



Brighttree Documentation Web Services API

Reference Guide

V0100 - 1210

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Version

This documentation was prepared in conjunction with the latest release of **Brighttree**, but may be utilized with future releases until such time that more current materials are published.

Comments

Any comments or suggestions regarding the information herein are welcome and should be emailed to the attention of:

documentation@brighttree.com

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1. About This Guide

The *Brightree Documentation Web Services API - Reference Guide* provides information regarding the operations, service contracts, and message definitions for creating, accessing, and updating the entities related to documentation such as the Prior Authorization Request (PAR) and the Certificate of Medical Necessity (CMN). The Brightree Documentation Web Services API includes full support for these entities, including the ability to update, log, and renew.

This guide is intended to be a reference point. The WSDL used in your development environment provides the full definition of the web service.

Audience

The audience for this guide is technical personnel with the following expertise:

- IT Development
- Applications Support
- Database Management

Assumptions

This document assumes that you are familiar with the Brightree application, APIs, and standard Web Service technologies based upon Extensible Markup Language (XML) and the Simple Object Access Protocol (SOAP).

Conventions

To help you locate and interpret information in this guide, the following conventions are used:

- *Italic* type is used for the titles of guides and chapters within a guide.
- Quotes (“like this”) are used for the names of topics within a section.
- The review bar (|) displays in the margins of this guide to indicate changes from the previous version.

Example: See “Flow Diagram” in *Chapter 1, Introduction*, in the *ABC User Guide*.

WSDL Address

The Documentation Web Services API address for the Stage(User Acceptance Test) is:
<https://wstest.brightree.net/V0100-1210/DocumentationService/DocumentationService.svc>

The Documentation Web Services API address for Production is:
<https://webservices.brightree.net/V0100-1210/DocumentationService/DocumentationService.svc>

Related Documentation

Additional Web Service information can be obtained in the following guides. Please refer to the following guides for more detailed information on specific web services:





- *Brightree Web Services API Getting Started Guide*
- *Brightree Common Web Services API - Reference Guide*
- *Brightree Inventory Web Services API - Reference Guide*
- *Brightree Order Entry Web Services API - Reference Guide*
- *Brightree Patient Web Services API - Reference Guide*
- *Brightree Patient Billing Web Services API - Reference Guide*

The specific Brightree Web Services your organization uses is determined by your Brightree license agreement. During implementation, Brightree will enable use of the licensed Web Services.



2. Using the PAR Service

The Brightree Prior Authorization Request (PAR) entity provides the ability to document the authorization received from the Insurance Payor to provide an Item to a Patient.

The following rules apply when using the PAR Web Service:

- A PAR is directly associated with a Patient. This association cannot be changed.
- A PAR is associated with a specific Patient Payor based on Item Pricing. This association can be changed.
- When Item Pricing defines that a PAR is required, placing the Item on a Sales Order will result in a PAR hold.
- A PAR or additional PAR can be added to a Patient Sales Order even if the Item Pricing does not indicate a PAR is required.
- PAR Purchase Quantity Limits can be defined for one or more Procedure Codes.
- A PAR can be linked to both Sales Order Items and Sales Order Template Items.
- A PAR can be logged. Logging is an action that records the date-time stamp and user that issued the log request.
- PARs can also be renewed, an action which creates a new PAR and links that new PAR to the most current PAR in the chain. Only the last PAR in the chain can be renewed.

The PAR itself only contains a small number of updateable attributes which include the Patient Payor, Branch, PAR Number, Description, and Expiration Date.

Since the PAR entity is associated with several different child entities, a special enumeration is available on each of the PAR fetch commands that gives you program control of the child objects, if any, to return with the PAR.

3. PAR Service Definitions

The PAR Service Definitions section lists the PAR Operations and Service Contracts.

