# xpedx.com Next generation

# *Catalog Export Design Document*

**Authors: Sterling Commerce**

**Date Created:** 05/08/2010

**Last Updated:** 7/28/2010 2:23 PM

**File Name:** C:\Documents and Settings\bfurman\My Documents\Temp\Methodology v1.1\Project Management\TEMPLATE - DOCUMENT - Use Case Definition.docxpedx Catalog Export Detail Design Doc V1.2.docx

Approval Signatures (Mandatory)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Title** | **Name** | **Signature** | **Date** | **Comments / Issues / Concerns** |
| **xpedx Owner(s)** | Steve Bugher |  |  |  |
| Cheryl Tullis |  |  |  |
| **Sterling Commerce Owner(s)** | Guy Read |  |  |  |
|  |  |  |  |

**Note**: The sign off indicates approval of all sections of the document.

Document Revision History

This chart tracks the changes introduced by the revisions to the document as the project progresses through the stages of the System Development Life Cycle (SDLC).

| Version | **Date** | **Description (Changes Made)** | **Author(s)** |
| --- | --- | --- | --- |
| 0.1 | 05/07/2010 | Initial Draft | Sterling |
| 1.0 | 05/10/2010 | Ready to deliver | Sterling |
| 1.1 | 07/08/2010 | Updated based on feedback dtd 6/9/2010 and subsequent emails | Sterling |
| 1.2 | 07/28/2010 | Updated based on reporting session decisions on 7/27, changed the display logic for links | Sterling |

Related or Reference Documents

| Document Name | Description | Owner | Location |
| --- | --- | --- | --- |
| SCI\_Xpedx Solution Definition Document v1.5 | Solution Definition document | Sterling Commerce |  |
|  |  |  |  |

TABLE OF CONTENTS

1. Introduction 4

1.1 Document Purpose 4

1.2 Document Audience 4

2 Catalog Exports 5

2.1 Functions & Solution 5

2.2 Structure of a sample catalog export file 6

2.3 Catalog Export Pages 6

2.4 Master System 8

2.5 Implementation Details 8

2.5.1 Entity objects. 8

2.5.2 Actions involved and Functions 8

2.6 Process Flow 8

2.7 Screen Shot 9

2.8 Open Questions 11

2.9 Assumptions 11

3 Glossary of Terms 12

# Introduction

## Document Purpose

This document is the governing functional design document for the Catalog Export functionality. It presents significant decisions and constructs used in developing the functionality. Testing, builds, configuration management are not covered in this document.

The document will also serve the purpose of keeping a list of assumptions that were made during design discussions.

## Document Audience

This document is intended for management and technical staff working on this project, xpedx IT and Business, webMethods, Legacy(MAX and ACCESS), HP, IW, xpedx/IP Network Team. Sterling will use the document during design and configuration for design consideration.

# Catalog Exports

## Functions & Solution

The Catalog Export process is used by xpedx customers to obtain a list of items along with item data such as name, description, attributes and List prices. For BR1, these have been split into two broad categories one that can be loaded into the customers’ estimation tool/software and the second that can be used to print out paper catalogs. Post BR1, the plan is to merge the print estimator part of catalog exports into the Customer reports process covered in “xpedx Reporting Detail Design Doc.docx”, while retaining the functionality outlined here for the printable catalogs.

The currently supported list of estimator tools/formats is -

1. Avanti
2. ePace
3. EPMS
4. Franklin Estimator
5. Generic Extract in Excel format
6. Heidelberg
7. Printsmith – Multiple versions are supported, with minor variations
8. Printer Plan

Currently both the Print Estimator files and the Printed Catalog files are pre-generated using an existing process with Business Objects. In xpedx.com NextGen BR1, this process will be preserved. The files appear in three predominant file formats

Print Estimator

1. Excel spreadsheet (csv, xls)
2. Text file (delimited – tab, comma, raw)

Printed Catalog

1. PDF

The files in various formats will be generated and placed on a content server using a process external to Sterling. These files will then be made available to the Customers using the Services tab via links.

