Guidewire BillingCenter®

Guidewire InsuranceSuite Guide

RELEASE 8.0.4

Guidewire®
Deliver insurance your way™

About BillingCenter Documentation

The following table lists the documents in BillingCenter documentation.

Document	Purpose
InsuranceSuite Guide	If you are new to Guidewire InsuranceSuite applications, read the *InsuranceSuite Guide* for information on the architecture of Guidewire InsuranceSuite and application integrations. The intended readers are everyone who works with Guidewire applications.
Application Guide	If you are new to BillingCenter or want to understand a feature, read the *Application Guide*. This guide describes features from a business perspective and provides links to other books as needed. The intended readers are everyone who works with BillingCenter.
Upgrade Guide	Describes how to upgrade BillingCenter from a previous major version. The intended readers are system administrators and implementation engineers who must merge base application changes into existing BillingCenter application extensions and integrations.
New and Changed Guide	Describes new features and changes from prior BillingCenter versions. Intended readers are business users and system administrators who want an overview of new features and changes to features. Consult the "Release Notes Archive" part of this document for changes in prior maintenance releases.
Installation Guide	Describes how to install BillingCenter. The intended readers are everyone who installs the application for development or for production.
System Administration Guide	Describes how to manage a BillingCenter system. The intended readers are system administrators responsible for managing security, backups, logging, importing user data, or application monitoring.
Configuration Guide	The primary reference for configuring initial implementation, data model extensions, and user interface (PCF) files. The intended readers are all IT staff and configuration engineers.
Globalization Guide	Describes how to configure BillingCenter for a global environment. Covers globalization topics such as global regions, languages, date and number formats, names, currencies, addresses, and phone numbers. The intended readers are configuration engineers who localize BillingCenter.
Rules Guide	Describes business rule methodology and the rule sets in BillingCenter Studio. The intended readers are business analysts who define business processes, as well as programmers who write business rules in Gosu.
Contact Management Guide	Describes how to configure Guidewire InsuranceSuite applications to integrate with ContactManager and how to manage client and vendor contacts in a single system of record. The intended readers are BillingCenter implementation engineers and ContactManager administrators.
Best Practices Guide	A reference of recommended design patterns for data model extensions, user interface, business rules, and Gosu programming. The intended readers are configuration engineers.
Integration Guide	Describes the integration architecture, concepts, and procedures for integrating BillingCenter with external systems and extending application behavior with custom programming code. The intended readers are system architects and the integration programmers who write web services code or plugin code in Gosu or Java.
Gosu Reference Guide	Describes the Gosu programming language. The intended readers are anyone who uses the Gosu language, including for rules and PCF configuration.
Glossary	Defines industry terminology and technical terms in Guidewire documentation. The intended readers are everyone who works with Guidewire applications.

Conventions in This Document

Text style	Meaning	Examples
italic	Emphasis, special terminology, or a book title.	A *destination* sends messages to an external system.
bold	Strong emphasis within standard text or table text.	You **must** define this property.
narrow bold	The name of a user interface element, such as a button name, a menu item name, or a tab name.	Next, click **Submit**.
`monospaced`	Literal text that you can type into code, computer output, class names, URLs, code examples, parameter names, string literals, and other objects that might appear in programming code. In code blocks, bold formatting highlights relevant sections to notice or to configure.	Get the field from the `Address` object.
`monospaced italic`	Parameter names or other variable placeholder text within URLs or other code snippets.	Use `getName(`*`first, last`*`)`. `http://`*`SERVERNAME`*`/a.html`.

Support

For assistance, visit the Guidewire Resource Portal – `http://guidewire.custhelp.com`

InsuranceSuite Features

Guidewire InsuranceSuite is a set of three core applications that support the three core business functions of property and casualty insurance enterprise: policy management, billing management, and claim management. The three products are:

- PolicyCenter
- BillingCenter
- ClaimCenter

In addition, ContactManager is available to the core applications to serve as the system of record for contacts and clients.

All these applications are designed to integrate with one another and to pass information to one other.

