

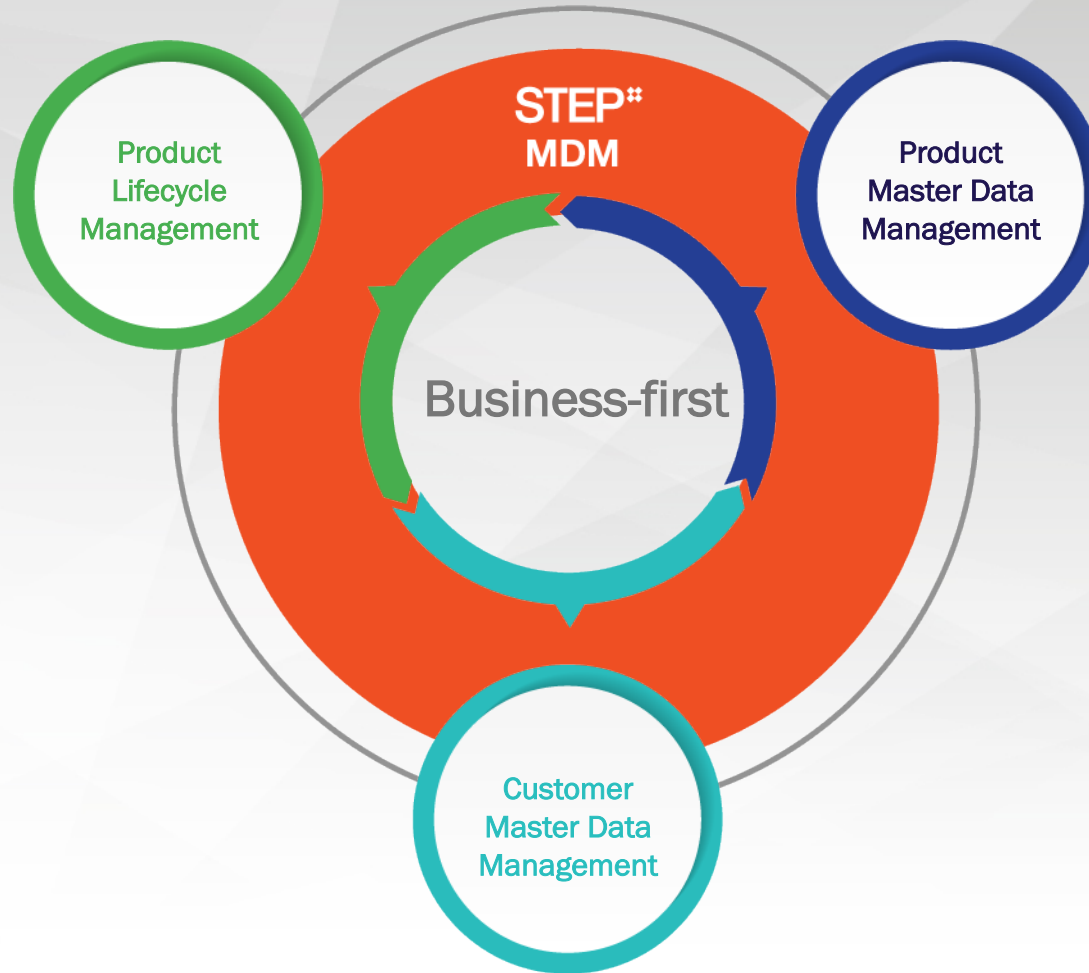
StiboSystems

MDM 8.3 Release Overview

January 2017

CONFIDENTIAL

Stibo Systems Product Lines



Platform Foundational to Product Lines



PLM



PMDM



CMDM

STEP❖

Highlights – Themes

◆ Product Line Releases

- ◆ Dedicated Organizations
- ◆ Optimized User Experiences
- ◆ Pre-built Configuration

◆ Product MDM

- ◆ Content Optimization
- ◆ Translation Automation
- ◆ User Experience

◆ Customer MDM

- ◆ User Experience
- ◆ Pre-built Configuration

◆ PLM

- ◆ User Experience
- ◆ Pre-built Configuration

◆ Platform

- ◆ API Improvements
- ◆ InMemory Optimizations
- ◆ Data Governance Wiki

Product MDM

Content at Scale

- ◆ Acrolinx Integration
- ◆ Translation Automation

Integration

- ◆ Amazon SQS Outbound Delivery
- ◆ Formatted Excel Output

3rd Party Data Integration

- ◆ ETIM, BMECat
- ◆ User Experience

Acrolinx Integration

Create Accurate, Consistent and Impactful Content

Get guidance, feedback and suggestions to optimize and improve the quality of your content.

- ◆ Checks for spelling, grammar, style, and tone of voice
- ◆ Uses preferred words and phrases
- ◆ Analyzes and creates consistent content using artificial intelligence
- ◆ Grades the overall quality of your content so you can make improvements

The screenshot displays the Acrolinx integration interface. On the left, the 'Product Details' panel shows information for 'EXA-5002-1001', including its name, object type (Product), and a description: 'Ultimate Plush Executive Chair, Pneumatic, Tilter, Leather, Black'. The 'Marketing Text' field contains a paragraph about chairs, with a highlighted section: 'A chair is a stable, raised surface used to sit on, commonly for use by one person. Chairs often have the seat raised above floor level, supported by four legs. However, a chair can have three legs (in a triangle shape) or could have a different shape depending on the criteria of the chair specifications. A chair without a back or arm rests is a stool, or when raised on a stool. A chair with arms is an armchair and with footrest, a recliner. A permanently fixed seat or theater is a seat or airline seat, when riding and bicycle saddle, and for an automobile, a car seat. With wheels it is a wheelchair and when used by...'. Below the text is a 'Scorecard' table:

Category	Score
Terminology	0
Spelling	2
Grammar	1
Style	5
Clarity	0
Conversational Tone	0

On the right, the 'CHECK' panel shows a list of suggestions, including 'use Preferred', 'A ... seat' (Shorten this sentence? It is 35 words long.), 'it is it's' (Could you make it sound less formal? Replace all 2 occurrences), 'With wheels With wheels,' (Add a comma after the introductory phrase?), and 'it is it's' (Could you make it sound less formal?). Below the suggestions is a 'Scorecard' section with a bar chart showing the overall 'Acrolinx Score' of 78. The scorecard also includes a 'Summary' table:

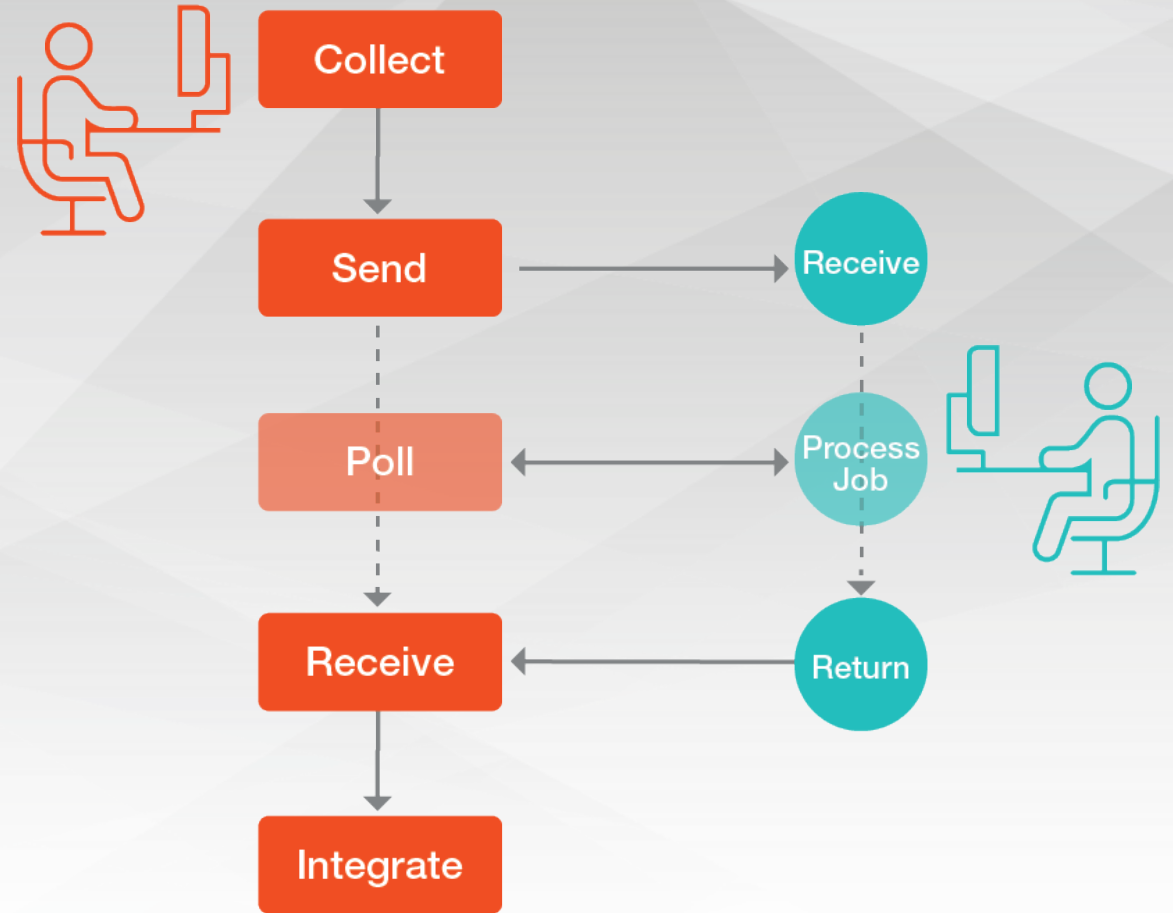
Category	Score	Target
Terminology	100	0
Spelling	59	2
Grammar	75	1
Style	37	5
Clarity	100	0
Conversational Tone	100	0

At the bottom of the interface, there are buttons for 'Save', 'Reset', 'Approve', 'Delete', and 'Prod'. An orange callout box at the bottom right of the screenshot contains the text: 'Use the scorecard to grade the overall quality of your content'.

Translation Service Integration

Create, Monitor, and Complete Translation Jobs

- ◆ Asynchronous communication with external [translation] services
- ◆ Share data to and from SDL via workflows
- ◆ Collect, export, synchronize (polling) and re-integrate data
- ◆ Monitor the progress and status of your jobs directly in user interface



Automated SDL Translation

SDL TRANSLATION	
All configurations	▼
Waiting	0
Query Translation	0
Translation Export	0
Send to SDL	0
Waiting for Translation	2
Import Translation	0
Completed	7
Failed	3
Cancelled	0

Job List Screen

Clear all Clear filter Cancel Async Job

ID	Translation configuration	Started Date	Status	No. of objects
<input type="checkbox"/> BGP_6223	EN->FR	08-11-2017 02:23:59	Failed	1
<input type="checkbox"/> BGP_6226	EN->FR	10-11-2017 12:52:42	Failed	1
<input checked="" type="checkbox"/> BGP_6329	EN->FR	21-11-2017 12:25:53	Failed	98

1-3 of 3

Translation jobs are imported in the same sequence as they were initiated

Drill-down navigation from translation job to job content

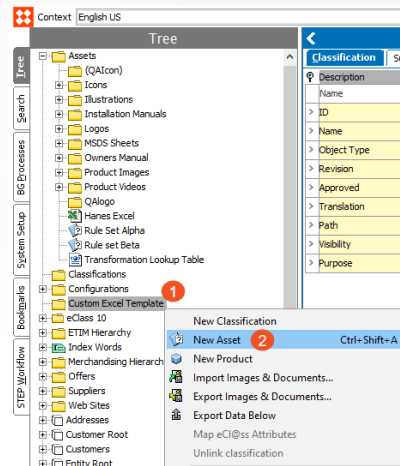
ID	Name
EXD-4002-1002	EXD-4002-1002
EXD-4002-1003	EXD-4002-1003
EXD-4002-1004	EXD-4002-1004
EXD-4002-1005	EXD-4002-1005
EXE-1002-1001	EXE-1002-1001
EXE-1002-1002	EXE-1002-1002
EXE-1002-1003	EXE-1002-1003
EXE-1002-1004	EXE-1002-1004
EXE-1002-1005	EXE-1002-1005
EXE-1002-1007	EXE-1002-1007
EXE-1002-1008	EXE-1002-1008
EXE-1002-1009	EXE-1002-1009

1-25 of 98

Data Exchange


Formatted Excel

- ◆ Share Presentation-ready Files with Key Stakeholders such as Customers, Managers, or Business Relations
- ◆ Simple Templates Ensures Consistency in Structure and Layout



Stibo Systems Bike Shop Product Sheet

Men Road Bike



Flusdale FLU12 105 2017 Road Bike

12116 €

This is for the core, the local heroes, the crit assassins, the working-man racers with chiseled legs and dreams of glory, because they know that when it comes to pure performance for the buck, nothing can touch FLU12. Lighter, stiffer and smoother than most carbon frames, it's not just the finest alloy racing bike ever made, it's the only choice for those who know.

Lorem ipsum dolor sit amet, proin potenti in a pellentesque ad eu, eget elit amet ut turpis excepturi risus, porta sollicitudin felis phasellus wisi purus. Ut wisi tellus bibendum quis in, urna praesent ipsum eu placerat, pulvinar minima vestibulum leo augue elementum, nisl odio ad at condimentum aspernatur arcu, ut fermentum eget. Integer adipiscing fusce, suscipit in, nam pellentesque risus, nulla dictum fermentum auctor, nulla nulla est in. Nulla a morbi, urna purus etiam mauris dolor. Adipiscing nunc labore eros elit donec, lorem varius amet nisl magna rutrum odio,

Product Details

Frame:	FLU12, SmartForm C16069 Alloy, SPEED SAVE, BB30a, Di2 Ready	Brakeset:	Shimano 105 5800 caliper
Fork:	FLU12, SPEED SAVE, BallisTec full carbon, 1-1/8" to 1-1/4" steerer, integrated crown race	Handlebar:	Flusdale C3, butted 6061 Alloy Butted 6061 Alloy, Compact
Front Derailleur:	Shimano 105, braze-on	Stem:	Flusdale C3, 6061 Alloy, 31.8, 6 deg
Rear Derailleur:	Shimano 105	Bar Tape:	Flusdale Bar Tape w/Gel 2.5mm
Number of Gears	22	Wheelset:	Mavic Aksium WTS

Industry Standard Data Exchange Formats & Classifications

Updates to Support:

- ◆ Data Exchange Capabilities for BMEcat 1.2 and BMEcat 2005
- ◆ eCl@ss 10.0.1
- ◆ ETIM version 7 IXF
- ◆ Dynamic ETIM (pre-release versions of ETIM)
- ◆ UNSPSC version 20



Web UI for Product MDM

Guided Navigation

- ◆ Easily Setup Products with Step-by-step Instructions via a Wizard
- ◆ Quickly Break Down Data Maintenance Tasks into More Manageable Steps

The screenshot shows the main product management interface. At the top left is the 'SiiboSystems' logo. To its right is a search bar containing 'Stibo Produ' and a search icon. Further right are navigation links for 'stepsys', 'stepsys', and 'Main', along with a language selector set to 'English US'. Below this is a breadcrumb trail: 'Primary Product Hierarchy > Demo data > Clothing > Shirts'. A toolbar contains various actions: 'All kinds of', 'Misc', 'Deduplication Screen', 'Start Guided Navigation' (highlighted with a red circle '1'), 'Create product', 'Add to basket', 'Bulk update action', 'Delete', and 'Multi edit view'. Below the toolbar is a table with columns for product details.

