

ATG Web Commerce Siebel CPQ Reference Integration



KEY FEATURES

- Aggregates Product Catalogs into an Export Job
- Exports any level of a structured product catalog
- Supports initialization and updates to Product Catalog
- Supports lifecycle changes of a Product Catalog across the applications
- Includes full structure export of Promotions and CPs
- Exports Product Collateral and Related Products with Product Definition
- Exports a Product's Class
- Exports a Price List Line Item's Volume Discount

The integration between Siebel's Configure, Price, Quote application and ATG Web Commerce is delivered as a reference integration module complete with source code to enable Oracle's customers and partners to extend the features and functionality. The Reference Integration module provides features and functionality for both design time and runtime users.

Design Time Integration

Extend your investment in Siebel CPQ to your online channel. The ATG Siebel Reference Integration provides fully functioning design-time product catalog synchronization allowing product managers to maintain their products in Siebel and synchronize the changes to the online channel.

New capabilities, available beginning with release 8.1.1.10 FP of Siebel CPQ, include:

- Enhanced Product Catalog User Experience supporting the integration requirements
- Build Web Commerce Export Content Jobs with ease using 'select and send' functionality.
- Build Jobs for Catalog, Products, Pricing and associated entities
- Edit Export Jobs using new administration views to ensure only the correct records are sent
- Manage errors with three out-of-the-box error handling strategies
- Manage individual job progress through multi-state status updates.

KEY BENEFITS

- Delivered as source code
- Deployable on any application server
- Configurable and extensible
- Optimizes Siebel Web Commerce Job Details prior to Siebel Inbound WS Invocation
- Stores Job Processing in In-Memory Db

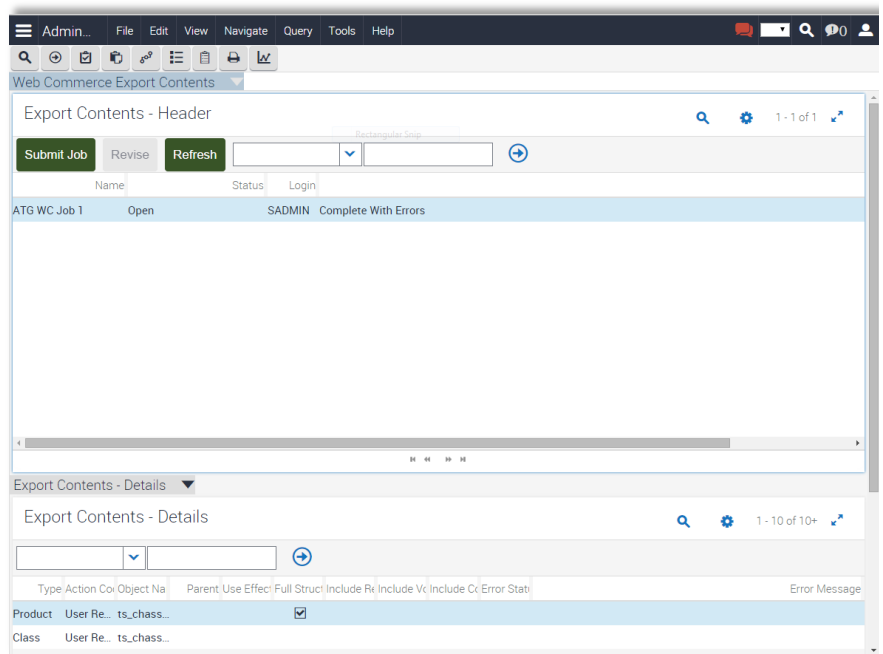


Figure 1. Administration – Order Management- Web Commerce Export Jobs View

Extensibility

- 10 new Product Catalog Web Services – inbound web services that are fully extensible
- Siebel Commerce Object Aggregator – a java module delivered as source code to facilitate a quick-start approach to Product Catalog synchronization – fully functioning out-of-the-box
- Fully configurable Properties and Manifest files at the SCOA and ATG Reference Integration level

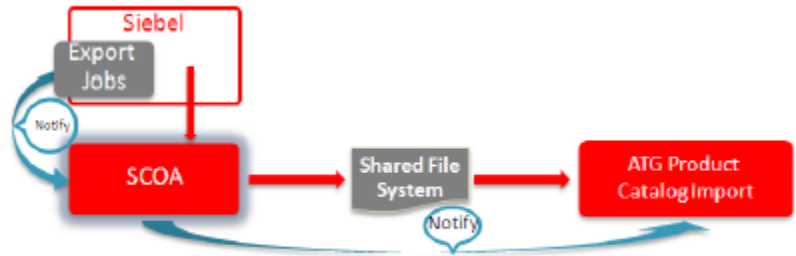


Figure 2. Siebel ATG RI Block Diagram

Empowering Product Managers

- The Product Catalog synchronization allows product managers to spend more time managing their products and less time managing data about their products in different applications. The ingestion of the Siebel Product Catalog by the ATG Reference Integration is the first step to ensuring clean orders in online complex ordering scenarios.