This topic includes:

- "InsuranceSuite Feature Overview" on page 7

InsuranceSuite Feature Overview

InsuranceSuite consists of three Guidewire core applications, each of which is the core system for one of the three main types of data for property and casualty insurance companies:

- **PolicyCenter** – Create and manage insurance policies. You can design your product definition and manage producers, accounts, and policies. You can create new policies in PolicyCenter, and optionally migrate existing policies on renewal. PolicyCenter supports archiving old policies in a separate external system and restoring those policies in PolicyCenter.
- **BillingCenter** – Manage billing for accounts, producers, and policies.
- **ClaimCenter** – Manage claims on existing policies. ClaimCenter supports archiving old closed claims in a separate external system and restoring those claims in ClaimCenter.

Guidewire InsuranceSuite applications use a shared technology platform. There are built-in integrations between the applications, and you can extend and configure the applications to meet your needs.

Additional Guidewire Products

The following Guidewire products integrate with the Guidewire core applications:

- **ContactManager** – Provides optional contact management for the core applications. ContactManager is included with ClaimCenter for vendor management. For customer data, you can license Client Data Management to use ContactManager with customer data with any Guidewire core application. ContactManager can serve as the system of record for contact and client data for the InsuranceSuite applications. See "Interactions Between ContactManager and Core Applications" on page 12.
- **Guidewire InfoCenter** and **Guidewire Standard Reporting** – Two products that can be used to enable reporting in Guidewire applications.

Guidewire InsuranceSuite Add-on Products

There are additional Guidewire products that add functionality to InsuranceSuite applications:

- **Rating Management for PolicyCenter** – Built-in advanced rating engine, including configuration user interface.
- **Reinsurance Management** – Both ClaimCenter and PolicyCenter work with reinsurance data. For PolicyCenter, you must license the Reinsurance Management add-on.
- **Client Data Management** – Enables customer contact data management for all Guidewire core applications. See "Interactions Between ContactManager and Core Applications" on page 12.

The following diagram describes the important feature-level interactions among the core Guidewire applications, ContactManager, Guidewire Data Management, and the most common additional applications and add-ons.
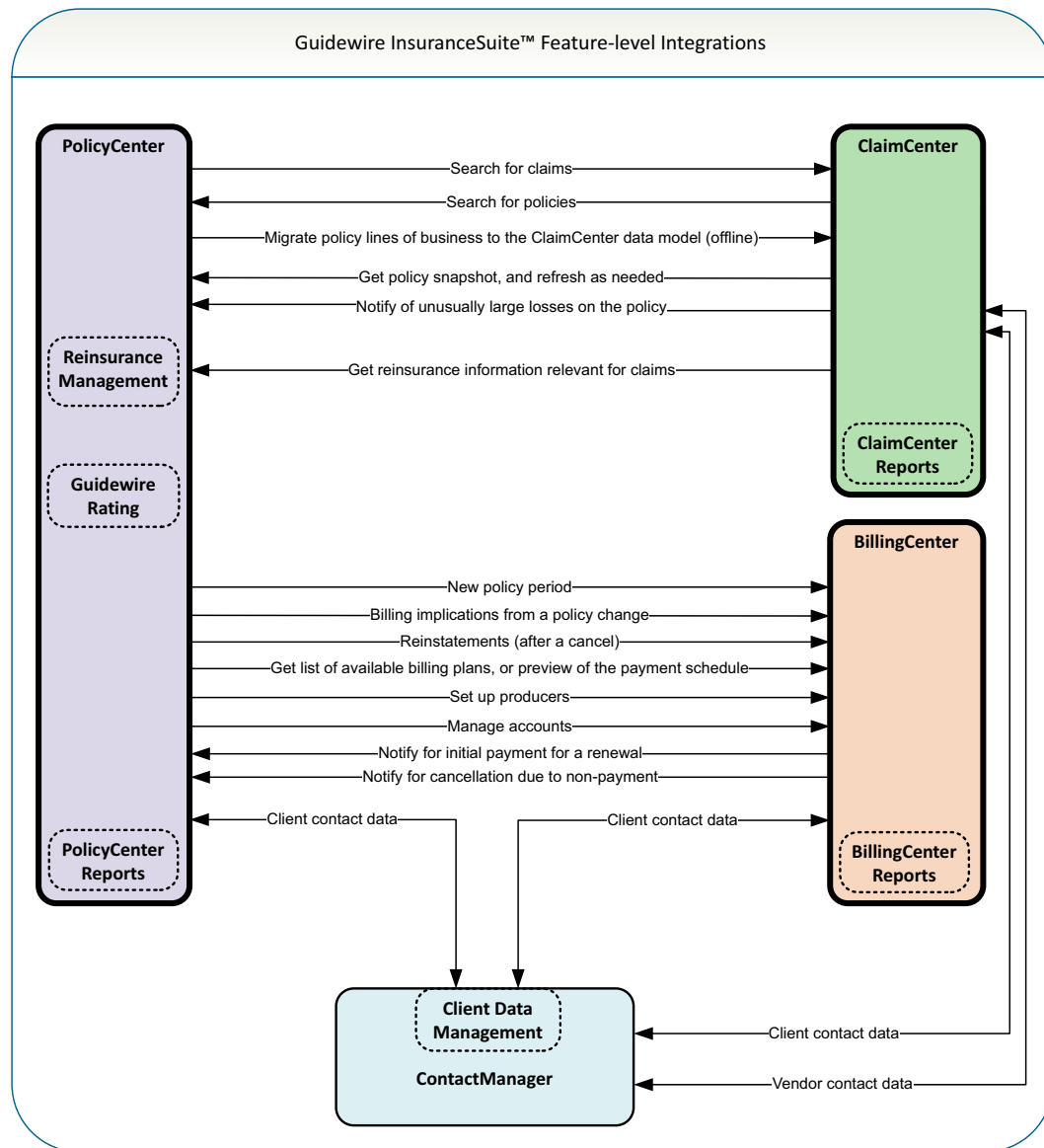
Suite Integration Features

