation Hazardous Classification Module.pdf
Variable Trade Item Information Module	A module with information specific to variable weight or dimension trade items.	Variable Trade Item Information Module .pdf
Video Display Device Information Module	A module containing Information of the capabilities of a trade item that displays visual images for example a television or a computer monitor.	Video Display Device Information Module.pdf
Warranty Information Module	An assurance that the trade item is reliable and that repairs or replacement will be done free of charge within a given time limit and under certain conditions in the event of a defect.	Warranty Information Module.pdf

5 Enumerations and Code Lists referenced in the DP001 - Distribute Product Information for Audio Visual Photography, Electronics, Communications, Computing and Appliance Products Context

5.1 External Code Lists

Relevant external code lists can be found at the following link:

[GDSN Code List BMS](#)

6 Validation Rules specific to the DP001 - Distribute Product Information for Audio Visual Photography, Electronics, Communications, Computing and Appliance Products Context

Validation Rule Groupings	Link
Validations for All Product Contexts	GDSN Validation Rules All
Validation Rules specific to the DP001 - Distribute Product Information for Audio Visual Photography, Electronics, Communications, Computing and Appliance Products Context	Rules By Context Audio Visual Photo Electronics.xlsx

7 Appendices

8 Summary of Changes

Change	Report Version	Associated WR Number
Initial Draft	0.0.1	

Change				Report Version	Associated WR Number																																																								
<p>Comment resolution for Community Review:</p> <ul style="list-style-type: none">Added line numbers to documentUpdated all hyperlinks to point to latest version of external documentsRemoved link to VR specific to this context as this is now comprised in the global VR file.Updated document versionRemoved section of clases/bricks not to be included uin context in the GPC sectionAdded following classes bricks for inclusion in context: <table><tr><td>74010200</td><td>Camping Heating/Lighting Equipment</td><td></td><td></td></tr><tr><td>78050100</td><td>Electronic Communication Components</td><td></td><td></td></tr><tr><td>81010800</td><td>Lawn/Garden Cooking/Heating Appliances</td><td></td><td></td></tr><tr><td>10101700</td><td>Pet Accessories</td><td>10000660</td><td>Pet Food/Drink Dispenser (Powered)</td></tr><tr><td>10101700</td><td>Pet Accessories</td><td>10000642</td><td>Pet Food/Drink Dispensers (Non Powered)</td></tr><tr><td>91030400</td><td>Home/Business Surveillance Equipment</td><td></td><td></td></tr><tr><td>91010100</td><td>Personal Safety Devices</td><td>10005381</td><td>Wearable Wireless Webcams (Inverse Surveillance)</td></tr><tr><td>91040100</td><td>Safety/Security/Surveillance Variety Packs</td><td>10005418</td><td>Safety/Security/Surveillance Variety Packs</td></tr></table> <ul style="list-style-type: none">Deleted following GPC classes from this context: <table><tr><td>66010200</td><td>Fixed Communication Devices</td></tr><tr><td>75030400</td><td>Clocks</td></tr><tr><td>81010900</td><td>Lawn/Garden Power Tools</td></tr><tr><td>81010400</td><td>Lawn/Garden Watering Equipment</td></tr><tr><td>81011100</td><td>Lawn/Garden Weather Monitoring/Observation</td></tr><tr><td>79010600</td><td>Air Conditioning/Cooling/Ventilation Equipment</td></tr><tr><td>79010500</td><td>Heating Equipment</td></tr><tr><td>82010400</td><td>Power Tools – Hand-held Portable</td></tr><tr><td>82010100</td><td>Power Tools – Lifting/Handling Equipment</td></tr><tr><td>82010300</td><td>Power Tools – Stationary/Bench-top</td></tr><tr><td>82010200</td><td>Power Tools Variety Packs</td></tr><tr><td>66010200</td><td>Fixed Communication Devices</td></tr></table> <ul style="list-style-type: none">Added module " Audience Or Player Information Module"Renamed module " Certification Module" to " Certification Information Module"Renamed module " Chemical Regulation Module" to " Chemical Regulation Information Module"Added " Consumer Instructions Module"Added " Copyright Information Module"Renamed " Data Carrier Information Module" to "Trade Item Data Carrier And Identification Module"				74010200	Camping Heating/Lighting Equipment			78050100	Electronic Communication Components			81010800	Lawn/Garden Cooking/Heating Appliances			10101700	Pet Accessories	10000660	Pet Food/Drink Dispenser (Powered)	10101700	Pet Accessories	10000642	Pet Food/Drink Dispensers (Non Powered)	91030400	Home/Business Surveillance Equipment			91010100	Personal Safety Devices	10005381	Wearable Wireless Webcams (Inverse Surveillance)	91040100	Safety/Security/Surveillance Variety Packs	10005418	Safety/Security/Surveillance Variety Packs	66010200	Fixed Communication Devices	75030400	Clocks	81010900	Lawn/Garden Power Tools	81010400	Lawn/Garden Watering Equipment	81011100	Lawn/Garden Weather Monitoring/Observation	79010600	Air Conditioning/Cooling/Ventilation Equipment	79010500	Heating Equipment	82010400	Power Tools – Hand-held Portable	82010100	Power Tools – Lifting/Handling Equipment	82010300	Power Tools – Stationary/Bench-top	82010200	Power Tools Variety Packs	66010200	Fixed Communication Devices	1.0.0	
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Change	Report Version	Associated WR Number
Deleted Platform Module, Added Product Characteristics and Packaging Sustainability Module.	1.0.1	
<ul style="list-style-type: none">Updated formatting of the context report to the new GS1 Template.In section 4, added Variable trade Item Information ModuleFixed hyperlink validation rules. In section 6	3	
<ul style="list-style-type: none">Updated links, added Trade Item Licensing Module	4	
<ul style="list-style-type: none">Updated issue number from 4 to 5Updated Document date from May to July 2016Removed the list of included bricks in the context from section 3, and moved them into a separate Excel spreadsheet.Inserted a hyperlink in section 3 to the Excel spreadsheet containing the full list of GPC Bricks included in this context.Updated hyperlinks to the Validation Rules documents for 3.1.2	5	
<ul style="list-style-type: none">Updated hyperlink for GPC Mapping (section 3) from "GPC_Bricks_Belonging_To_GDSN_Context_AV_Photography_Electr_Comms" to "GPC_Bricks_Mapping_To_DP001_Audio_Visual_Photography_Electronic_Communications_Computing_Appliances"Updated Document name to reflect correct code value name of context	6	