PAR Operations and Service Contracts

PARAddPurchaseLimit

Input Parameters –BrightreeID, PurchaseLimit

Return Object – DataWriteServiceResponse

PARCreateFromPatient

Input Parameters –BrightreeID, PAR as Documentation.PAR

Return Object – DataWriteServiceResponse

PARDelete

Input Parameters –BrightreeID

Return Object – DataDeleteServiceResponse

PARFetchByBrightreeID

Input Parameters –BrightreeID, PARLoadChildrenBitMask

Return Object – DataFetchServiceResponse(Of PAR)

Returns the PAR identified by the Brightree ID.

PARFetchByExternalID

Input Parameters –ExternalID, PARLoadChildrenBitMask

Return Object – DataFetchServiceResponse(Of PAR)

Returns the PARs associated with the external ID. Please note that Brightree does not enforce uniqueness for external ID and this call will return all PAR objects associated with the passed external ID.

PARFetchByPatientBrightreeID

Input Parameters –PatientBrightreeID, PARLoadChildrenBitMask

Return Object – DataFetchServiceResponse(Of PAR)

Returns the PARs associated with the Patient Brightree ID. Note that a single patient can be associated with multiple PAR records and this call will return all PAR objects associated with the passed patient Brightree ID.

PARFetchBySalesOrderBrightreeID

Input Parameters –SaleOrderBrightreeID, PARLoadChildrenBitMask

Return Object – DataFetchServiceResponse(Of PAR)

Returns the PARs associated with the Sales Order Brighttree ID. Note that a single sales order can be associated with multiple PAR records and this call will return all PAR objects associated with the passed sales order Brighttree ID.

PARFetchBySalesOrderTemplateBrighttreeID

Input Parameters –SaleOrderTemplateBrighttreeID, PARLoadChildrenBitMask

Return Object – DataFetchServiceResponse(Of PAR)

Returns the PARs associated with the Sales Order Template Brighttree ID. Note that a single sales order template can be associated with multiple PAR records and this call will return all PAR objects associated with the passed sales order template Brighttree ID.

PARLog

Input Parameters –BrighttreeID

Return Object – DataWriteServiceResponse

PARRenew

Input Parameters –BrighttreeID

Return Object – DataWriteServiceResponse

PARSearch

Input Parameters –searchRequest As Documentation.PARSearchRequest

sortRequest As Collections.Generic.List

pageSize as Int32

Page As Int32

Return Object – DataSearchServiceResponse

PARUpdate

Input Parameters –Brighttree, PAR

Return Object – DataWriteServiceResponse

PARUpdatePurchaseLimit

Input Parameters –PARBrighttreeID, PurchaseLimitBrighttreeID, PurchaseLimit

Return Object – DataWriteServiceResponse

SalesOrderItemLinkToPAR

Input Parameters –SalesOrderBrighttreeDetailID, PARBrighttreeID, AdditionalPARType

Return Object – DataWriteServiceResponse

Allows you to link an existing SalesOrder Item to an existing PAR. AdditionalPARType is an enumeration that indicates this is the Original (None), First or Second additional PAR.



SalesOrderItemsLinkToPAR

Input Parameters –SalesOrderBrightreeID, PARBrightreeID, AdditionalPARType

Return Object – DataWriteServiceResponse

Allows you to link all items from an existing SalesOrder to an existing PAR.

AdditionalPARType is an enumeration that indicates this is the Original (None), First or Second additional PAR.

SalesOrderTemplateItemLinkToPAR

Input Parameters –SalesOrderTemplateBrightreeDetailID, PARBrightreeID, AdditionalPARType

Return Object – DataWriteServiceResponse

Allows you to link an existing SalesOrder Template Item to an existing PAR.

AdditionalPARType is an enumeration that indicates this is the Original (None), First or Second additional PAR.

SalesOrderTemplateItemsLinkToPAR

Input Parameters –SalesOrderTemplateBrightreeID, PARBrightreeID, AdditionalPARType

Return Object – DataWriteServiceResponse

Allows you to link all items from an existing SalesOrder Template to an existing PAR.

AdditionalPARType is an enumeration that indicates this is the Original (None), First or Second additional PAR.