Interactions Between PolicyCenter and ClaimCenter

The following topics briefly summarize each integration feature between PolicyCenter and ClaimCenter.

For more information on integrating ClaimCenter and PolicyCenter, see "Integrating ClaimCenter and PolicyCenter" on page 13.

Policy Search in ClaimCenter

In the ClaimCenter application, a user can search for a policy and specify a loss date. ClaimCenter sends the search request to PolicyCenter, which returns the requested data.

See "Searching for Candidate Policies" in the *ClaimCenter Application Guide*, which is in the separate ClaimCenter documentation set.

Policy Snapshots and Policy Refresh

ClaimCenter saves a claim with a snapshot, a copy, of the policy including policy subobjects. ClaimCenter users can examine a policy snapshot to verify coverage information in real time.

If needed later, a ClaimCenter user can refresh the policy from PolicyCenter to reflect changes to the policy as of that loss date. Alternatively, if the claim loss date changes, ClaimCenter retrieves a different policy snapshot. The ClaimCenter policy refresh feature is highly configurable.

See "Policy Refresh Overview" in the *ClaimCenter Integration Guide*, which is in the separate ClaimCenter documentation set.

Policy Location Search

To track catastrophes in ClaimCenter, ClaimCenter searches PolicyCenter for policy locations in a geographic area. Each policy location found includes address, policy number, the insured, and total insured values for risks associated with the location. Policy locations near catastrophes might be eligible for reinsurance.

See "Catastrophe Dashboard" in the *ClaimCenter Application Guide*, which is in the separate ClaimCenter documentation set.

Large Loss Notification

When there is an unusually large loss on a policy, ClaimCenter can notify PolicyCenter. The rules for notification are configurable by line of business. PolicyCenter can use this information to trigger automatic underwriting rules that determine whether to renew the policy. You can apply consistent automated underwriting rules to evaluate loss, rather than waste time for underwriters in common cases.

See "Policy System Notifications" in the *PolicyCenter Integration Guide*. See also "Enabling Large Loss Notification Integration" in the *PolicyCenter Installation Guide*. These topics are available in the separate PolicyCenter documentation set.

Claim Search in PolicyCenter

In the PolicyCenter application, a user can search for claims by specifying a policy number or claim number. PolicyCenter sends the request to ClaimCenter, which performs the search and returns the information to PolicyCenter. A typical use of this feature is to view the claims that have been filed against a policy.