	Thumbnail	Descript...	Colour	Date of creation	F
<input checked="" type="checkbox"/>		Celestine Shirt		2017-03-10	Cott 100%
<input checked="" type="checkbox"/>		Temple Ri. shirt		2017-03-29	Cott Polv
<input checked="" type="checkbox"/>		Leith shirt		2017-03-21	Cott Polv
<input checked="" type="checkbox"/>		Sutton shirt		2017-03-30	Cott Polv
<input checked="" type="checkbox"/>		Nanni		2017-03-29	Woo
<input checked="" type="checkbox"/>		Robustelli		2017-12-06	Cott Polv
<input checked="" type="checkbox"/>		Spini		yyyy-MM-dd	Cott 100%
<input checked="" type="checkbox"/>		Fisherman shirt		yyyy-MM-dd	Cott Woo
<input checked="" type="checkbox"/>		Grunge shirt		yyyy-MM-dd	Cott Woo
<input checked="" type="checkbox"/>		Grandad shirt		yyyy-MM-dd	Cott Flan
<input checked="" type="checkbox"/>		Oxford		yyyy-MM-dd	Cott 100%
<input checked="" type="checkbox"/>		Harvard		yyyy-MM-dd	Cott 100%
<input checked="" type="checkbox"/>		Yale		yyyy-MM-dd	Cott 100%
<input checked="" type="checkbox"/>		Princeton		yyyy-MM-dd	Cott Woo

Number of items : 14

The 'Guided Navigation' dialog box is shown. It has a title bar with a close button. Below the title bar is a 'Filter required' toggle switch. There are three tabs: 'Description' (selected), 'Images', and 'Wash & Care'. The 'Description' tab contains a table with columns for product name, fit, and colour.

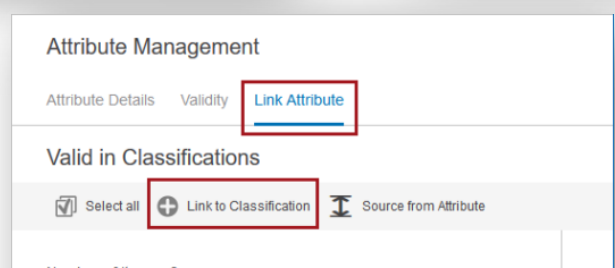
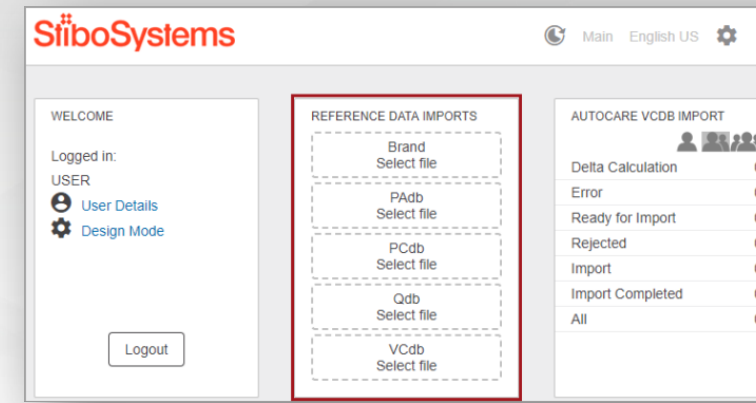
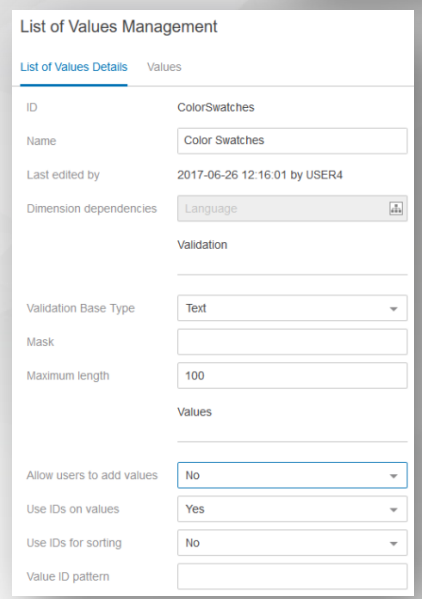
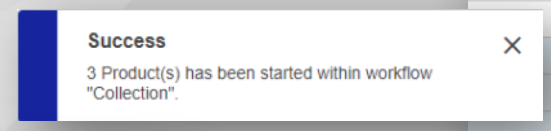
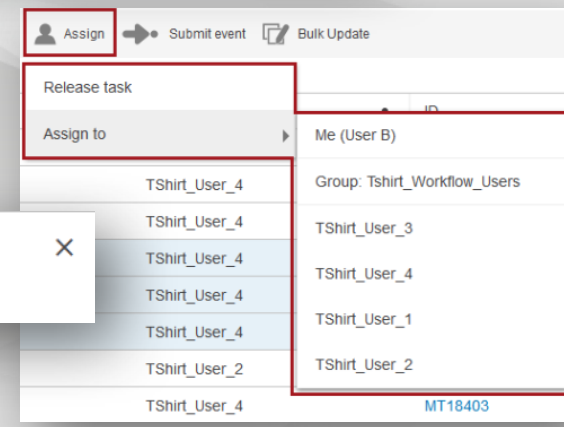
	Fit	Colour
Celestine Shirt	Extra Slim Fit	44
Temple Ri. shirt	Slim Fit	
Leith shirt	Extra Slim Fit	
Sutton shirt	Regular fit	
Nanni	Slim Fit	
Robustelli	Slim Fit	
Spini	Slim Fit	
Fisherman shirt	Regular fit	
Grunge shirt	Regular fit	
Grandad shirt	Regular fit	
Oxford	Contemporary Fit	
Harvard	Contemporary Fit	
Yale	Regular fit	
Princeton	Regular fit	

The 'Guided Navigation' dialog box is shown with the 'Images' tab selected. It has a title bar with a close button. Below the title bar is a 'Filter required' toggle switch. The 'Images' tab contains a table with columns for product name, primary product image, closeup, and part of a set.

	Primary Product Image	Closeup	Part of a set
Celestine Shirt	s30		Evert Suit Norden Suit
Temple Ri. shirt	S4		
Leith shirt	S16		
Sutton shirt	S21		
Nanni	S17		
Robustelli	S20		
Spini	S2		
Fisherman shirt	S11		
Grunge shirt	S14		
Grandad shirt	S13		
Oxford	S18		
Harvard	S15		
Yale	S25		
Princeton	S19		