SalesOrderItemLinkToNewPAR

Input Parameters –SalesOrderBrightreeDetailID, AdditionalPARType

Return Object – DataWriteServiceResponse

Allows you to link an existing SalesOrder Item to a new PAR. AdditionalPARType is an enumeration that indicates this is the Original (None), First or Second additional PAR.

SalesOrderItemsLinkToNewPAR

Input Parameters –SalesOrderBrightreeID, AdditionalPARType

Return Object – DataWriteServiceResponse

Allows you to link all items from an existing SalesOrder to a new PAR.

AdditionalPARType is an enumeration that indicates this is the Original (None), First or Second additional PAR.

SalesOrderItemUnlinkPAR

Input Parameters –SalesOrderBrightreeDetailID, AdditionalPARType

Return Object – DataWriteServiceResponse



Allows you to unlink an existing SalesOrder Item from any PAR. AdditionalPARType is an enumeration that indicates this is the Original (None), First or Second additional PAR.

SalesOrderItemsUnlinkPAR

Input Parameters –SalesOrderBrightreeID, AdditionalPARType

Return Object – DataWriteServiceResponse

Allows you to unlink all items from an existing SalesOrder from any PAR. AdditionalPARType is an enumeration that indicates this is the Original (None), First or Second additional PAR.

SalesOrderTemplateItemUnlinkPAR

Input Parameters –SalesOrderBrightreeDetailID, AdditionalPARType

Return Object – DataWriteServiceResponse

Allows you to unlink an existing SalesOrder Template Item from any PAR. AdditionalPARType is an enumeration that indicates this is the Original (None), First or Second additional PAR.

SalesOrderTemplateItemsUnlinkPAR

Input Parameters –SalesOrderBrightreeID, AdditionalPARType

Return Object – DataWriteServiceResponse

Allows you to unlink all items from an existing SalesOrder Template from any PAR. AdditionalPARType is an enumeration that indicates this is the Original (None), First or Second additional PAR.

PARUpdate

Input Parameters –BrightreeID, PAR

Return Object – DataWriteServiceResponse

Allows you to update a limited set of fields associated with the main PAR object. See the *PAR Message Definition* section for details on the elements that can be updated.

PARDelete

Input Parameters –BrightreeID

Return Object – DataDeleteServiceResponse

Allows you to delete an existing PAR. After a PAR is associated with any Sales Order or Sales Order Template within the Brightree system, it can no longer be deleted.

PARLog

Input Parameters –BrightreeID

Return Object – DataWriteServiceResponse

Allows you to initiate the Log action on a PAR.



PARRenew

Input Parameters –BrightreeID

Return Object – DataWriteServiceResponse

Allows you to renew an existing PAR. The BrightreeID of the new PAR is returned in the response object.

PARAddPurchaseLimit

Input Parameters –BrightreeID, PARPurchaseQuantityLimitInfo

Return Object – DataWriteServiceResponse

Allows you to add a new PAR Purchase Limit to the existing PAR.

PARUpdatePurchaseLimit

Input Parameters –BrightreeID, PurchaseLimitBrightreeID,
PARPurchaseQuantityLimitInfo

Return Object – DataWriteServiceResponse

Allows you to update an existing PAR Purchase Limit on an existing PAR.

PARSearch

Input Parameters –PARSearchRequest, PARSortParameter(), pageSize, page

Return Object – DataSearchServiceResponse(Of ParSearchResponse)

Allows you to initiate a paged search request against the PARs in the system.



4. PAR Message Definitions

The PAR Message Definitions are listed below.