- See "Claim Search from PolicyCenter" in the *PolicyCenter Integration Guide*, which is in the separate PolicyCenter documentation set.
- See "Claim Search Web Service For Policy System Integration" in the *ClaimCenter Integration Guide*, which is in the separate ClaimCenter documentation set.

Product Model Export from PolicyCenter to ClaimCenter

If you use both ClaimCenter and PolicyCenter, you can keep business model data synchronized between the products. PolicyCenter includes the ClaimCenter Typelist Generator tool, which synchronizes your ClaimCenter line of business model with your PolicyCenter product model.

See "PolicyCenter Product Model Import into ClaimCenter" in the *PolicyCenter Integration Guide*, which is in the separate PolicyCenter documentation set.

PolicyCenter Can Open ClaimCenter or BillingCenter in a New Browser Window

There are screens in PolicyCenter that enable the user to open ClaimCenter or BillingCenter in a separate browser window. In the new window depending on the applications that is open, the user can directly view and edit claim information or billing information. The technical description is that a PolicyCenter exit point calls an entry point for the other Guidewire application.

See "PolicyCenter Exit Points to the Claim and Billing Applications" in the *PolicyCenter Integration Guide*, which is in the separate PolicyCenter documentation set.

ClaimCenter Can Open PolicyCenter or ContactManager in a New Browser Window

There are screens in ClaimCenter that enable the user to open PolicyCenter or ContactManager in a separate browser window. In the new window, depending on the applications that is open, the user can directly view and edit policy information or contact information. The technical description is that a ClaimCenter exit point calls an entry point for the other Guidewire application.

See "ClaimCenter Exit Points to the Policy and Contact Management Applications" in the *ClaimCenter Integration Guide*, which is in the separate ClaimCenter documentation set.

Interactions Between PolicyCenter and BillingCenter

The following topics briefly summarize each integration feature between PolicyCenter and BillingCenter.

For an overview of PolicyCenter integration with BillingCenter, see "Policy Administration System Integration" on page 399 in the *Application Guide*. See also the "Billing System Integration" topic of the *PolicyCenter Integration Guide*, which is in the separate PolicyCenter documentation set.

Policy Billing Information

After a PolicyCenter user binds a policy, PolicyCenter sends the billing information for that policy to BillingCenter. See:
- "Policy Transactions That Create a New Policy Period" in the *PolicyCenter Application Guide*, which is in the separate PolicyCenter documentation set
- "Policy Transactions That Create Midterm Changes" in the *PolicyCenter Application Guide*, which is in the separate PolicyCenter documentation set

Renewal Flow Management

For renewals, the timing of the flow of billing information in the renewal cycle from PolicyCenter to Billing Center depends on which renewal flow you choose. PolicyCenter supports the following renewal flows: bind-and-cancel, renewal offers, and confirmed renewals.

For detailed comparisons of the renewal flows, see "Billing Implications of Renewals or Rewrites" in the *PolicyCenter Integration Guide*, which is in the separate PolicyCenter documentation set.

Delinquent Payment Notification

If a policy holder is delinquent with payments, BillingCenter notifies PolicyCenter to begin cancellation for nonpayment.

See "Cancellations in the Billing System Integration" in the *PolicyCenter Application Guide*, which is in the separate PolicyCenter documentation set.

Producers and Accounts

PolicyCenter notifies BillingCenter of new or changed producers or accounts.

See "Organizations and Producer Codes Overview" in the *PolicyCenter Application Guide*, which is in the separate PolicyCenter documentation set.

Multicurrency Integration Between BillingCenter and PolicyCenter

PolicyCenter and BillingCenter each handle multicurrency accounts and producers differently. The base configurations of both applications provide features that handle these differences in data that the two applications send each other about multicurrency accounts and producers.

See "Multicurrency Integration Between BillingCenter and PolicyCenter" on page 417 in the *Application Guide*.

PolicyCenter Can Open BillingCenter in a New Browser Window

There are parts of the PolicyCenter user interface that optionally open the BillingCenter application in a separate browser window. In the new window, the user can directly view and edit billing information. The technical description is that a PolicyCenter exit point calls an entry point for the other core application.