Web UI Improvements for Better UX

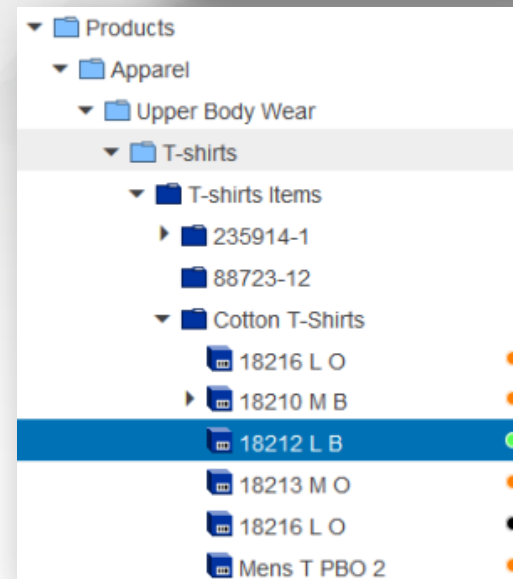
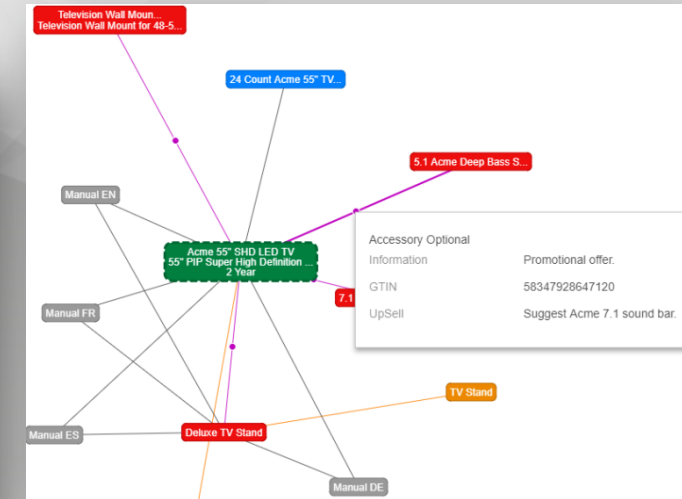
- ◆ Global Search Bar
- ◆ Messaging and Assignment in Workflows
- ◆ LOV Management and LOV Type-Ahead
- ◆ Attribute Management
- ◆ File Upload Widget



Visual Updates in the Web UI

- ◆ Product Data Visualization
- ◆ Visual Enhancements and Configuration Options
- ◆ Dynamic Table Layout
- ◆ Enhanced Tree Navigation

	Old Icon	New Icon
Basket		
Business action		
Clips		
Date		
Document		
Download		
Folder		
Indent		
Outdent		
Reset		
Save		
Search		
Upload		
User view		



Configuration Web UI style

Save Close

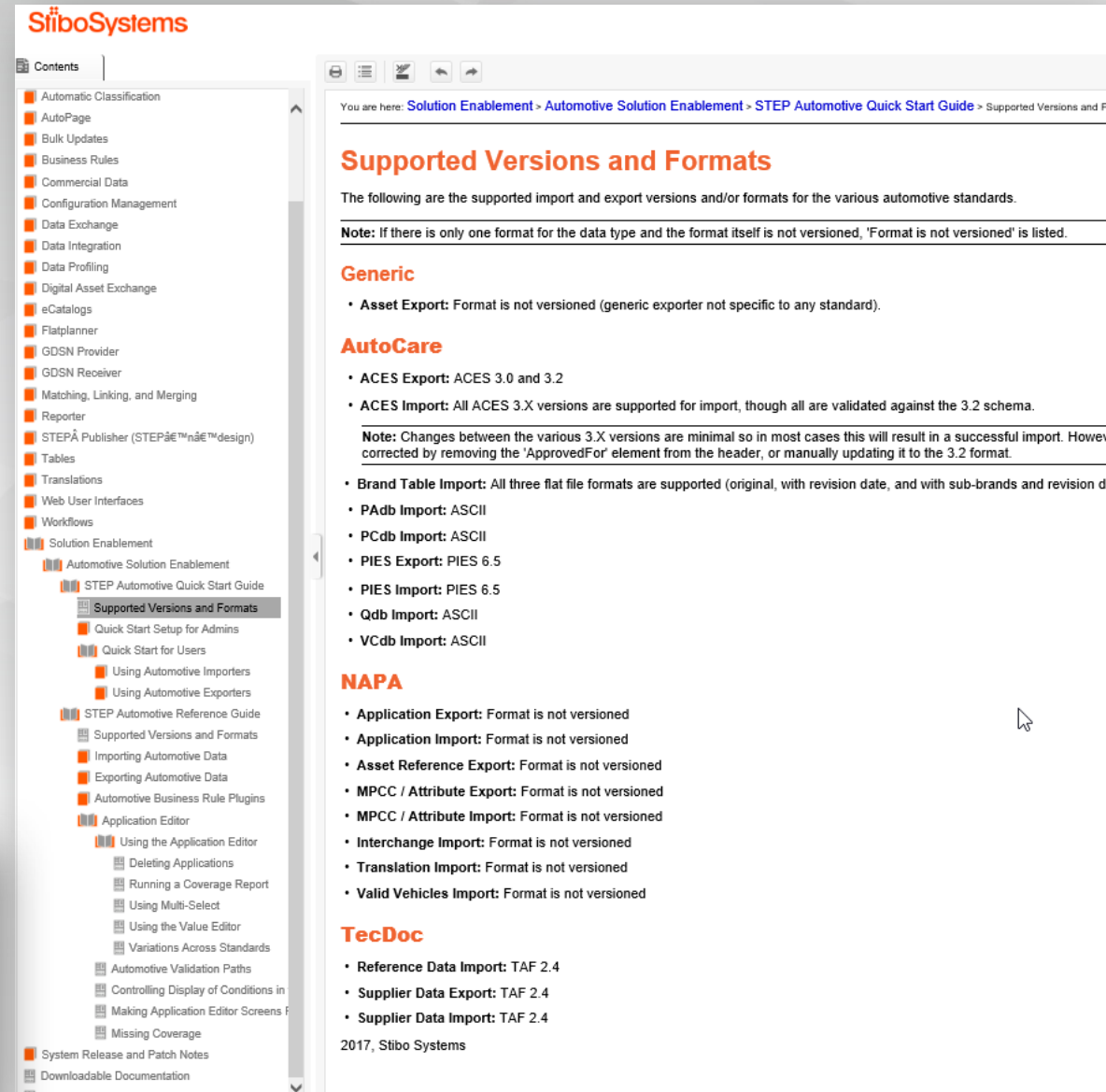
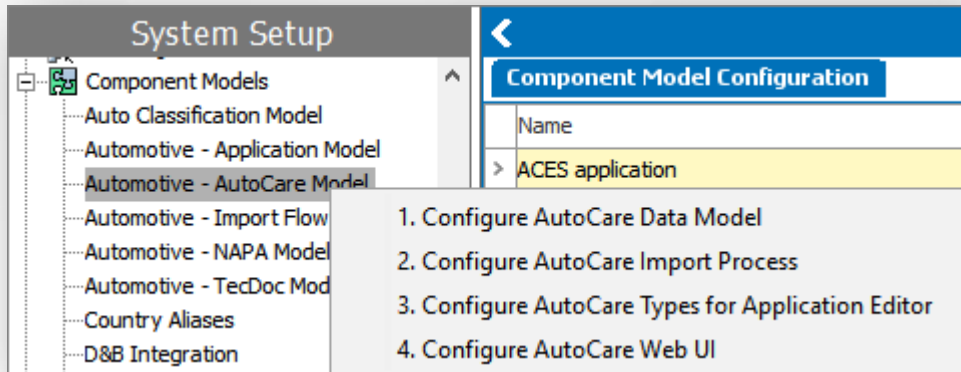
Styles

Logo	images/stibo_logo.png	...	default
Login Page Background Image	images/stibo_diamonds.png	...	default
Accent	28bebe	...	default
Body	414042	...	default
Navigation	0071b4	...	default
Custom Icons	Upload custom icons		

Automotive

Automotive Module – Preconfigured

- ◆ Efficient Workflow Enabled Import of Automotive Reference and Supplier Data with Business Rules
- ◆ AutoCare Data Model, ACES and PIES Import/Export
- ◆ TecDoc Data Model, Reference and Supplier Data Import & Export
- ◆ NAPA Data Model, Reference and Supplier Data Import/Export
- ◆ Easy Setups



Automotive Module

- ◆ Application Coverage Analysis and Application Editing
- ◆ Application Record Finder & Editor
- ◆ Use Case Specific Search Configuration

The screenshot shows a web browser window displaying the StiboSystems Automotive Module. The browser address bar shows the URL: localhost:9870/webui/AutoCareWebUI#contextID=Context1&workspaceID=Main&screen=app+finder. The page header includes the StiboSystems logo and navigation links for 'Main' and 'English US'. The main content area features a search configuration interface with several input fields: 'Make/Model' (containing 'Porsche'), 'Year', 'Engine Type' (with a dropdown arrow), and 'Part Type'. An 'OR' operator is positioned between the two 'Engine Type' fields. Below the search fields, there is a 'Missing Applications' checkbox and a 'Search' button. The search results are displayed in a table with columns: Vehicle, Part Terminology, Part Number, Options, Application Asset Reference, and Qualifiers. The table contains six rows of data, including entries for 2010 Porsche models and a 1998 Porsche Boxster with a 'Cruise Control Vacuum Pump' part. The last row includes a note: 'ACES Aspiration: Naturally Aspirated'. The interface also includes a 'Select all' button and a 'Clear filter' button.

