



Verde ERD Description

October 2009

Copyright

CONFIDENTIAL INFORMATION

The information herein is the property of Ex Libris Ltd. or its affiliates and any misuse or abuse will result in economic loss. DO NOT COPY UNLESS YOU HAVE BEEN GIVEN SPECIFIC WRITTEN AUTHORIZATION FROM EX LIBRIS LTD.

This document is provided for limited and restricted purposes in accordance with a binding contract with Ex Libris Ltd. or an affiliate. The information herein includes trade secrets and is confidential.

DISCLAIMER

The information in this document will be subject to periodic change and updating. Please confirm that you have the most current documentation. There are no warranties of any kind, express or implied, provided in this documentation, other than those expressly agreed upon in the applicable Ex Libris contract.

Any references in this document to non-Ex Libris Web sites are provided for convenience only and do not in any manner serve as an endorsement of those Web sites. The materials at those Web sites are not part of the materials for this Ex Libris product and Ex Libris has no liability for materials on those Web sites.

Important: This document is provided for the use of customers who have requisite knowledge in SQL in an Oracle environment. These customers can use the ERD provided in this document in order to write and generate their own reports.

Ex Libris does not provide support for querying and/or generating reports from the database.

To access the database, use the dedicated, read-only *verde_ro* user and *verde_ro* password.

Copyright Ex Libris Limited, 2009. All rights reserved.
Document first released: October 2009

Web address: <http://www.exlibrisgroup.com>

Table of Contents

Introduction	4
Purpose of this Document	4
ERD Schema.....	4
Querying the Verde database	5

Verde Architecture	5
Verde KB.....	5
Verde Instances.....	6

e-Resources	7
Work Records.....	7
Workexpression	9
e-Products.....	10
Eproduct.....	12
Holdings.....	21
<i>Coverage</i>	21
<i>Localembargo</i>	23
<i>Eproductlibrary</i>	24
<i>Libraryprange</i>	25

Configuration Tables	27
Systemsetting.....	27

License Records	29
Licenselink.....	30
License	30

Querying the Verde database

Verde allows users to query its database by logging-in to Oracle with the read only user verde_ro/verde_ro.

Because all Verde data is managed by user verde/verde, querying the data with user verde_ro requires a more explicit query format. For example, to get all the information from an e-product with the eproductcode: 'CEP_X' that belongs to an instance with the code: 'INST_Y', use the query: `SELECT * from verde.eproduct where eproductcode='CEP_x' and instancecode='INST_Y'`.

To login as verde_ro via sqlplus, type `sqlplus verde_ro/verde_ro` at the command line prompt.