See "PolicyCenter Exit Points to the Claim and Billing Applications" in the *PolicyCenter Integration Guide*, which is in the separate PolicyCenter documentation set.

Interactions Between ContactManager and Core Applications

ContactManager is designed to be the system of record for contact information across the InsuranceSuite applications. The following table compares the two types of contact data that ContactManager supports.

Type of contacts	Example contacts	Affects products	License
Customers	customers and related contacts	ClaimCenter PolicyCenter BillingCenter	Requires the Client Data Management add-on module. See "Client Data Management" on page 29 in the Contact Management Guide.
Vendors	car repair shops, banks, hospitals, and lawyers	ClaimCenter	Included in the ClaimCenter license. See "Vendor Data Management" on page 31 in the Contact Management Guide.

The information on interactions between ContactManager and core applications is in the Guidewire Contact Management Guide. This guide covers both integration with ContactManager and various aspects of configuring core application interactions with ContactManager. For example, there are topics covering the following subjects:

- "Integrating ContactManager with Guidewire Core Applications" on page 45 in the *Contact Management Guide*
- "Searching for Contacts" on page 83 in the *Contact Management Guide*
- "Securing Access to Contact Information" on page 109 in the *Contact Management Guide*
- "Linking and Synchronizing Contacts" on page 181 in the *Contact Management Guide*
- "Extending the Contact Data Model" on page 133 in the *Contact Management Guide*
- "Working Directly in ContactManager" on page 205 in the *Contact Management Guide*
- "ContactManager Integration Reference" on page 227 in the *Contact Management Guide*

chapter 2

InsuranceSuite Integration

This topic is an overview of how to integrate the Guidewire InsuranceSuite applications. The applications in the InsuranceSuite integrate with each other primarily through plugins and web services. Guidewire applications publish web services to accept data and commands from other applications. Each Guidewire application uses plugins to pass data and issue commands to the published web services of the other applications. Additionally, there are configuration files and classes involved in setting up the integrations, and in some cases, that modify data passed between the applications.

The topics that describe these integrations are in various guides in your installation. The topics that follow provide an introduction followed by links to those topics.

This topic includes:

- "Integrating ClaimCenter and PolicyCenter" on page 13
- "Integrating BillingCenter and PolicyCenter" on page 15
- "Integrating ContactManager with Guidewire Core Applications" on page 17
- "Integrating ClaimCenter with BillingCenter" on page 17

Integrating ClaimCenter and PolicyCenter

You set up the integration between ClaimCenter and PolicyCenter primarily by specifying plugin implementations in each application that use web services provided by the other application. There are additional configuration files and classes involved in the setup as well.

This topic includes:

- "Basic ClaimCenter and PolicyCenter Integration" on page 13
- "ClaimCenter and PolicyCenter Large Loss Notification Integration" on page 15

Basic ClaimCenter and PolicyCenter Integration

The basic integration enables ClaimCenter to find and retrieve policies from PolicyCenter. It also enables PolicyCenter to transfer policy information to ClaimCenter.

This topic includes:

- "ClaimCenter Files and Classes for Basic Integration with PolicyCenter" on page 14
- "PolicyCenter Files and Classes for Basic Integration with ClaimCenter" on page 14

ClaimCenter Files and Classes for Basic Integration with PolicyCenter

This topic lists the files and classes provided by ClaimCenter for configuring basic PolicyCenter integration. For integration instructions, see "Enabling Integration between ClaimCenter and PolicyCenter" in the *Installation Guide*.

- `suite-config.xml` – An XML configuration file that you edit to indicate which Guidewire applications are installed and available for integration.
- `config.xml` – The main XML configuration file for ClaimCenter. You edit this file to set the URL for PolicyCenter.
- `IPolicySearchAdapter.gwp` – The registry for the ClaimCenter plugin class that implements PolicyCenter integration. In the base configuration, a demo plugin is registered that does not work with PolicyCenter.
- `wsi.remote.gw.webservice.pc.PCConfigurationProvider` – Defines the user name and password that ClaimCenter uses to connect with PolicyCenter.
- For integration with PolicyCenter 8.0:
  - `gw.plugin.pcintegration.pc800.PolicySearchPCPlugin` – You register this plugin class for integration with PolicyCenter 8.0 and later. This class implements the `IPolicySearchAdapter` Gosu interface and calls PolicyCenter web services retrieved in the web collection `pc800.wsc`.
  - `pc800.wsc` – The web collection for PolicyCenter 8.0 web services, the WSDL for use by ClaimCenter plugin implementation classes.
  - `config/datamapping/pc/800/pc-to-cc-data-mapping.xml` – Maps SOAP data sent from PolicyCenter to the entities used to represent policies in ClaimCenter. Works with PolicyCenter 8.0.
- For integration with PolicyCenter 7.0.2 and later 7.0.x releases:

  Note: Files required for integration with PolicyCenter 7.0.2 and later might be marked as deprecated. Ignore this marker. They are the correct files to use for integrating ClaimCenter 8 with PolicyCenter 7.0.2 and later.

  - `gw.plugin.pcintegration.pc702.PolicySearchPCPlugin` – You register this plugin class for integration with PolicyCenter 7.0.2 and later 7.0.x maintenance releases of PolicyCenter. This class implements the `IPolicySearchAdapter` Gosu interface and calls PolicyCenter web services retrieved in the web collection `pc700.wsc`.
  - `pc700.wsc` – The web collection for PolicyCenter 7.0.2 or later 7.0.x web services, the WSDL for use by ClaimCenter plugin implementation classes.
  - `config/datamapping/pc/702/pc-to-cc-data-mapping.xml` – Maps SOAP data sent from PolicyCenter to the entities used to represent policies in ClaimCenter. Works with PolicyCenter 7.0.2 and later 7.0.x PolicyCenter releases.
- Web services that ClaimCenter publishes for use by PolicyCenter for basic integration:
  - `gw.webservice.cc.cc700.pcintegration.PCClaimSearchIntegrationAPI`
  - `gw.webservice.cc.cc800.pcintegration.PCClaimSearchIntegrationAPI`

PolicyCenter Files and Classes for Basic Integration with ClaimCenter

This topic lists the files and classes provided by PolicyCenter for configuring basic ClaimCenter integration. For integration instructions, see "Enabling Integration between ClaimCenter and PolicyCenter" in the *Installation Guide*.

- `suite-config.xml` – An XML configuration file that you edit to indicate which Guidewire applications are installed and available for integration.
- `config.xml` – The main XML configuration file for PolicyCenter. You edit this file to set the URL for ClaimCenter.
- `IClaimSearchPlugin.gwp` – The registry for the PolicyCenter plugin class that implements ClaimCenter integration. In the base configuration, a demo plugin is registered that does not work with ClaimCenter.

- `wsi.remote.gw.webservice.cc.CCConfigurationProvider` – Defines the user name and password that PolicyCenter uses to connect with ClaimCenter.
- For integration with ClaimCenter 8.0:
  - `gw.plugin.claimsearch.cc800.GWClaimSearchPlugin` – You register this plugin class for integration with ClaimCenter 8.0 and later. This class implements the `IClaimSearchPlugin` Gosu interface and calls ClaimCenter web services retrieved in the web collection cc800.wsc.
  - `cc800.wsc` – The web collection for ClaimCenter 8.0 web services, the WSDL for use by PolicyCenter plugin implementation classes.
- For integration with ClaimCenter 7.0:

  Note: Files required for integration with ClaimCenter 7 might be marked as deprecated. Ignore this marker. They are the correct files to use for integrating PolicyCenter 8 with ClaimCenter 7.

  - `gw.plugin.claimsearch.cc700.GWClaimSearchPlugin` – You register this plugin class for integration with ClaimCenter 7.0. This class implements the `IClaimSearchPlugin` Gosu interface and calls ClaimCenter web services retrieved in the web collection `cc700.wsc`.
  - `cc700.wsc` – The web collection for ClaimCenter 7.0 web services, the WSDL for use by ClaimCenter plugin implementation classes.
- Web services that PolicyCenter publishes for use by ClaimCenter for basic integration:
  - `gw.webservice.pc.pc700.ccintegration.CCPolicySearchIntegration`
  - `gw.webservice.pc.pc800.ccintegration.CCPolicySearchIntegration`

ClaimCenter and PolicyCenter Integration for Policy Retrieval

A user in ClaimCenter can search for a policy stored in PolicyCenter and retrieve it, and ClaimCenter can subsequently update its copy of the policy.