PAR

Attribute	Type	Notes
BrightreeID	Integer	Read Only
ExternalID	String	
PARGeneralInfo	PARGeneralInfo	
PARHistoryInfo	PARAuditInfo	Read Only
PARPurchaseLimitInfo	Array of PARPurchaseQuantityLimitInfo	
PARItemInfo	Array of PARItemInfo	
PARTemplateItemInfo	Array of PARTemplateItemInfo	
PARTaskInfo()	PARTaskInfo()	
FirstPARID	Integer	Read Only
NextPARID	Integer	Read Only
PreviousPARID	Integer	Read Only

PARGeneralInfo

Attribute	Type	Notes
PatientPayor	BasePayorInfo	
Branch	LookupValue	
PARNumber	String	
PARDescription	String	
PARStatus	PARStatus	Enumeration
PARInitialDate	Date	
PARExpirationDate	Date	
ExcludeFromPARReport	Boolean	
PatientKey	Integer	
PatientName	String	

PARItem

Attribute	Type	Notes
BrightreeID	Integer	Read Only
ItemID	String	
ItemName	String	
Qty	Integer	
BillQty	Integer	

PARItemInfo extends PARItem

Attribute	Type	Notes
ServiceDt	Nullable(of Date)	
PickupUpQty	Integer	
PriceType	PriceType	Enumeration

PARPurchaseQuantityLimitInfo

Attribute	Type	Notes
BrightreeID	Integer	Read Only
ProcedureCode	String	
ApproveQty	Integer	
UsedQty	Integer	Read Only
AdjustedQty	Integer	Read Only
ReturnedQty	Integer	

PARSearchRequest

Attribute	Type	Notes
CreatedBy	Lookup Value	
CreatedDateEnd	DateTime	
CreatedDateStart	DateTime	
ExpirationDateEnd	DateTime	
ExpirationDateStart	DateTime	
InitialDateEnd	DateTime	
InitialDateStart	DateTime	
LoggedBy	Lookup Value	
LoggedDateEnd	DateTime	
LoggedDateStart	DateTime	
PatientBrightreeID	Nullable(Integer)	
PayorBrightreeID	Nullable(Integer)	
SalesOrderBrightreeID	Nullable(Integer)	
SalesOrderTemplateBrightreeID	Nullable(Integer)	

PARSearchResponse

Attribute	Type	Notes
BrightreeID	Integer	
CreatedBy	LookupValue	
CreatedDate	DateTime	
ExpirationDate	Nullable(Integer)	
ExternalID	String	

Attribute	Type	Notes
LoggedBy	LookupValue	
LoggedDate	Nullable(Integer)	
PARStatus	LookupValue	
Patient	LookupValue	
PayorBrighttreeID	Integer	

PARSortParameter

Attribute	Type	Notes
SortField	PARSortField	Is Enum
SortOrder	SortOrder	Is Enum

PARTask

Attribute	Type	Notes
BrighttreeID	Nullable(Integer)	
ExternalID	String	
PARGeneralInfo	PARGeneralInfo	
PARTaskDetailInfo	PARTaskDetailInfo	
PARTaskGeneralInfoernalID	PARTaskGeneralInfo	
PARTaskLockStatusInfo		

PARTaskDetailInfo

Attribute	Type	Notes
Description	String	
Subject	String	

PARTaskGeneralInfo

Attribute	Type	Notes
ActualDate	DateTime	
AssignedTo	Lookup Value	
CompletedDate	DateTime	
CreatedBy	LookupValue	
CreatedDate	DateTime	
DeactivateOnly2	Boolean	
NeededDate	DateTime	
PARTaskReason	UserTaskReason	
PARTaskSeverity	UserTaskSeverity	Is Enum
PARTaskState	UserTaskState	Is Enum
PARTaskStatus	UserTaskStatus	Is Enum

Attribute	Type	Notes
TaskID	Integer	
User1	String	
User2	String	

PARTaskInfo

Attribute	Type	Notes
TaskID	Integer	Read Only
CreatedDate	Date	Read Only
NeededDate	Nullable(of Date)	
PARTaskReason	UserTaskReason	
PARTaskStatus	UserTaskStatus	Enumerations
PARTaskSeverity	UserTaskSeverity	Enumerations