Vehicle	Part Terminology	Part Number	Options	Application Asset Reference	Qualifiers
<input type="checkbox"/> 2010 Porsche 911	Brake Pedal	10000911			
<input type="checkbox"/> 2010 Porsche Boxster	Brake Pedal	10000911			
<input type="checkbox"/> 2010 Porsche Cayenne	Brake Pedal	10000911			
<input type="checkbox"/> 2010 Porsche Cayman	Brake Pedal	10000911			
<input type="checkbox"/> 2010 Porsche Panamera	Brake Pedal	10000911			
<input type="checkbox"/> 1998 Porsche Boxster	Cruise Control Vacuum Pump	10000911	ACES Aspiration: Naturally Aspirated		

Customer MDM

User Experience

- ◆ Intuitive Navigation
- ◆ Task Assignment and Completeness
- ◆ Matching Algorithm Configuration
- ◆ Advanced Merge Screen Optimization
- ◆ Import Improvements

Complete Preconfigured Solution

Control, Monitor and Maintain Customer Data

Unified CMDM Experience - Stay Focused

- ◆ Icon-based Primary Navigation
- ◆ Summary Components for Entities and Collections
- ◆ Entity References by Source ID Upon Import
- ◆ Data Container Improvements

The screenshot displays the StiboSystems dashboard interface. At the top, the StiboSystems logo is on the left, and a search bar with a 'Topic' dropdown and 'Advanced search' link is on the right. A vertical navigation sidebar on the left contains icons for 'Data Quality Operations', 'Your Tasks', 'Dashboards', and 'Tree'. The main content area is divided into several sections:

- Your Tasks:** A table listing tasks with counts and status indicators. The table content is as follows:

Task	Count	Status
Individuals	524	
Organizations	0	
Consumers	1206	HIGH
Manual Merge Request	13	HIGH
Dun & Bradstreet Match Candidate	22	
Errors	2	HIGH
- CUSTOMER UPLOAD:** A section with a dashed box containing the text 'Individuals, STEP XML' and a 'Select file' button.
- INDIVIDUAL COMPLETENESS:** A bar chart showing completion levels. The y-axis ranges from 0-10% to 80-90%. A single bar is visible at the 80-90% level.
- RECENTLY UPDATED INDIVIDU...:** A pie chart showing three segments, each labeled 33.33%.
- SPREAD ON NATIONALITY:** A pie chart showing the distribution of nationalities: Australian (37.50%), British (31.25%), USA (28.75%), Danish, and German.

Summary Information

Always see relevant information about customer records and collections
- Even when navigating to different tabs

The screenshot shows the SiioboSystems interface for a customer record. At the top, the SiioboSystems logo is on the left, and a search bar with 'Search' text and a magnifying glass icon is on the right. Below the search bar are links for 'Advanced search', 'SiioboCMDM', a settings gear icon, and an external link icon. A blue sidebar on the left contains a 'Tasks' section with a checkmark icon and a 'Data Quality Operations' section with a menu icon. The main content area features a header for 'Philip Kristen' (INDIVIDUAL CUSTOMER • ID: 122979) with contact information: '9821 US Highway 60 Owensboro, KY 42301, US • (661) 659-4868 (593) 485-9261 • Curabitur.massa.Vestibulum@amet.edu GenyaHagiwara@jourrapide.com'. Below this is a navigation bar with tabs: 'Individual Details' (selected), 'Source Traceability', 'History', 'Household', and 'Confirmed Non Duplicates'. The main content is divided into two columns. The left column contains 'Personal Details' and 'Financial Details' sections, each with input fields for various attributes. The right column shows 'Completeness' at 100% (green bar), 'Key Identifiers' (Golden Record ID: 122979 - Active), and a table of 'Source Records'. At the bottom, there are 'Save' and 'Reset' buttons.

SiioboSystems Search Advanced search SiioboCMDM

Philip Kristen INDIVIDUAL CUSTOMER • ID: 122979
9821 US Highway 60 Owensboro, KY 42301, US • (661) 659-4868 (593) 485-9261 • Curabitur.massa.Vestibulum@amet.edu GenyaHagiwara@jourrapide.com

Individual Details Source Traceability History Household Confirmed Non Duplicates

Personal Details

First Name Philip

Last Name Kristen

Main Address Data Container 9821 US Highway 60 Owensboro, KY 42301, US

Email Data Container GenyaHagiwara@jourrapide.com
Curabitur.massa.Vestibulum@amet.edu

Phone Data Container (593) 485-9261
(661) 659-4868

Financial Details

Credit Limit 56153

Good Person Flag Y

Income 596822

Income Update Date 3/8/17

Past Due Days 120

Past Due Dollars 7007

Completeness **100%**

Key Identifiers

Golden Record ID 122979 - Active

Source Record	Source System	Created	Last Updated
16100115-7070	X	12/13/2017	12/13/2017

Household ID (123572)

Household Naida Kristen
Philip Kristen
Jim Kristen

Golden Record Creation 2017-12-13 11:38:25

Golden Record Last Updated 2017-12-13 11:38:25

Save Reset

Data Container Display and Editing

Main Address Data Container	36 Garden St Sharon, MA 02067-2654, United States
Email Data Container	primis@Innec.co.uk
	EssieGJones@dayrep.com
Phone Data Container	(216) 435-0544
	(721) 812-5199

- ◆ One-line Display per Data Container Entry
- ◆ Pop-up Editor Provides Detailed Breakdown

Main Address Data Container

36 Garden St Sharon, MA 0...	City	Sharon	Standardized Address 36 Garden St Sharon, MA 02067-2654, United States
	Country	US	
	Country ISO Code		Quality Index B
	State	MA	
	Street	36 Garden Street	
	Zip	2067	

✓ OK ✗ Cancel

Advanced Merge Screen Updates

Advanced Merge
✕

✕ Exclude Record
+ Include Record
||| Set as Survivor

	<input type="checkbox"/>	<input type="checkbox"/>	Merge Preview
ID	123261 (Survivor)	123488	123500
Source Information	Y 16950708-4821	X 16820904-2194	Y 16320807-2367
Score	-	75 ⓘ	87.5 ⓘ
First Name	Aaron	Aron	Aarone
Last Name	Kirk	Kurk	Kirk
Street	6770 W Via Tres Casas	6770 W Via Tres	6770 West Via Tres Casas
City	Tucson	Tucson	Tuson
State	AZ	AZ	AZ
Zip	85743	85743	85743
Country	US	US	US
Email Data Container	AAKI@stibosystems.com AaronKirkAZ@gmail.com	AKIR@stibosystems.com A.Kirk10@hotmail.com	AaronKirkAZ@gmail.com
Phone Data Container	(520) 591-3302 (928) 578-5757	(928) 189-9322	(520) 591-1771 (928) 328-0522
Credit Limit	78698	58815	88224

➤ Merge
👤 Reassign
✕ Reject
Cancel

Enhanced Data Import Functionality

Map SourceRecordID to [Close]

ID

Name

Attribute

Product Reference

Asset Reference

Classification Reference

Entity Reference

Reference Meta-Data

Parent

Object Type

Target ID Aspect:

Reference Type:

Source System:


- Constant:
- Column:
- Variable:

This Target ID Aspect is only relevant for usage with the Merge Golden record matching strategy.