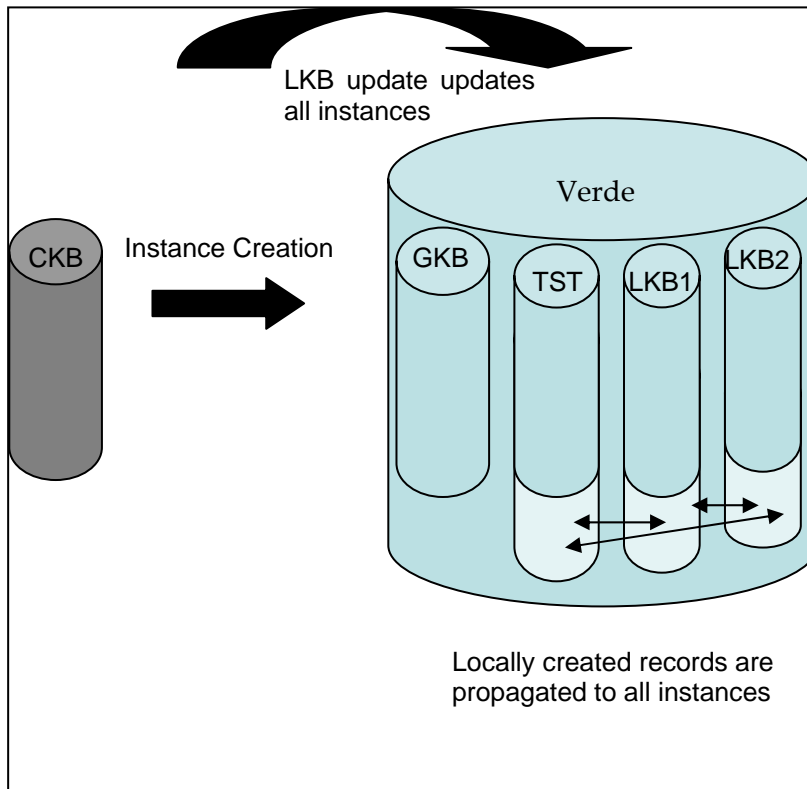
Verde Architecture

Verde KB

The Verde software package includes the Ex Libris KnowledgeBase of electronic resources as well as the system itself; this KnowledgeBase, often referred to as the CKB, is maintained by Ex Libris and shared by SFX and Verde¹. The CKB, or Central KnowledgeBase, is the version of the knowledgebase that is maintained centrally by ExLibris; it is updated on an ongoing basis and monthly revisions are issued to Verde and SFX customers. The GKB, or Global KnowledgeBase, is the copy of the CKB that resides with the customer. Every Verde installation includes a GKB; the GKB can only be updated by the KB update process which applies the monthly KnowledgeBase revisions. Customers cannot update the GKB database manually.

The Verde Central and Global KnowledgeBases contain the following entities or record types including four types of e-products: e-constituent, e-package, e-standalone, and e-interface, as well as work records and coverage records.

¹ Verde and SFX each have their own KnowledgeBase, the KnowledgeBases are similar in that they contain the same sets of packages of electronic journals and electronic books, but there are also key differences between them. Differences include the record structure and record content.



Verde Instances

Instances are the building blocks of Verde installations. Any Verde installation has at least three instances; the GKB, the Test instance (TST), and at least one local instance (LKB). If the Verde installation is a Verde consortium, then there will be more than one local instance, one for each member of the consortium. If the Verde installation is a shared consortium, then one of the local instances will be a central instance. These instances all share the same Oracle database, server configuration files, and directory structure. While most tasks and processes are run per-instance, certain maintenance activities like backup and recovery are performed for all instances at once.

If a Verde installation has three instances, then it will have three copies of each e-product that is part of the KnowledgeBase. When a Verde instance is created, it is assigned a unique instance code. This code is included in all Verde tables and identifies the instance to which the record belongs. Certain records, like e-product, work, and coverage records, exist once for each instance in the database. All versions of the records share the same code but have a unique instance code that identifies the instance to which the record belongs. In consortia, when users catalog new records in their LKB, the records are automatically propagated to all instances in their installation except the GKB. Records that are propagated from one local instance to another share an e-product code the same way that records in the CKB/GKB do. The common e-product code allows users to easily navigate between e-products in different instances. The field `sourceinstancecode` records the

instance code of the instance in which the record, either e-product or work, originated. If the e-product or work record is part of the CKB, then the sourceinstancecode will be CKB. If the e-product or work record was added locally, the sourceinstancecode will be the instance code of the instance in which the record was first created. Only users in the source instance can update global fields of a record.

e-Resources

The description of the “e-resource” is potentially spread across multiple tables:

- e-product
- work
- coverage
- local embargo
- eproductlibrary

and across multiple levels:

- e-interface, e-package, e-constituent
- e-interface, e-standalone

Work Records

The bibliographic metadata associated with an e-product is stored in the Oracle table `workexpression` and displays online in the record named “work”. All e-products must have a related work or `workexpression` record. The type of work, which is stored in the e-product type field, effects to what type of e-product the work can be linked:

- e-Products of type “Package” can only link to work records that have an e-product type “Verde Package”
- e-products of type “Interface” can only link to work records that have an e-product type “Verde Interface”
- e-products of type “Constituent” and “Standalone” can link to work records that have any e-product type except “Verde interface” or “Verde package”.

Typically, a work with an e-product type of “Package” will only be linked to one e-product; a work with an e-product type of “Verde Interface” will only link to one e-product, and all other works will link to multiple e-products. The link between the e-product and its work is in the `g_workexpressioncode` field of the `eproduct` table. This field stores the `workexpcode` from the `workexpression` record.

Like e-product records, each Verde instance has its own copy of a `workexpression` record, so if there are three instances there will be three copies of the `workexpression` record. All copies share the same `workexpression` code but have different IDs and different instance codes, as shown below.