PARTaskLockStatusInfo

Attribute	Type	Notes
LockedBy	LookupValue	
LockedDate	DateTime	

PARTaskNoteInfo

Attribute	Type	Notes
ActualDate	DateTime	
CreatedBy	LookupValue	
CreatedDate	DateTime	
Note	String	

PARTaskSearchResponse

Attribute	Type	Notes
ActualDate	DateTime	
BrighttreeID	Nullable(Integer)	
CreatedDate	DateTime	
ExternalID	String	
NeededDate	DateTime	
PARTaskReason	LookupValue	
PARTaskStatus	LookupValue	
Subject	String	

PARTaskSearchRequest

Attribute	Type	Notes
AssignedTo	LookupValue	
Branch	LookupValue	
BrighttreeID	Nullable(Of Int32)	
CreatedBy	LookupValue	
ExternalID	String	
PARExpirationDateTimeEnd	DateTime	
PARExpirationDateTimeStart	DateTime	
PARInitialDateTimeEnd	DateTime	
PARInitialDateTimeStart	DateTime	
PARStatus	LookupValue	
PARTaskActualDateTimeEnd	DateTime	
PARTaskActualDateTimeStart	DateTime	
PARTaskCompletedDateTimeEnd	DateTime	
PARTaskCompletedDateTimeStart	DateTime	
PARTaskCreatedDateTimeEnd	DateTime	
PARTaskCreatedDateTimeStart	DateTime	
PARTaskInactiveNotesOnly	Boolean	
PARTaskNeededDateTimeEnd	DateTime	
PARTaskNeededDateTimeStart	DateTime	
PARTaskReason	LookupValue	
PARTaskSeverity	LookupValue	
PARTaskStatus	LookupValue	
Payor	LookupValue	
PayorCompany	LookupValue	
PayorGroup	LookupValue	
PayorPlanType	LookupValue	
Subject	String	
TaskID	Int32	
User1	String	
User2	String	

PARLoadChildrenBitFlags (Enumeration)

Name	Value
LoadNone	0
LoadQTYLimits	1
LoadItems	2
LoadQTYLimitsAndItems	3
LoadTemplateItems	4
LoadQTYLimitsAndTemplateItems	5
LoadItemsAndTemplateItems	6
LoadQtyLimitsAndItemsTemplateItems	7
LoadTasks	8
LoadQtyLimitsAndTasks	9
LoadItemsAndTasks	10
LoadQtyLimitsAndItemsAndTasks	11
LoadTemplateItemsAndTasks	12
LoadQtyLimitsAndTemplateItemsAndTask	13
LoadItemsAndTemplateItemsAndTask	14
LoadAll	15

PARSortField (enum)

Name	Value	Notes
BrightreeID	0	
ExternalID	1	
PARStatus	2	
ExpirationDate	3	

RemoteDocumentCustomProperty

Name	Value	Notes
CustomPropertyName	String	
CustomPropertyValue	String	

RemoteDocumentIndexValues

Name	Value	Notes
DocumentType	String	
Drawer	String	
Field3	String	
Field4	String	
Field5	String	



Name	Value	Notes
Folder	String	
RemoteDocumentCustomPrperty	RemoteDopcumentCustomProperty	
Tab	String	

5. Using the CMN Service

The Brightree Certificate of Medical Necessity (CMN) entity provides the ability to document the authorization received from the Physician to provide an Item to a Patient by Medicare. Additional CMN Forms can also be created to capture information for other insurance payors.

The following rules apply when using the CMN Web Service:

- A CMN is directly associated with a Patient. This association cannot be changed.
- The Brightree system will automatically create a CMN and associate it with a Sales Order whenever an Item is added to a Sales Order that requires a CMN
- Clients can also create a new CMN associated with a Patient prior to the creation of a Sales Order

6. CMN Service Definitions

The CMN Service Definitions section lists the CMN Operations and Service Contracts.