Mandatory

Cancel OK

Configurable Matching Algorithm

 Decision Table: table

Data

ID	> Data	>
> normName	Name Normalizer(On Object)	
> normAddress	Address Normalizer(On Object, DC:Main Address Data Container)	
> normEmail	Email Normalizer(On Object, DC:Email Data Container)	
> normPhone	Phone Normalizer(On Object, DC:Phone Data Container)	
>	Add Data	

Matchers

ID	> Matcher	>
> name	Name Matcher(normName)	
> address	Address Matcher(normAddress)	
> email	Email Matcher(normEmail)	
> phone	Phone Matcher(normPhone)	
>	Add Matcher	

Rules

Rules Strategy

address >70	> email >70	> name >70	> phone >70	> Result
>				$(\text{address} * 50.0 + \text{name} * 50.0) / 100.0$
>				$(\text{name} * 50.0 + \text{email} * 50.0) / 100.0$
>				$(\text{phone} * 50.0 + \text{name} * 50.0) / 100.0$
>	Add Rule			

Preconfigured Solution

Recommended Base Entity Data Model

- ◆ Includes Object Types, Attributes, References, etc

Base Matching Algorithm and Match Codes for Individuals, Organizations, Households, and Contact Persons

Match & Merge Importer with Loqate Address Verification

Web UI with Basic Data Steward Functionality

- ◆ Clerical Review Task Handling
- ◆ Data Quality Monitoring of Collections
- ◆ Basic Customer Account Details Screens

Deployable via STEP XML Packages

PLM

Core PLM Functionality

Pre-configured PLM Options for Faster Time-to-Value

- ◆ PLM Data Model to Support Product Design and Sample Management
- ◆ WebUI for Business Users as well as Suppliers
- ◆ Workflow Processes for New Product Development and Change Management

Ideation / Storyboards

Document Management

Bill Of Materials
Management

New Product
Development

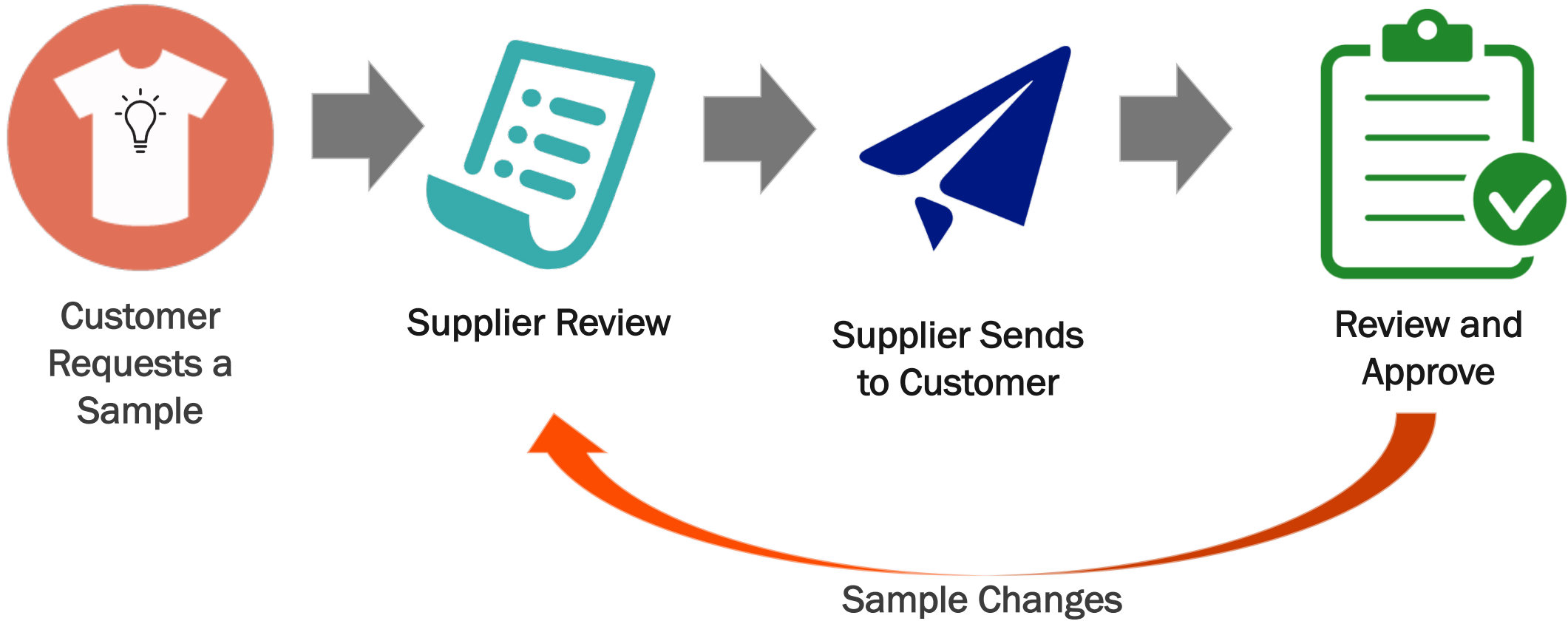
Change Management

Supplier Management

Samples Management

SpirePLM®

Samples Process



Samples Management – Initiation

Create a Sample [X]

ID:

Name:

ObjectType:

Customer creates a sample and selects a type of sample (Prototype, Sales, Pre-production)

SpirePLM 12/13 > stepsys Main English US

Design Specification

Summary Colors BOM **Samples** Supplier Allocation Operations Board Images Style Assets Preview Visualizer

Name	Type*	Main Material*	Sample Color*	Requested Date*	PLM RFA Supplier Link	Status Supplier Sample	Product Code	Description	Shipped Units	Ship Date	Ship From Location	Tracking Information
<input checked="" type="checkbox"/> Design Sample 01				yyyy-MM-dd						yyyy-MM-dd		

Various actions are enabled after a sample has been created

Sample Management – Collaboration with Supplier

Supplier provides actual sample and shipping information

► Specification ► Shipping Information ► Additional Images

Select all Clear filter Add POM

	M	Tolerance +/-	Sample Measure	Sample Notes
<input type="checkbox"/> BODY LENGTH FROM HPS	25 1/2 "	3/8"	25 1/2 "	
<input type="checkbox"/> ACROSS SHOULDERS	16 "	3/8"	16 "	

► Specification ► Shipping Information ► Additional Images

Product Code	14521-01
Description	Women Blazer
Shipped Units	2 (size M)
Ship Date	2017-09-15
Ship From Location	SA_123
Tracking Information	1Z5896658745329