The ClaimCenter side of this integration is described in:

- "Policy Search Plugin" in the *ClaimCenter Integration Guide*

The PolicyCenter side of this integration is described in:

- "Policy Search Web Service (For Claim System Integration)" in the *PolicyCenter Integration Guide*

ClaimCenter and PolicyCenter Large Loss Notification Integration

There is a large loss notification integration available that requires that the basic integration between PolicyCenter and ClaimCenter be working. This integration is optional.

Integrating BillingCenter and PolicyCenter

You set up the integration between BillingCenter and PolicyCenter primarily by specifying plugin implementations in each application that use web services provided by the other application. There are additional configuration files and classes involved in the setup as well.

The integration enables PolicyCenter and BillingCenter to exchange information about accounts, policies, producers, producer codes, and billing. Accounts and policy periods are shared between BillingCenter and PolicyCenter. BillingCenter sends delinquency notices to PolicyCenter.

When PolicyCenter starts, it sends `Producer`, `ProducerCode`, `Account`, and `Policy` entity instances to BillingCenter. Therefore, you must start BillingCenter before PolicyCenter.

For an overview of PolicyCenter integration with BillingCenter, see "Policy Administration System Integration" on page 399 in the *Application Guide*. See also the "Billing System Integration" topic of the PolicyCenter Integration Guide, which is in the separate PolicyCenter documentation set.

This topic includes:

- "BillingCenter Files and Classes for Integration with PolicyCenter" on page 16
- "PolicyCenter Files and Classes for Integration with BillingCenter" on page 16

BillingCenter Files and Classes for Integration with PolicyCenter

This topic lists the files and classes provided by BillingCenter for configuring basic PolicyCenter integration. For integration instructions, see "Enabling Integration between BillingCenter and PolicyCenter" on page 86 in the *Installation Guide*.

- `suite-config.xml` – An XML configuration file that you edit to indicate which Guidewire applications are installed and available for integration.
- `IPolicySystemPlugin.gwp` – The registry for the BillingCenter plugin class that implements PolicyCenter integration. In the base configuration, a demo plugin is registered that does not work with PolicyCenter.
- For integration with PolicyCenter 8.0.1 and later:
  - `gw.plugin.pas.pc800.PCPolicySystemPlugin` – You register this plugin class for integration with PolicyCenter 8.0.1 and later. This class implements the `IPolicySystemPlugin` Gosu interface and calls PolicyCenter web services retrieved in the web collection `pc800.wsc`. You also set the user name and password that BillingCenter uses to connect with PolicyCenter in the registry editor.
  - `pc800.wsc` – The web collection for PolicyCenter 8.0.1 and later web services, the WSDL for use by BillingCenter plugin implementation classes.
- For integration with PolicyCenter 7.0:
  - `gw.plugin.pas.pc700.PCPolicySystemPlugin` – You register this plugin class for integration with PolicyCenter 7.0. This class implements the `IPolicySystemPlugin` Gosu interface and calls PolicyCenter web services retrieved in the web collection `pc700.wsc`. You also set the user name and password that BillingCenter uses to connect with PolicyCenter in the registry editor.
  - `pc700.wsc` – The web collection for PolicyCenter 7.0 web services, the WSDL for use by BillingCenter plugin implementation classes.
- Web services that BillingCenter publishes for use by PolicyCenter plugins:
  - `gw.webservice.policycenter.bc801.BillingAPI`
  - `gw.webservice.policycenter.bc801.BillingSummaryAPI`
  - `gw.webservice.bc.bc801.PaymentInstrumentAPI`
  - `gw.webservice.policycenter.bc700.BillingAPI`
  - `gw.webservice.policycenter.bc700.BillingSummaryAPI`
  - `gw.webservice.bc.bc700.PaymentInstrumentAPI`

PolicyCenter Files and Classes for Integration with BillingCenter

This topic lists the files and classes provided by PolicyCenter for configuring basic BillingCenter integration. For integration instructions, see "Enabling Integration between BillingCenter and PolicyCenter" on page 86 in the *Installation Guide*.