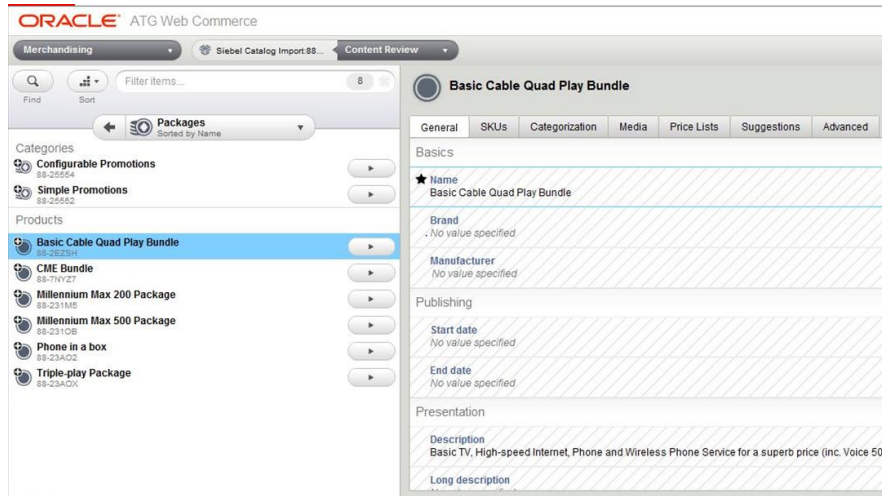


Figure 3. ATG Web Commerce BCC (shows ingested Siebel Catalog)

ATG WEB COMMERCE

The leading commerce application provides access to the open source reference integration.

Runtime Integration - Capabilities

The ATG Web Commerce reference integration module delivers three primary components, the repository meta schema used to facilitate all commerce based on Siebel CPQ, a UI block builder that provides automated UI generation, and a business process layer that orchestrates web service invocation and reception.

- Product Configuration of Standalone configurable products
- Product configuration of configurable products within the context of a promotion
- Updating the ATG shopping cart/order at each stage of the configuration process, with the results of the configuration steps
- Shopper account details are sent from ATG to Siebel during product configuration(if possible)
- Standard JSP templates delivered with the integration to enable a UI to be constructed for all flavors of configurable products and promotions

KEY FEATURES

- The integration is headless and done in memory within Siebel (new Orders)
- Web UI relating to promotions and configurable products is fully configurable
- Automatic generation of Web UI for promotions and configurable products upon successful deployment of those products to ATG production

The image shows two examples of the ATG RI UI Builder JSPs for VoIP Service configuration. The left screenshot shows the main configuration page with a 'Features' dropdown menu open, listing various options like 'VoIP Laptop Phone', 'VoIP Fax Service', and 'VoIP Call Forwarding'. The right screenshot shows a detailed view of the 'VoIP Call Forwarding' feature, including fields for 'Telephone Number', 'Ring List Sequence Number', 'Call Hunt Sequence Number', and 'Area Code', along with 'Update' and 'Delete' buttons.

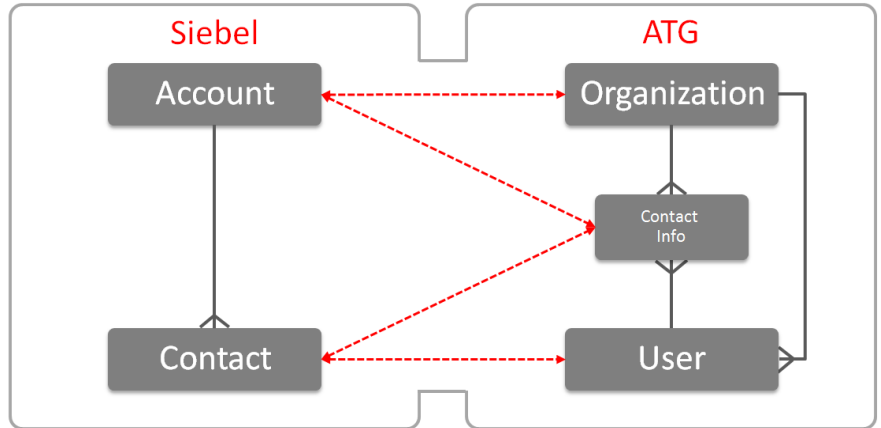
Figure 4. Examples of ATG RI UI Builder JSPs