Customer inspects actual samples upon receipt

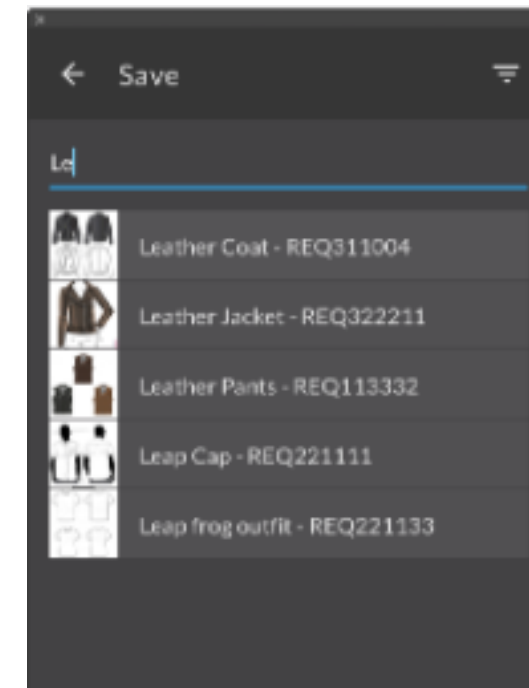
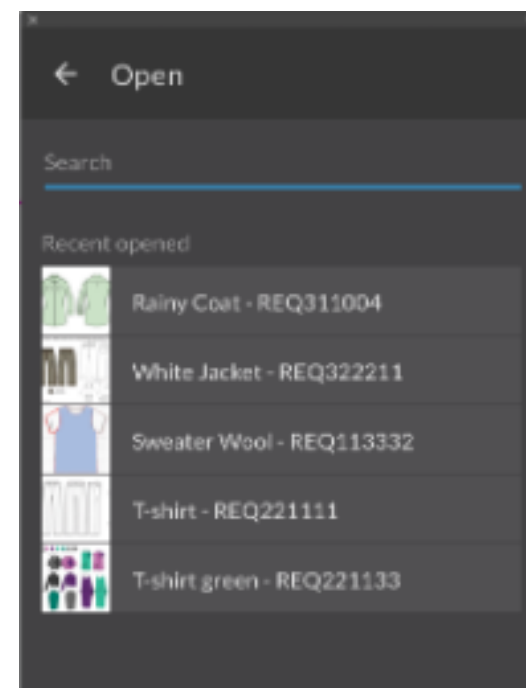
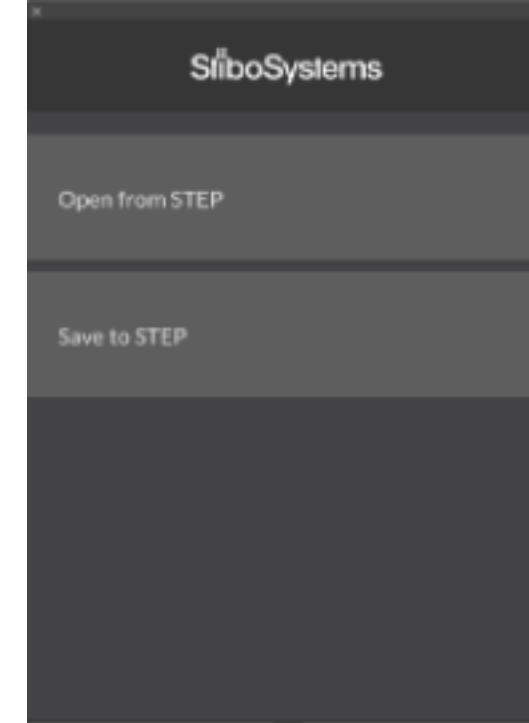
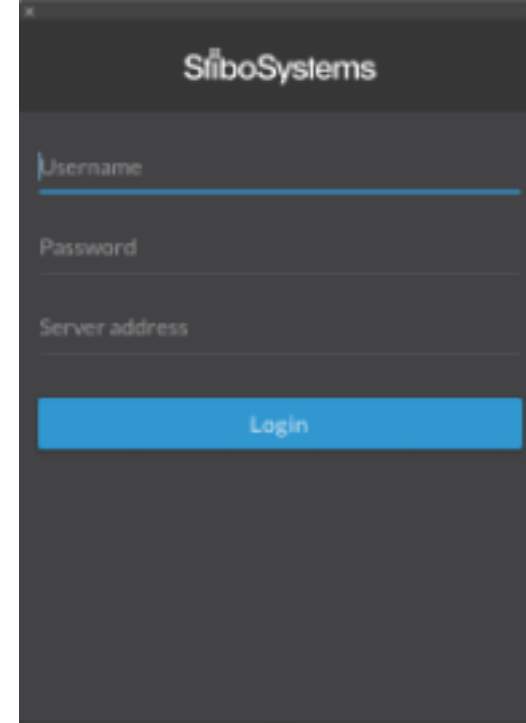
Sample Review	Measurements	Sample Images
Receipt Quality		
Receipt Date	2017-09-21	
Inspection Notes		
Receiving Location		
Reject Reason		
Quality Control Log		
Received By		

Product Code: 14521-01
Description: Women Blazer
Shipped Units: 2 (size M)
Ship Date: 2017-09-15
Ship From Location: SA_123
Tracking Information: 1Z5896658745329

Adobe Illustrator Integration

Create, Access and Update Product Design Files Stored in SpirePLM Directly from Adobe Illustrator

- ◆ Adobe Illustrator Integration Plugin Including UI to Login, Browse, Open and Save Files in SpirePLM
- ◆ Component Model to Support Standard Configuration



Storyboard Application for Designers

Capture and Share Ideas, Trends, and Inspiration During Product Ideation Using Digital Storyboards

Improvements to 8.2 Storyboards App

- ◆ Full Screen Views
- ◆ Rotating Images
- ◆ Duplicating Boards



Platform

Open Platform

- ◆ API Improvements
- ◆ New Query API
- ◆ Business Functions
- ◆ Inbound and Outbound Integration Capabilities

InMemory Optimizations

- ◆ Startup Time
- ◆ Search Performance

Data Governance Wiki

Open Platform

Open Platform – API Improvements

- ◆ Rich Set of Query Features
- ◆ Create Event Processor Plugins for Asynchronous Updates and Integrations
- ◆ Create and Evaluate Business Function Plugins
- ◆ New Functionality for Creating LOVs
- ◆ Access Converted Asset Content
- ◆ ~30 additional methods available

Query API

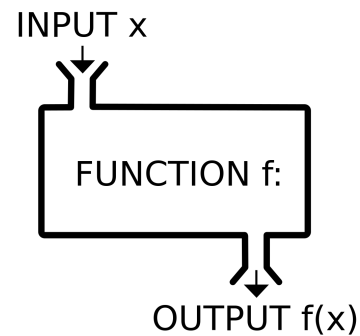
- ◆ Powerful Alternative Query Methods (e.g. singleAttributeQuery)
- ◆ Uses Builder Patterns for Query Construction
- ◆ Flexible Queries Using “.and”, “.or” and Exclude Options
- ◆ Available via the Extension API and Scripting API (from Business Rules)
- ◆ Example: Find the Product Node(s) where the Color Starts with "BI" (for instance Blue or Black), that is Either a Sales Item or a Sales Item Family, and Resides in the Electronics Category

```
QueryHome qh = restContext.getManager()
    .getHome(com.stibo.query.home.QueryHome.class);

qh.queryFor(Product.class).where(
    valueOf(colorAttribute).like(expression: "BI*")
    .and(
        objectType(salesItemOT)
        .or(
            objectType(salesItemFamilyOT)
        )
    )
    .and(
        hierarchy().simpleBelow(electronics)
    )
);
```

Business Functions

- ◆ Units of Logic that Produce Output Based on Input without Changing the State
- ◆ Serve as Helper Functions for Business Logic - Business Actions and Conditions, Integration Endpoints and Event Processors
- ◆ Create Business Function Plugins with Configurable UI via the Extension API



The screenshot shows the "System Setup" interface. On the left is a tree view with categories: Gateway Integration Endpoints, Global Business Rules, Actions, Conditions, and Functions. Under Functions, "Accessories Text Producer" is selected. On the right is a detailed view for "Accessories Text Producer rev.0.5 - Business Function".