On the services tab the customer user sees a list of links that point to the catalog exports. These links are configured only on the Division Profile of Divisions that are pricing warehouses. They are stored as label/URL pairs. The label is used on the display of the links to the customer user.

The logic to determine which divisions links are shown to which customer is as follows -

1. Determine the selected ship-to’s pricing warehouse.
2. Find corresponding division record that is also marked as a pricing warehouse
3. Retrieve the links stored on the division profile and display on services tab.

## Structure of a sample catalog export file

The current Generic catalog export file has the following information. In addition, each estimator tool has its attributes unique to the tool.

1. Vendor Name
2. Stock Number
3. Paper Size
4. Stock Name
5. Unit Description
6. Costing Units
7. Item Basis Weight
8. Item M Weight
9. Caliper
10. Envelope Size
11. Bracket Pricing 1
12. Bracket Pricing 2
13. Bracket Pricing 3
14. Bracket Pricing 4
15. Bracket Pricing 5
16. Bracket Qualifer 1
17. Bracket Qualifer 2
18. Bracket Qualifer 3
19. Bracket Qualifer 4
20. Bracket Qualifer 5
21. Color
22. Generic Color
23. Finish
24. Number of Parts
25. Price Expiration Date
26. Lot Count
27. Carton Count
28. Stock Type
29. Basic Size
30. Metric
31. Coating
32. Grade
33. recycled\_percent
34. forest\_management
35. FSC
36. SFI
37. GreenSeal

## Catalog Export Pages

Since the catalog export functionality is done outside of Sterling, the screens relating to how the exports are generated is out of scope for this document. However, since the catalog export files are made available to the customer user via the division profile, the two important screens within Sterling

1. Division Profile Maintenance Page
2. Services tab on the Customer user website.

Samples of both are provided in the screenshot section.

## Master System

Sterling is the master of system to maintain and create News Articles.

## Implementation Details

## Entity objects.

## Actions involved and Functions

## Process Flow

## Screen Shot

The screen shots pasted here are for illustration purposes. The final screenshots will be provided by xpedx.

***Division Profile Maintenance View***

[TBD]

***Catalog Export Section of the Services Tab***

***[TBD]***

## Open Questions

1. Where is the content for the export files to be hosted ? [Bugher 5/13: need Data WH input on this]
2. Is there a need to define the entire catalog export generation process in this document? If yes, then need the process from xpedx.
3. Are there any profile flags/field on the customer or user that drive this functionality? [Bugher 5/13 - the Product Files are created per Pricing WH (aka Price Book) which is tied to a Division. The Division that the user has access to controls which of the Product File Versions they see.] [PG – 6/30 - This was also not discussed during the JAD and is a change as this talks about an automated process of assigning exported files stored on a content server to a customer user. Need to understand the entire publishing flow for exports] [ Prashant 7/28 – Added verbiage in section 2.1 to clarify this process and accommodate new flow.]
4. Current understanding was that Exports are distributed via the news article functionality. Per Steve’s comments – [5/13 - Bugher: News articles will not be used to distribute these. A new page will need to be created to host the Product File Downloads. Link to the Page should be via the Services tab]. [Prashant – 7/8 - This is new functionality and the screenshots haven’t been shared with the updated flow.]
5. [GT – 5/21 - Include connectivity/data flow diagram – data from Data Warehouse] [PG – The connectivity between DW and Content Server hasn’t been shared with Sterling. Also, since it completely transparent to sterling, we would not like to include it in this DDD].

## Assumptions

1. Generation of the catalog export files from the Sterling catalog is out of scope for BR1.
2. Automatically targeting the catalog export files based on customer segment is out of scope for BR1.
3. xpedx will provide the final screenshots for the pages listed in the screen shots section.

# Glossary of Terms

|  |  |  |
| --- | --- | --- |
| S. No. | Term | Definition |
| 1. | Content Server | A server that hosts all the collateral such as images, specification sheets, etc. |
| 2. | BR1 | Business Release 1 |
| 3. | IW | Industrial Wisdom – UI firm engaged on the project. |
|  |  |  |