ID	Instancecode	Workexpcode	Sourceinstancecode
4604215	CKB	CWE_1123327109570_57811	CKB
26892943	TST	CWE_1123327109570_57811	CKB
28983898	INST1	CWE_1123327109570_57811	CKB

The global fields of these three work records will be identical and can only be edited in the instance which created the work record, that is, the source instance. However, each instance can add local information to the local fields (MARC fields 900-909). In general, all fields except the local fields (900-909) are global. For more information about global and local fields see the *Verde Staff User Guide*.

There are two types of data that is stored in the work record, bibliographic data that is stored in MARCXML format and management data that is stored in structured fields in the Oracle table named `workexpression`. The Oracle table has sixteen fields; one of them is defined as a CLOB and contains the full MARCXML record. The following MARCXML fields have been defined in the UI for display and input. These are the only fields that can be included in the Verde MARCXML record; any other fields will not be loaded and cannot be added online.

020	780
022	785
010	776
030	260

090	310
099	546
245	690
249	520
210	900-909.

The following snippet shows an example for MARCXML. You can see that values are surrounded with CDATA blocks. This is to guarantee that XML parsers will have no difficulties with parsing it.

```
<file>
  <record>
    <datafield tag='022' ind1='' ind2=''>
      <subfield code='a'><![CDATA[0009-0581]]></subfield>
    </datafield>
    <datafield tag='090' ind1='' ind2=''>
      <subfield code='a'><![CDATA[954927528811]]></subfield>
    </datafield>
    <datafield tag='245' ind1='' ind2='0'>
      <subfield code='a'><![CDATA[Ceskoslovenská neurologie]]></subfield>
    </datafield>
    <datafield tag='260' ind1='' ind2='0'>
      <subfield code='a'><![CDATA[Praha]]></subfield>
      <subfield code='b'><![CDATA[Avicenum]]></subfield>
    </datafield><datafield tag='655' ind1='' ind2=''>
      <subfield code='a'><![CDATA[JOURNAL]]></subfield>
    </datafield>
  </record>
</file>
```

Workexpression

Field Name	Display Name	Type	Size	Use
ID		UID	19	The unique identifier of the workexpression.
INSTANCECODE		Pointer	30	The organization code of the instance to which the workexpression record belongs.

Field Name	Display Name	Type	Size	Use
WORKEXP CODE	Work code	Pointer	30	This field contains the work expression identifier. This identifier is shared by all copies of the workexpression record. Related e-products contain this code in a field called G_WORKEXPRESSIONCODE.
MARXML	Displays in the section called field details	CLOB		This field stores the MARC record in MARXML format.
SOURCEINSTANCECODE		Pointer	20	The organization code of the instance in which the record was first created. If the record is part of the CKB, then the sourceinstance code will be CKB.
CREATEDBY	Created by	Pointer	19	This is the ID of the Staff member that updated the record in Verde.
CREATEDDATE		Date	8	This is the date on which the record was first created.
UPDATEDBY		Pointer	19	This is the ID of the staff member that updated the record in Verde.
UPDATEDATE		Date	8	This is the date on which the record was first created.

e-Products

The four types of e-products: e-interfaces, e-packages, e-standalones, and e-constituents - all share the same Oracle table, named "eproduct". The type field in eproduct describes what e-product type it is and it controls the type of links that the e-product will have as shown below:

- Constituents link to Packages
- Packages link to Interfaces
- Standalones link to Interfaces

The link itself is always from the lower level record to the higher level record and is stored in the field er_upcode. The er_upcode field stores the eproductcode of the parent record.

e-Products can inherit both data and attributes from parent records.

Inheriting data - Only specific fields in e-interface and e-package records can be inherited by “children” records. The fields that can be inherited are:

- Update Target – Constituent inherits from the package. No possibility for override by constituent.
- Library settings – Constituent inherits from package. Can override value by entering data directly on the constituent.
- Consortial purchase – Constituent from package. Can override by entering data directly on the constituent.
- Availability, status, and from and to dates – Constituent inherits from package or interface. Constituent cannot override. Standalone inherits from interface. Can override by entering data directly on the standalone.

When data is inherited, it resides in the parent record only, but functionally the value in the parent record applies to both the parent and child(ren). Because all e-products share the same Oracle table, inherited fields exist in the child record but are empty. The only exception to this rule is the library settings. In the case of library settings which can be inherited or overridden, if the e-constituent does not have a linked eproductlibrary record, it inherits from its package. If the e-constituent does have a related eproductlibrary record, then its record overrides the package record.