CMN Operations and Service Contracts

CMNCreateFromPatient

Input Parameters –PatientBrightreeID, CMNFormBrightreeID

Return Object – DataWriteServiceResponse

CMNCreateFromPatient

Input Parameters – PatientBrightreeID, CMNFormBrightreeID

Return Object – DataWriteServiceResponse

Allows you to create a new CMN, of a specific type, associated with a Patient.

CMNFetchByBrightreeID

Input Parameters –BrightreeID, CMNLoadChildrenBitMask

Return Object – DataFetchServiceResponse(Of CMN)

Returns the CMN identified by the Brightree ID.

CMNFetchByExternalID

Input Parameters –ExternalID, CMNLoadChildrenBitMask

Return Object – DataFetchServiceResponse(Of CMN)

Returns the CMN identified by the External ID.

CMNFetchByPatientBrightreeID

Input Parameters –PatientBrightreeID, CMNLoadChildrenBitMask

Return Object – DataFetchServiceResponse(Of CMN)

Returns the CMN identified by the Patient Brightree ID. Note that the Patient Brightree ID and the Patient ID are not the same field. Please take care when accessing via the Patient Brightree ID to ensure that you have the correct value.

CMNFetchBySalesOrderBrightreeID

Input Parameters –SalesOrderBrightreeID, CMNLoadChildrenBitMask

Return Object – DataFetchServiceResponse(Of CMN)

Returns the CMN identified by the Sales Order Brightree ID.

CMNLog

Input Parameters –BrightreeID

Return Object – DataWriteServiceResponse

Initiates the Log action on a CMN.

CMNQuestionAnswerConfiguration

Input Parameters –CMNFormBrightreeID

Return Object – DataFetchServiceResponse(Of CMNQuestionAnswerConfiguration)

Allows you to fetch the Question and Answer configuration information for an existing CMN Form.

CMNRenew

Input Parameters –BrightreeID

Return Object – DataWriteServiceResponse

Allows you to renew an existing CMN. The BrightreeID of the new CMN is returned in the response.

CMNRevise

Input Parameters –BrightreeID

Return Object – DataWriteServiceResponse

Allows you to revise an existing CMN. The BrightreeID of the new CMN is returned in the response.

CMNSearch

Input Parameters –CMNSearchRequest, CMNSortParameter(), pageSize, page

Return Object – DataSearchServiceResponse(Of CMNSearchResponse)

Allows you to Search the Brightree database for CMNs that match specific search criteria. As with all search operations in the API, search criteria are always combined into a single query with all criteria joined via AND.

CMNUpdate

Input Parameters –BrightreeID, CMN

Return Object – DataWriteServiceResponse

Allows you to update specific fields on the CMN. This includes the ability to provide answers to questions within Section B of the CMN. Note as with any Brightree update operation, the user should first Fetch the CMN and apply any needed updates to the returned CMN passing that into the Update call.

SalesOrderItemLinkCMN

Input Parameters –SalesOrderItemBrightreeID, CMNBrightreeID, AdditionalCMN, CMNFormBrightreeID

Return Object – DataWriteServiceResponse

Allows you to link an existing SalesOrder Item to an existing CMN.

SalesOrderItemsLinkCMN

Input Parameters –SalesOrderBrightreeID, CMNBrightreeID, AdditionalCMN, CMNFormBrightreeID

Return Object – DataWriteServiceResponse

Allows you to link all items from an existing SalesOrder to an existing CMN.

SalesOrderItemLinkNewCMN

Input Parameters –SalesOrderItemBrightreeID, AdditionalCMN, CMNFormBrightreeID

Return Object – DataWriteServiceResponse

Allows you to link an existing SalesOrder Item to a new CMN.

SalesOrderItemsLinkNewCMN

Input Parameters –SalesOrderBrightreeID, AdditionalCMN, CMNFormBrightreeID

Return Object – DataWriteServiceResponse

Allows you to link all items from an existing SalesOrder to a new CMN.

SalesOrderItemUnlinkCMN

Input Parameters –SalesOrderItemBrightreeID, AdditionalCMN

Return Object – DataWriteServiceResponse

Allows you to unlink an existing SalesOrder Item from a CMN.

