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# DP010 - Distribute Product Information for Building Products, Automotive, Tools, Office and Arts Supply Products GDS Context Report

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*Release 3.1.2.1.7, Issue 7, January 2017*

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## Document Summary

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BRAD Title:	BRD Date:	BRAD Version

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## Change Log

Date of Change	Version	Changed By	Reason for Change	Summary of Change
7-Feb-2013	0.0.1	Mark Van Eeghem	Initial Draft	n/a
14-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	See section Summary of Changes
28-Aug-2015	3	Mark Van Eeghem	Schema Drop September 2015	See Section Summary Of Changes
May-2016	4	Eric Kauz	3.1.2	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
25-Jan-2017	7	Mark Van Eeghem	3.1.2.1 GPC/ECL/AVP 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:

- Building Products - Tools - Storage - Automotive - Arts, Crafts and Needlework

## 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 Building Products - Tools - Storage - Automotive - Arts, Crafts and NeedleworkContext.

## 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 ( <a href="http://apps.gs1.org/gdd">http://apps.gs1.org/gdd</a> )	



## 2 Business Context

Context Category	Value(s)
Industry	All
Geopolitical	All
Product	Building Products, Automotive, Hand Tools, Office and Arts Supply Products
Process	Distribute Product Information
System Capabilities	GDSN
Official Constraints	None



### 3 GPC Bricks included in the DP010 - Distribute Product Information for Building Products, Automotive, Tools, Office and Arts Supply Products Context

Link
<a href="#">GPC Bricks Mapping To DP010 Building Products Automotive Tools Office and Arts Supply Products</a>

### 4 Modules assigned to the DP010 - Distribute Product Information for Building Products, Automotive, Tools, Office and Arts Supply Products Context

Module Name	Description	Link
Allergen Information Module	A module containing information on allergens for a trade item.	<a href="#">Allergen Information Module.pdf</a>
Battery Information Module	Battery information for a trade item.	<a href="#">Battery Information Module.pdf</a>
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.	<a href="#">Certification Information Module.pdf</a>
Chemical Regulation Information Module	A module containing information on any chemical properties a chemical may have according to a specific regulation for example carcinogen.	<a href="#">Chemical Regulation Information Module.pdf</a>
Consumer Instructions Module	A module contain instructions on how the consumer is to use or store a trade item.	<a href="#">Consumer Instructions Module.pdf</a>
Controlled Substance Module	Information on the containment of controlled substances.	<a href="#">Controlled Substances Module.pdf</a>
Dangerous Substance Information Module	A module detailing substances that can harm people, other living organisms, property, or the environment.	<a href="#">Dangerous Substance Information Module.pdf</a>
Delivery Purchasing Information Module	A module containing information on the available ordering, purchasing and delivery for a trade item.	<a href="#">Delivery Purchasing Information Module.pdf</a>
Durable Goods Characteristics Module	A module containing attributes applicable to a broad range of durable goods.	<a href="#">Durable Goods Characteristics Module.pdf</a>
DutyFeeTax Information Module	A module containing information on a duty, fee or tax which may be applicable to a trade item.	<a href="#">Duty Fee Tax Information Module.pdf</a>
Electronic Device Characteristics Information Module	A module containing technical and other product characteristics for electronic items.	<a href="#">Electronic Device Characteristics Information Module.pdf</a>



Module Name	Description	Link
Farming And Processing Information Module	Information on any farming or processing performed on and agricultural trade item.	<a href="#">Farming And Processing Information Module.pdf</a>
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.	<a href="#">Health Wellness Packaging Marking Module.pdf</a>
Marketing Information Module	A module containing information on a trade item meant to convey features and benefits and targeted customer.	<a href="#">Marketing Information Module.pdf</a>
Nonfood Ingredient Module	A module providing Information on ingredients for items that are not food for example detergents, medicines.	<a href="#">Nonfood Ingredient Module.pdf</a>
NonGTIN Logistics Unit Information Module	A module detailing information on a logistics item without a GTIN.	<a href="#">NonGTIN Logistics Unit Information Module.pdf</a>
Packaging Information Module	Packaging Information for a trade item.	<a href="#">Packaging Information Module.pdf</a>
Packaging Marking Module	A module containing details on markings on the packaging of the trade item for example dates, environment.	<a href="#">Packaging Marking Module.pdf</a>
Packaging Sustainability Module	Provides the ability to send metrics on Packaging Sustainability.	<a href="#">Packaging Sustainability Module.pdf</a>
Physical Resource Usage Information Module	A module containing Information on resource usage for the trade item.	<a href="#">Physical Resource Usage Information Module.pdf</a>
Place of Item Activity Module	Origin and other information for the purposes of customs, marketing, etc.	<a href="#">Place Of Item Activity Module.pdf</a>
Product Characteristics Module	A module used to express characteristics for a product for example values for a property such as numberOfPlys.	<a href="#">Product Characteristics Module.pdf</a>
Plumbing HVAC Pipe Information Module	A module containing plumbing and HVAC information for a trade item.	<a href="#">Plumbing HVAC Pipe Information Module.pdf</a>
Promotional Item Information Module	A module providing details of the type of promotional item.	<a href="#">Promotional Item Information Module.pdf</a>
Propellant Information Module	Information on compressed gas or propellant contained in the trade item.	<a href="#">Propellant Information Module.pdf</a>
Referenced File Detail Information Module	Information specifying a link to a file external to the message itself.	<a href="#">Referenced File Detail Information Module.pdf</a>
Regulated Trade Item Module	Information on applicable government regulations a trade item is in compliance with.	<a href="#">Regulated Trade Item Module.pdf</a>
Safety Data Sheet Module	A module containing information usually contained on a safety data sheet or on a material safety data sheet as it is referred to in some target markets.	<a href="#">Safety Data Sheet Module.pdf</a>