The sourceinstancecode of the e-product and work record will indicate if the record is part of the CKB or locally created. If the sourceinstancecode is anything but CKB, the record is not part of the CKB. If the e-product is part of the CKB, users can add local information to it but they cannot update any of the “global” fields. These fields include bibliographic data on the work record like Title, unique identifiers, SFX object ID, as well as e-product data like package name, interface name, SFX object portfolio internal ID, jkey, and coverage. A full list of global fields can be found in the *Verde Staff User Guide* in section 2.6.7.

Eproduct

Field Name	Display Name	Type	Size	Use
ID		UID	19	The unique identifier of the e-product.
EPRODUCTTYPE		CODE	10	The type of e-product type. Possible values are: 'e-interface', 'e-package' 'e-standalone' and 'e-constituent'. This field is mandatory and it cannot be updated manually.
INSTANCECODE		Pointer	30	The organization code of the instance to which this record belongs.
SOURCEINSTANCECODE		Pointer	30	The organization code of the instance that created this record. If the record is part of the CKB, then the sourceinstancecode will be CKB.

Field Name	Display Name	Type	Size	Use
EPRODUCTCODE	e-Product code	ID	30	System assigned code. The e-product code is shared by e-products across multiple instances and can be used to link to Verde from other instances or from other systems. If the eproduct is part of the CKB, then the eproductcode will start with a "C". If the e-product is locally created, then the eproductcode will start with an "L".
G_WORKEXPRESSIONCODE		Pointer	30	A pointer to the work record. Contains the "WORKEXPCODE" of the related work record.
G_SFXID	SFX ID	Pointer	20	Internal ID of the related SFX record, either an object portfolio or a target service. For e-products that are part of the CKB, the value is set and cannot be updated manually. For records that are created locally and pushed to SFX, this field contains the number that SFX returns.

Field Name	Display Name	Type	Size	Use
G_UPDATETARGET	Update Target	Code	20	This field identifies which system or systems should be alerted when the e-product is updated. Currently SFX is the only functional choice. If the update target is SFX, then Verde synchronizes the two systems by sending SFX updates when specific fields in the e-product are updated. For more information, see the <i>Verde Staff User Guide</i> .
G_PROCUREMENTSTATUS	Selection status	CODE	30	Status of the e-product in the selection/review process. Possible values are Evaluation (EVALUATION), Review (REVIEW), Approved (APPROVED), Final Approved (PA_APPROVED), Rejected (REJECTED), Withdrawn by Publisher (REMOVED).
G_PROCUREMENTSTATUSUPDATEDATE	Selection status last update	DATE	8	This is the date of most recent update to the selection status.

Field Name	Display Name	Type	Size	Use
G_EPRODUCTSTATUS	e-Product status	CODE	30	Implementation status of the e-product. Possible values are: Trial (TRIAL), Implementation 1 (IMPL_1), Implementation 2 (IMPL_2), Implementation 3 (IMPL_3), Production (PROD), Withdrawn (WITHDRAWN).
G_EPRODUCTSTATUSUPDATEDATE	e-Product status last update	DATE	8	This is the date of most recent e-product status update.
ACTIVATIONFROMDATE	Activation from date	DATE	8	This is the date from which the e-product is active. If the eproductstatus field is filled in this field becomes mandatory.
ACTIVATIONTODATE	Expiration date	DATE	8	This is the date until which the e-product will be active. On this date, the eproductstatus is updated to Withdrawn.
COM_ACTIVITYSTATUS	Availability	CODE	10	Availability status - default for an active e-product is 'Up' (UP). If the e-product is unavailable, then set it to 'Down' (DOWN).

Field Name	Display Name	Type	Size	Use
COM_ACTIVITYSTATUSNOTE	Availability note	TEXT	2048	Note to accompany availability status.
G_ACTIVITYSTATUSDATEFROM	From	DATE	8	Start of the period when the e-product will be unavailable. Can only be filled in when the activitystatus is No.
G_ACTIVITYSTATUSDATETO	To	DATE	8	End of the period when the e-product will be unavailable.
G_PRIVATENOTE	Internal note	TEXT	2048	This note displays to Verde staff only.
CONCURRENTNUMBEROFUSERS	Concurrent Number of Users	Number	4	Displays on e-package, e-interface, and e-standalone records only. Concurrent number of users for this eproduct.
MAINCONTACT	Library contact	Pointer	255	Contains the "ORGCONTACTCODE" from the "ORGANIZATIONCONTACT" table. Displays the name of the Library contact.
SPONSERINGLIBRARY	Sponsoring Library	Pointer	30	Contains the "ORGANIZATIONCODE" of the library responsible for the e-product.