- `suite-config.xml` – An XML configuration file that you edit to indicate which Guidewire applications are installed and available for integration.
- `config.xml` – The main XML configuration file for PolicyCenter. You edit this file to set the URL for BillingCenter.
- `IBillingSystemPlugin.gwp` – The registry for the PolicyCenter plugin class that implements basic BillingCenter integration. In the base configuration, a demo plugin is registered that does not work with BillingCenter.
- `IBillingSummaryPlugin.gwp` – The registry for the PolicyCenter plugin class that implements BillingCenter integration for PolicyCenter billing screens. In the base configuration, a demo plugin is registered that does not work with BillingCenter.

- `wsi.remote.gw.webservice.bc.BCConfigurationProvider` – Defines the user name and password that PolicyCenter uses to connect with BillingCenter.
- For integration with BillingCenter 8.0.1 and later:
  - `gw.plugin.billing.bc800.BCBillingSystemPlugin` – You register this plugin class for integration with BillingCenter 8.0.1 and later. This class implements the `IBillingSystemPlugin` Gosu interface and calls BillingCenter web services retrieved in the web collection `bc800.wsc`.
  - `gw.plugin.billing.bc800.BCBillingSummaryPlugin` – You register this plugin class with BillingCenter 8.0.1 and later to integrate the PolicyCenter billing screens with BillingCenter. This class implements the `IBillingSummaryPlugin` Gosu interface and calls BillingCenter web services retrieved in the web collection `bc800.wsc`.
  - `bc800.wsc` – The web collection for BillingCenter 8.0 web services, the WSDL for use by PolicyCenter plugin implementation classes.
- For integration with BillingCenter 7.0:
  - `gw.plugin.billing.bc700.BCBillingSystemPlugin` – You register this plugin class for integration with BillingCenter 7.0. This class implements the `IBillingSystemPlugin` Gosu interface and calls BillingCenter web services retrieved in the web collection `bc700.wsc`.
  - `gw.plugin.billing.bc700.BCBillingSummaryPlugin` – You register this plugin class with BillingCenter 7.0.0 and later to integrate the PolicyCenter billing screens with BillingCenter. This class implements the `IBillingSummaryPlugin` Gosu interface and calls BillingCenter web services retrieved in the web collection `bc700.wsc`.
  - `bc700.wsc` – The web collection for BillingCenter 7.0 web services, the WSDL for use by BillingCenter plugin implementation classes.
- Web services that PolicyCenter publishes for use by BillingCenter for integration:
  - `gw.webservice.pc.pc800.job.PolicyRenewalAPI`
  - `gw.webservice.pc.pc800.job.CancellationAPI`
  - `gw.webservice.pc.pc700.job.PolicyRenewalAPI`
  - `gw.webservice.pc.pc700.job.CancellationAPI`

Integrating ContactManager with Guidewire Core Applications

ContactManager is the Guidewire address book application that can serve as the system of record for managing clients and external contacts, such as vendors. Integrating ContactManager with Guidewire core applications is covered in the *Guidewire Contact Management Guide* at:

- "Integrating ContactManager with ClaimCenter in QuickStart" on page 46 in the *Contact Management Guide*
- "Integrating ContactManager with PolicyCenter in QuickStart" on page 53 in the *Contact Management Guide*
- "Integrating ContactManager with BillingCenter in QuickStart" on page 60 in the *Contact Management Guide*

Integrating ClaimCenter with BillingCenter

The default implementation of InsuranceSuite provides no integration between BillingCenter and ClaimCenter because the policy information that ClaimCenter requires is all available from PolicyCenter.

For example, when an insured files a claim in ClaimCenter, PolicyCenter has accurate information about which policies are in force. BillingCenter has accurate payment activity on a policy. This payment information is available to PolicyCenter through the integration with BillingCenter. PolicyCenter business logic determines whether a policy is in effect if a premium payment is pending and takes into account duration of grace periods. So, ClaimCenter does not need to integrate with BillingCenter to determine if a policy was in force for the date the claim was made.