Business Function	Usage	Log	Status
Name	>	>	>
ID	>	>	>
Name	>	>	>
Revision	>	>	>
Description	>	>	>
Type	>	>	>
Run as privileged	>	>	>

Function Dependencies

JavaScriptBusinessFunctionWithBinds: Bindings, 0 messages, Parameter, Return Type, var referencesArray = product

The screenshot shows the "Edit Operation" interface for the "Allergen Warning Producer" function. It features a table with columns for "Parameter", "Fixed Value?", and "Value".

Parameter	Fixed Value?	Value
Recipe Product:	<input type="checkbox"/>	Provided by caller
Reference Type:	<input checked="" type="checkbox"/>	Ingredient (Ingredient)
Allergen Info Attributes:	<input type="checkbox"/>	Contains Gluten (ContainsGluten)
	<input checked="" type="checkbox"/>	Contains Nuts (ContainsNuts)

A green plus icon is visible at the bottom right of the table area.

Inbound and Outbound Integration Capabilities



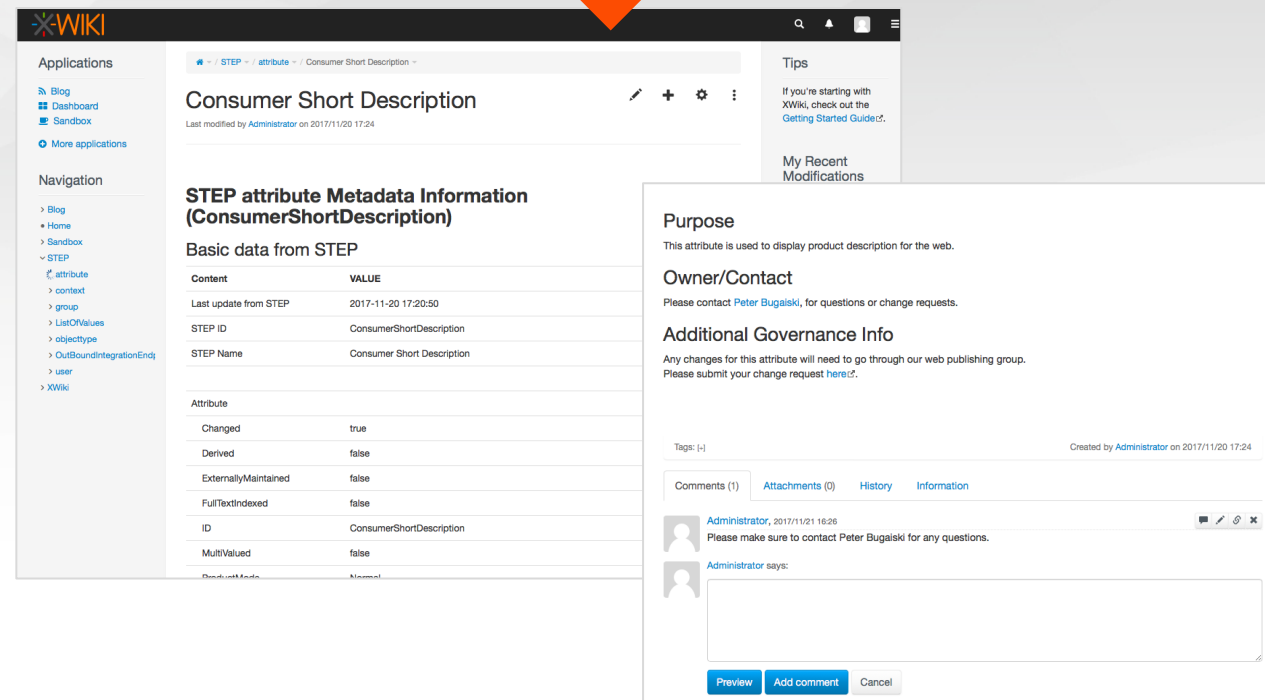
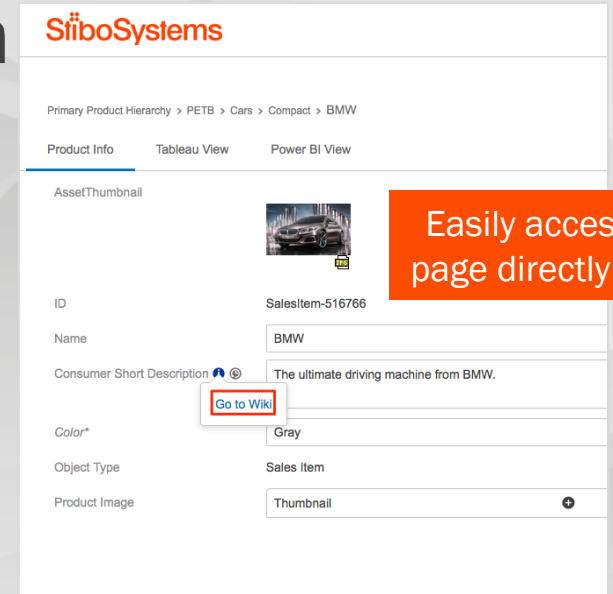
- ◆ Amazon SQS Delivery Plugin for Easy Event-based Messaging in the Amazon Cloud Ecosystem
- ◆ REST Direct OIEP Plugin Enhancements
- ◆ STEP XML Export Configuration Made Easy
- ◆ Improvements to OIEP Delivery Plugins for FTP and sFTP

A screenshot of a software dialog box titled "Edit Delivery Configuration". It contains several fields for configuring a REST Direct delivery method. The "Select Delivery Method" dropdown is set to "REST Direct". The "URL" field contains "https://someendpoint.com". The "HTTP Method" dropdown is set to "POST". The "Query Parameters" field contains "version = 2" with an "Add parameter" link below it. The "Headers" field contains "Content-Type = application/xml" with an "Add parameter" link below it. The "Footer (Optional)" field is empty. The "ZIP Content" dropdown is set to "No". The "Basic Authentication (Optional)" section has a "Username" field with "someuser" and a "Password" field with masked characters. "OK" and "Cancel" buttons are at the bottom right.A screenshot of a software dialog box titled "Select Format". The "STEPXML" format is selected in the dropdown menu. Below the dropdown, there is a note: "Exports data in a STEP Product Information XML format. Note that this format ignores the leaf products only setting." Under the "Global Settings" section, there are five dropdown menus, all set to "No": "Export Data for Selected Contexts", "Include Schema Reference", "Include Inherited Data", "Flatten Hierarchies", and "Include Keys as IDs".

Configuration Governance Wiki

Capture, Collaborate and Contribute Information

- ◆ Explains how your system works and how to use it
- ◆ Captures configuration governance metadata on system setup objects
- ◆ Documents the purpose of an attribute or integration endpoint, who owns LOVs, or the process to request a change to a workflow
- ◆ Allows administrators to collaborate and contribute additional information



Project Goal

Configuration Governance (CG) refers to capturing data about the system configuration objects and offering a collaborative platform for Configuration Management answering for instance

- ◆ What is the business purpose of the attribute “Ready for e-Comm”?
- ◆ Who owns the “Country of Origin” LOV and how can I get an entry added to it?
- ◆ What is the process to submit change requests for our Product Onboarding workflow?
- ◆ Why do we have an outbound integration endpoint called “SAP Approved Data”?

The goal of the solution is to create a simple and extensible out of the box reference implementation of a CG system that integrates STEP Trailblazer with a Wiki system for capturing configuration metadata as well as offers a collaboration platform

Product Details

- ◆ Enablement of configuration governance through Wiki integration
- ◆ Central point for documentation of configuration objects such as workflows, user and user groups, attributes, integration endpoints, business rules, etc.
- ◆ Offers collaboration between departments via comments and other web features on the Wiki pages' custom areas
- ◆ Fully integrated solution for creation and updates of Wiki page metadata area, responsive to configuration object creation and updates
- ◆ All content is full text searchable via the Wiki type ahead search (subject to deployed Wiki platform)



Thank You

StiboSystems