Field Name	Display Name	Type	Size	Use
COM_PUBLICNOTE	Public note	TEXT	2048	Note for external applications like the OPAC, A-Z lists, and SFX. Currently not functional.
ER_UPCODE	Belongs to Interface / Package	Pointer	30	Link to higher level e-product record. Contains the eproductcode of the parent record.
ER_FREEORSUBSCRIPTION	Free	CODE	30	Is the resource available free of charge. Default values are: 'Free' (FREE), 'Subscription' (SUBSCRIPTION).
ER_CROSSREFENABLED	Cross-ref enabled	Number	1	The checkbox can be checked when the SFX customer is a CrossRef library affiliate member and linking to article level is available via CrossRef. 1 means active and 0 means inactive.
PA_PACKAGETYPE	e-Package type	CODE	20	Type of e-package, possible values are: selective (SELECTIVE) or aggregator (AGGREGATOR). For e-packages that are part of the CKB is set and cannot be updated locally.

Field Name	Display Name	Type	Size	Use
PA_SELECTIVEMODECODE	Selective e-Package Type	CODE	30	For selective e-packages only. Possible values are: Complete (COMPLETE) and Partial (PARTIAL). Are you purchasing the entire e-package?
PA_SFXID2	Do not display	Pointer	20	Contains the internal ID of the SFX target that to which this e-product is linked. Relevant to packages only.
S_C_JKEY	JKEY	TEXT	255	Relevant to e-constituents and e-standalones only. Used for linking. Global field can not be updated.
S_C_TITLEKEY	Title key	TEXT	20	Relevant to e-constituent and e-standalone only. Locally defined abbreviated title that can be added to the URL for direct linking.
GLOBALEMBARGONUMBEROFMONTHS	Embargo number of months	Number	10	Relevant to e-constituent and e-standalone only. Number of months that are embargoed. This field cannot be updated by the user; however, users can edit the local embargo field.

Field Name	Display Name	Type	Size	Use
GLOBALEMBARGOOPERATOR	Embargo operator	TEXT	1	Type of embargo - from X months or up to X months. Values are + or - This field cannot be updated; however, users can edit the local embargo field.
I_ORGANIZATIONCODE	Interface provider	Pointer	255	Relevant to e-interface. Point to "ORGANIZATIONCODE" field in the "ORGANIZATION" table. Organization responsible for the interface.
COVERAGETEXT	Coverage	TEXT	255	System generated textual holdings that displays in the e-product summary tab, in the summary above the e-product, on the result screen, and on the package list. The contents of the coverage text is constructed from holdings data in the eproduct, coverage and localembargo records; the coverage text is updated each time any of the holdings fields are updated.

Field Name	Display Name	Type	Size	Use
G_NUMBEROFSATELLITES		Number	19	The number of attributes that the eproduct has. E-products that do not have any attributes have no value in this field.
G_TIERCODE	Consortial Purchase	CODE	30	In multi shared environments (consortium). Possible values in central instance are: 'Full' (FULL) – Purchased for every member of the consortia, 'Partial' (PARTIAL) – Purchased for some members of the consortia. Possible values for local instance - 'Local' (LOCAL) – Purchased locally. Sites can change the display constants for each code in the UI using the Admin/Code Tables functionality. Can be customized by changing the value in the code table.
G_UPDATEDBYLOCAL	By	Pointer	19	ID of the Staff that updated the record in Verde.

Field Name	Display Name	Type	Size	Use
G_CREATEDBY	By	Pointer	19	ID of the Staff that created the e-product or CKB if the eproduct is part of the CKB.
G_CREATIONDATE	Creation date	DATE	7	Date record created. Automatically generated by Verde.
G_UPDATEDBY	By	Pointer	19	Verde User. Contains the ID of the Staff that updated the e-product.
G_UPDATEDATECENTER	Latest update (center)	DATE	7	CKB Update date. Automatically generated by Verde.
G_UPDATEDATELOCAL	Latest update (local)	DATE	7	Date the e-product was updated in Verde.