Module Name	Description	Link
Sales Information Module	Sales information regarding price and selling conditions/ restrictions of the Trade Item to the consumer.	<a href="#">Sales Information Module.pdf</a>
Security Tag Information Module	Information on any security tags that may come with the trade item	<a href="#">Security Tag Information Module.pdf</a>
Sustainability Module	Properties of the trade item that can affect the ecological or human environment.	<a href="#">Sustainability Module.pdf</a>
Textile Material Module	A module expressing details on the composition of any materials used to make apparel, home furnishings and other similar items.	<a href="#">Textile Material Module.pdf</a>
Trade Item Data Carrier And Identification Information Module	A means to represent data in a machine readable form; used to enable automatic reading of the element strings.	<a href="#">Trade Item Data Carrier And Identification Module .pdf</a>
Trade Item Description Module	A module carrying general descriptions of the trade item including brand, form, variant.	<a href="#">Trade Item Description Module.pdf</a>
Trade Item Disposal Information Module	Information on the disposal of the trade item for the purposes of sustainability.	<a href="#">Trade Item Disposal Information Module.pdf</a>
Trade Item Handling Module	Instruction on the way to treat goods during transport and storage.	<a href="#">Trade Item Handling Module.pdf</a>
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	<a href="#">Trade Item Hierarchy Module.pdf</a>
Trade Item Licensing Module	A module containing licensing information for the trade item.	<a href="#">Trade Item Licensing Module.pdf</a>
Trade Item Measurements Module	A module containing measurement information for the trade item.	<a href="#">Trade Item Measurements Module.pdf</a>
Trade Item Size Module	A module specifying the size of an object as a code or a description	<a href="#">Trade Item Size Module.pdf</a>
Transportation Hazardous Classification Module	A module containing information on hazardous information for a trade item.	<a href="#">Transportation Hazardous Classification Module.pdf</a>
Variable Trade Item Information Module	A module with information specific to variable weight or dimension trade items.	<a href="#">Variable Trade Item Information Module.pdf</a>
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.	<a href="#">Warranty Information Module.pdf</a>

## 5 Enumerations and Code Lists referenced in the DP010 - Distribute Product Information for Building Products, Automotive, Tools, Office and Arts Supply 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 DP010 - Distribute Product Information for Building Products, Automotive, Tools, Office and Arts Supply Products Context

Validation Rule Groupings	Link
Validations for All Product Contexts	<a href="#">GDSN Validation Rules All</a>
Validation Rules specific to the DP010 - Distribute Product Information for Building Products, Automotive, Tools, Office and Arts Supply Products Context	<a href="#">Rules By Cntxt DYI Bld Tools Strge.xlsx</a>

## 7 Appendices

(Insert Content Here)

## 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"><li>Added line numbers to document</li><li>Updated all hyperlinks to point to latest version of external documents</li><li>Removed link to VR specific to this context as this is now comprised in the global VR file.</li><li>Updated document version</li><li>Removed section of classes/bricks not to be included uin context in the GPC section</li><li>Added following classes bricks for inclusion in context:</li></ul> <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"><li>Deleted following GPC classes from this context:</li></ul> <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"><li>Added module " Audience Or Player Information Module"</li><li>Renamed module " Certification Module" to " Certification Information Module"</li><li>Renamed module " Chemical Regulation Module" to " Chemical Regulation Information Module"</li><li>Added " Consumer Instructions Module"</li><li>Added " Copyright Information Module"</li><li>Renamed " Data Carrier Information Module" to "Trade Item Data Carrier And Identification Module"</li><li>Renamed "Hazardous Information Module" to " Transportation Hazardous Classification Module"</li></ul>	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"><li>Updated formatting of the context report to the new GS1 Template.</li><li>Added section 3.2, Individual Bricks Included in this context</li><li>Added following classes to the GPC section: 80000000, 80010000, Tools/Equipment – Hand, 80012600, Pneumatic Tools 80000000, 80010000, Tools/Equipment – Hand, 80012700, Gas Burners/Torches 81000000, 81010000, Lawn/Garden Supplies, 81011900, Lawn/Garden Tiles</li><li>Fixed hyperlink validation rules. In section 6</li><li>Removed in section 3 (GPC) class code 10101700 as this was wrongfully assigned.</li></ul>	3	
<ul style="list-style-type: none"><li>Updated links, added Trade Item Licensing Module</li></ul>	4	
<ul style="list-style-type: none"><li>Updated issue number from 4 to 5</li><li>Updated Document date from May to July 2016</li><li>Removed the list of included bricks in the context from section 3, and moved them into a separate Excel spreadsheet.</li><li>Inserted a hyperlink in section 3 to the Excel spreadsheet containing the full list of GPC Bricks included in this context.</li><li>Updated the hyperlinks to the Validation Rules documents for 3.1.2</li></ul>	5	
<ul style="list-style-type: none"><li>Updated hyperlink display in section 3 from “GPC_Bricks_Belonging_To_GDSN_Context_BP_TLS_STRG_i3p1p2” to “GPC_Bricks_Mapping_To_DP010_Building_Products_Automotive_Tools_Office_and_Arts_Supply_Products</li><li>Updated context name everywhere in document to be in line with Code Value assigned to this context.”</li></ul>	6	
<ul style="list-style-type: none"><li>Updated hyperlink for GPC mapping to the latest file for GDS Release 3.1.2.1.</li><li>Updated hyperlink for codelists document.</li><li>Removed obsolete Platform Information Module reference.</li></ul>	7	