SalesOrderItemsUnlinkCMN

Input Parameters –SalesOrderBrightreeID, AdditionalCMN

Return Object – DataWriteServiceResponse

Allows you to unlink all items from an existing SalesOrder from a CMN.

7. CMN Message Definitions

The CMN Message Definitions are listed below.

AuditInfo

Attribute	Type	Notes
ConfirmedBy	LookupValue	
ConfirmedDate	DateTime	
CreatedBy	LookupValue	
CreatedDate	DateTime	

CMN

Attribute	Type	Notes
BrightreeID	Integer	Read Only
ExternalID	String	
CMNGeneralInfo	CMNGeneralInfo	
CMNExtendedInfo	CMNExtendedInfo	
CMNSectionAInfo	CMNSectionAInfo	
CMNSectionBInfo	CMNSectionBInfo	
CMNSectionDInfo	CMNSectionDInfo	
CMNTaskInfo	Array of CMNTask	

CMNDetail

Attribute	Type	Notes
Qty	Integer	
ProcCode	String	
ItemId	String	
ItemName	String	
ChargeAmt	Decimal	
AllowAmt	Decimal	
Narrative	String	
CMNQty	Integer	
UsedQty	Integer	
RemainingQty	Integer	
NewSOQty	Integer	

CMNExtendedInfo

Attribute	Type	Notes
CMNStatus	CMNStatus	Enumeration

Attribute	Type	Notes
Type	LookupValue	
FaxedDate	Nullable(Of Date)	
FaxedBy	LookupValue	
FaxStatus	FaxStatus	Enumeration
FaxStatReason	String	
PrintCMN	Boolean	
FaxCMN	Boolean	
IncludeCMNCoverLetter	Boolean	
IncludeFaxCoverSheet	Boolean	

CMNFormAnswerConfig

Attribute	Type	Notes
AnswerType	String	
AnswerSequence	Integer	
Label	String	
Suffix	String	
Minimum Value	Nullable(Of Decimal)	
Maximum Value	Nullable(Of Decimal)	
Length	Nullable(Of Integer)	
AnswerOptionValues	Array of String	

CMNGeneralInfo

Attribute	Type	Notes
ExpirationDate	Nullable(Of Date)	
Branch	LookupValue	
LoggedDate	Nullable(Of Date)	Read Only
LoggedBy	LookupValue	Read Only
ApprovedDate	Nullable(Of Date)	Read Only
ApprovedBy	LookupValue	Read Only
PrintedDate	Nullable(Of Date)	Read Only
PrintedBy	LookupValue	Read Only
ExcludeFromCMNReport	Boolean	
PlaceholderCMN	Boolean	
AutoRenewal	Boolean	
ReviewAutoRenewal	Boolean	

CMNItem

Attribute	Type	Notes
BrightreeID	Integer	ReadOnly
ItemID	String	ReadOnly
Name	String	ReadOnly
OrderStatus	Integer	ReadOnly

CMNQuestionAnswer

Attribute	Type	Notes
QuestionComment	String	
QuestionKey	Integer	
QuestionText	String	
Answer	Dictionary(Of Integer, String)	

CMNQuestionAnswerConfiguration

Attribute	Type	Notes
QuestionSequenceNumber	Integer	
QuestionKey	Integer	
QuestionText	String	
QuestionDisplayMode	String	
AnswerConfig	Array of CMNFormAnswerConfig	

CMNSearchRequest

Attribute	Type	Notes
CMNForm	LookupValue	
InitialDateStart	Date	
InitialDateEnd	Date	
RevisedDateStart	Date	
RevisedDateEnd	Date	
RecertificationDateStart	Date	
RecertificationDateEnd	Date	
PatientBrightreeID	Integer	
DoctorBrightreeID	Integer	
PayorBrightreeID	Integer	
CMNType	LookupValue	
LoggedBy	LookupValue	
PrintedBy	LookupValue	
FaxedBy	LookupValue	
PrintedDateStart	Date	