Holdings

The coverage and localembargo records together store the e-product holdings information; they can be linked only to e-constituent and e-standalone records. The coverage record stores holdings ranges, both local and global, and there can be many coverage records linked to a single e-product. The local embargo record stores local embargoes only. Global embargo data is stored directly in the e-product. There can only be one localembargo record linked to an e-product. Both coverage and localembargo records are linked to the e-product through the combined e-product code and instance code.

Coverage

There are two types of coverage record, global and local; the type field of the coverage record indicates which type of coverage it is. Global coverage records are part of the KnowledgeBase and are created and updated by ExLibris, local coverage records are created and updated by Verde users. The coverage record has a field for institute code;

however, it is not currently in use. Only instance level coverage records can be created and displayed.

Field Name	Display Name	Type	Size	Use
ID		UID	19	ID of the coverage record.
EPRODUCTCODE		Pointer	30	Contains the e-product code of the related eproduct.
INSTANCECODE		Pointer	30	The organizationcode of the instance to which the coverage record belongs.
COVERAGEFROMDAY		TEXT	20	Contains the day from which the electronic version is available. Does not display as part of the local holdings in the e-product record.
COVERAGEFROMISSUE	Issue	TEXT	20	The issue from which the electronic version is available.
COVERAGEFROMMONTH		TEXT	20	The month from which the electronic version is available.
COVERAGEFROMVOL	Volume	TEXT	20	The volume from which the electronic version is available.
COVERAGEFROMYEAR	From		20	The year from which the electronic version is available

Field Name	Display Name	Type	Size	Use
COVERAGETODAY		TEXT	20	Contains the day to which the electronic version is available. Does not display as part of the local holdings in the e-product record.

Localembargo

Like the coverage record, the localembargo record is linked to the e-product record through the eproductcode and instancecode. There can only be a single localembargo record linked to an e-product.

Field Name	Display Name	Type	Size	Use
ID		UID	19	Unique identifier of the localembargo record.
EPRODUCTCODE		TEXT	30	The eproduct code of the related e-product.
INSTANCECODE		TEXT	30	The organizationcode of the instance to which the localembargo belongs
OPERATOR	Embargo number of months	TEXT	1	Type of embargo - from X months or up to X months. Can be + or -
NUMBEROFMONTHS	Embargo operator	Number	10	Number of months that are embargoed locally.
ESTANDALONE_ID		POINTER	19	Contains the ID of the related record.

Eproductlibrary

The eproductlibrary record stores information about the institutes for which the e-product is active. An e-product can have only one eproductlibrary record. If an e-constituent record does not have an eproductlibrary record, then it inherits its package's record. The system creates an eproductlibrary record for an e-product as soon as the e-product becomes local, that is as soon as it is updated by users. If the eproductlibrary settings are not edited manually, the system will use system defaults when creating the record for the first time; these defaults can always be edited and updated.

The list of institutes can vary in its content; it can hold one institute or many institutes depending on the organizational hierarchy. This characteristic is being satisfied in Verde by storing a comma separated list of organization codes.

When the total amount of characters (codes and comma signs) is not more than 900, the list is stored in column RELATEDLIBRARIES. If the amount of characters exceeds 900, a different column of type CLOB is used to store the list and column RELATEDLIBRARIES will hold the text value 'UNLIMITED'. The CLOB column name is UNLIMITEDRELATEDLIBRARIES.

Field Name	Display Name	Type	Size	Use
ID		UID	19	Unique ID of the eproductlibrary record.
INSTANCECODE		Pointer	30	Code of the instance to which the eproductlibrary record belongs.
EPRODUCTCODE		Pointer	30	Eproductcode of the related e-product

Field Name	Display Name	Type	Size	Use
RELATEDLIBRARIES		Text	900	The institutes for which the e-product is active. Possible values are "ALL" which means that the eproduct is active for the entire instance or a comma separated list of institute codes. If the length of the list exceeds 900 characters, the text value "UNLIMITED" is stored and the list is stored in column UNLIMITEDRELATEDLIBRARIES.
ACTIVE		Number	1	A flag that defines the status of the institutes listed in the relatedlibraries field as active or inactive. If the institutes listed are all active, then the active flag will be set to 1 If the institutes listed are inactive <i>and all other institutes in the instance active</i> , then the flag is set to 0.
UNLIMITEDRELATEDLIBRARIES		CLOB		The institutes for which the eproduct is active. Possible values are "ALL" which means that the e-product is active for the entire instance or a comma separated list of institute codes. This column is empty if the length of the list is less then 900 characters.