KEY BENEFITS

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- Configurable and extensible

Runtime Integration – Use Cases

- Support for Account/Contact integration including modification and creation of the Account Contact association within ATG or Siebel and bi-directional synchronization



Simplified Mapping to support Complex Converged Business Models

Figure #. Siebel ATG Account Contact ERD

- Support for new order scenario with synchronization of final commerce order with Siebel CPQ (all business rules executed in memory, all product types supported)

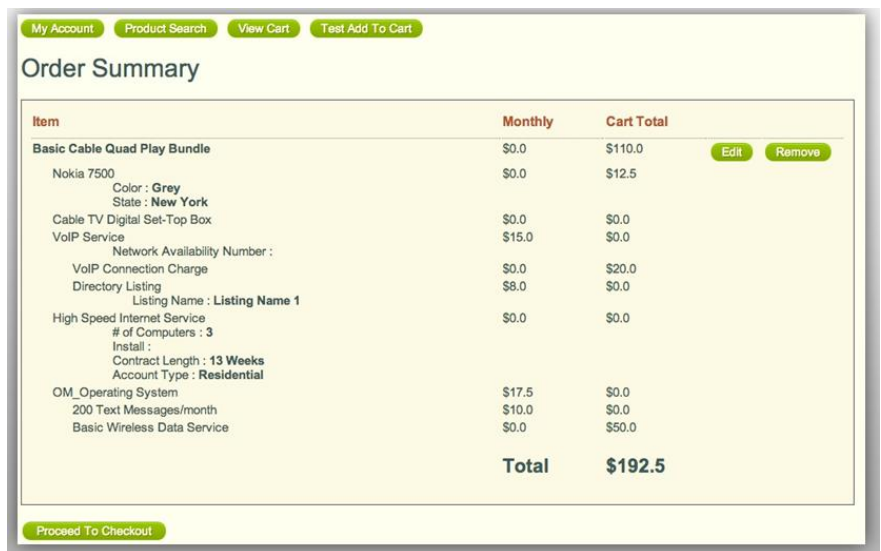


Figure #: View Bundled Promotions in the Shopping Cart

- Support for Viewing Assets and Order History

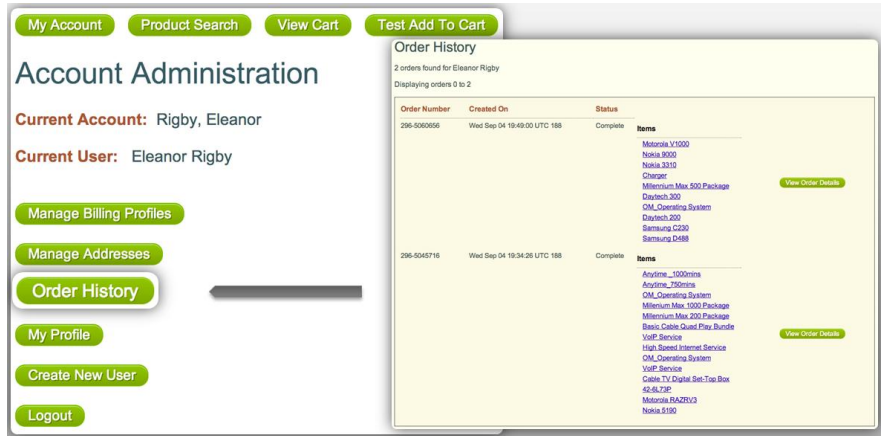


Figure 5: View Order History from Siebel

- Support for Asset Based Ordering including Change, Add, Delete. All web services for the business rules for ABO are orchestrated and performed within the ATG RI

ATG_SIEBEL_90001 > Assets

Asset Id	Product Name	Description	Product Type	Bill To Account	Sold To Account
1-656580418	X_Mobile	ServiceBundle	Product	ATG_SIEBEL_90001	ATG_SIEBEL_90001
1-660097235	ATG_BP_Call&SurfPremium	Bundled Promotion	Promotion	ATG_SIEBEL_90001	ATG_SIEBEL_90001

Figure 6: List of Assets



X_Mobile

ServiceBundle
[Change](#)

The card features a white iPhone with a grid of colorful app icons on its screen, positioned on the left side. To the right of the phone, the text 'X_Mobile' is displayed in a large, bold, dark blue font. Below this, the text 'ServiceBundle' is shown in a smaller, grey font, followed by a green button with the word 'Change' in white text.

Child Assets

X_Mobile Tarif Flat

Mobiltarif

X_GPRS

Mobiloption

Included Features

CSF -

Mobilrufnummer -

Recommended Promotions

ATG_BP_Call&SurfPremium [Apply](#)





Figure 7: Asset Profile



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