Attribute	Type	Notes
PrintedDateEnd	Date	
ExpirationDateStart	Date	
ExpirationDateEnd	Date	
FaxedDateStart	Date	
FaxedDateEnd	Date	
LastPrintFaxedDateStart	Date	
LastPrintFaxedDateEnd	Date	
LastPrintFaxedBy	LookupValue	
Branch	LookupValue	
BranchGroup	LookupValue	
CMNStatus	LookupValue	
IsAutoRenewal	Boolean	
ExternalID	String	
FaxStatus	LookupValue	
FaxReason	LookupValue	

CMNSearchResponse

Attribute	Type	Notes
BrighttreeID	Integer	
CMNForm	LookupValue	
InitialDate	Nullable(Of Date)	
RevisedDate	Nullable(Of Date)	
RecertificationDate	Nullable(Of Date)	
PatientFullName	String	
DoctorFullName	String	

CMNSectionInfo

Attribute	Type	Notes
RevisedDateTime	Nullable(Of Date)	
RecertificationDateTime	Nullable(Of Date)	
Patient	LookupValue	
Doctor	LookupValue	
PolicyInfo	BasePayorInfo	
PlaceOfService	LookupValue	
Facility	LookupValue	
ManualFacilityAddress	Address	
DiagnosisCode1	ICD9Info	
DiagnosisCode2	ICD9Info	

Attribute	Type	Notes
DiagnosisCode3	ICD9Info	
DiagnosisCode4	ICD9Info	

CMNSectionBInfo

Attribute	Type	Notes
LengthOfNeed	Nullable(Of Integer)	
Name	String	
Title	String	
Employer	String	
CMNQuestionAnswer	CMNQuestionAnswer()	Array of Questions and Answers
CMNDetail	CMNDetail()	Array of Details

CMNSectionDInfo

Attribute	Type	Notes
PhysicianDate	Nullable(Of Date)	
CMNBillableItem	CMNBillableItem()	Array of Billable Items
CMNTemplateItem	CMNTemplateItem()	Array of Template Items

CMNSortField (enum)

This table only displays the sort fields.

Name	Value
BrighttreeID	0
CMNForm	1
InitialDate	2
RevisedDate	3
RecertificationDate	4
PatientFullName	5
DoctorFullName	6

CMNSortParameter

Attribute	Type	Notes
SortField	CMNSortField	Is Enum
SortOrder	SortOrder	Is Enum

CMNTask

Attribute	Type	Notes
BrighttreeID	Integer	Read Only

Attribute	Type	Notes
CreatedDate	Nullable(Of Date)	
CreatedBy	Lookup Value	
AssignedTo	Lookup Value	
Needed Date	Nullable(Of Date)	
Completed Date	Nullable(Of Date)	
Actual Date	Nullable(Of Date)	
Status	UserTaskStatus	Enumeration
Reason	UserTaskReason	
Severity	UserTaskSeverity	Enumeration
Subject	String	
Description	String	
LockDate	Nullable(Of Date)	
LockedBy	Lookup Value	
State	UserTaskState	
Inactive	Boolean	
UserDefined1	String	
UserDefined2	String	
Notes	Array of CMNTaskNote	

CMNTaskNote

Attribute	Type	Notes
CreatedDate	Nullable(Of Date)	Read Only
CreatedBy	Lookup Value	Read Only
Actual Date	Nullable(Of Date)	
Note	String	

CustomPropertyDetail

Attribute	Type	Notes
PropertyName	String	
PropertyValue	String	

DocumentDetail

Attribute	Type	Notes
CreatedBy	String	
CreatedDate	String	
CustomProperties	CustomPropertyDetail	
DocumentType	String	
Field3	String	



Attribute	Type	Notes
Field4	String	
Field5	String	
Folder	String	
ModifiedBy	String	
ModifyDate	String	
Tab	String	