Libraryiprange

The libraryiprange record stores information about the library's IP range. A library can have multiple IP ranges records.

Field Name	Display Name	Type	Size	Use
ID		UID	19	Unique ID of the libraryiprange record.
INSTANCECODE		Pointer	30	Points to the ORGANIZATIONCODE field in the ORGANIZATION table. The code of the instance to which the library with the libraryiprange record belongs.
ORGANIZATIONCODE		Pointer	30	Points to the ORGANIZATIONCODE field in the ORGANIZATION table
IPRANGEFROM	From	TEXT	15	'From' of the IP range. Cannot be null.
IPRANGETO	To	TEXT	15	'To' of the IP range
ISINTERNAL	Internal/ IP for Vendor	NUMBER	1	Indicates whether the IP is internal or for vendor
LIBRARY_ID		Pointer	19	Points to the ID field in the LIBRARY table
LAST_MODIFIED		DATE	7	The date when the libraryiprange record was modified

Field Name	Display Name	Type	Size	Use
ISEXCLUDE	Exclude	NUMBER	1	Indicates whether the IP range is included or excluded.

Configuration Tables

Systemsetting

All fields that are defined as “code” in the type field have one value that is stored internally and a second value for online display, reports, and print outs, and indexing. When querying the database, it is important to put a value in the “Code” field. In order to obtain that value, search for the “Value” you see online. Remember that systemsetting is instance specific and therefore you must include your instance in the query.

Field Name	Display Name	Type	Size	Use
ID		UID	19	Unique ID of the systemsetting.
INSTANCECODE		Pointer	30	Code of the instance to which the systemsetting belongs.

Field Name	Display Name	Type	Size	Use
SUBJECT	Topic	TEXT	50	Subject/functional area to which the setting applies. Values are: Access, Acquisition, Admin, Breach, Cost, Currency, E-Product, Incident, License, Local Use Terms, Organization, Privileges, RBA, Synchronization, Trial, Usage, Verde, Task, Verde Task, Work.
FIELD		TEXT	50	Field for which the code is being set.
CODE	Value	CODE	30	The code is the value that is present in the database.
VALUE	Label	TEXT	255	The value presented to the end-user through the UI and report output.
NOTE	Note	Text	255	Note displays in the UI in the Admin module under Code tables.
SEQUENCEPOSITION		Number	10	The display position of this row in systemsetting in all pull down menus.

License Records

An e-product of any type can have, but does not need, a license record. An e-product can have any number of sequential or concurrent licenses; though typically there will be one license that covers an extended period. If there are multiple concurrent licenses on an e-product, the system will prompt users to create a license of type prevailing terms. The prevailing terms license combines the terms of the separate licenses and resolves potential conflicts between them. It is the prevailing terms record that stores what are considered the relevant terms.

A license can be linked to more than one e-product. The link between the license and the e-product is a table called licenselink. A single license can have multiple licenselinks, one for each e-product to which it is linked.

If an e-product is not linked to a license but one of its parent records is, then the parent's license is inherited. When a license is "inherited" there is no physical link between the e-product and the inherited license; however, the e-product is considered to be under the license and its terms. If an e-product has a license and inherits a second license from a parent record, the system will prompt users to create a prevailing term record on the child record, that is, the lower level e-product record. Constituents can inherit licenses from interface or package records; packages and standalones can inherit licenses from interface records.

What displays on the license tab of the e-product actually includes data from the following six Oracle tables:

- License
- Licenselink
- Licenseattachment
- Licensereview
- Allowedlocation
- Alloweduser

Licenses and their attributes exist in the local database only. They are not propagated to other instances and display only in the instance in which they were created.

Licenselink

The licenselink is the link between the license record and the e-product. A license will have multiple licenselink records if it is linked to more than one e-product. A license can only be linked to an e-product in the same instance. The licenselink record is present only when the license is linked directly to the e-product, there is no licenselink for e-products that inherit a license from parent e-products.

Field Name	Display Name	Type	Size	Use
ID		UID	19	The unique ID of the licenselink record.
INSTANCECODE		Pointer	30	The instance of the license and the link and the e-product.
LICENSECODE		Pointer	30	The licensecode of the license to which the e-product is linked.
EPRODUCTCODE		Pointer	30	The eproductcode of the e-product to which the license is linked.
LICENSE_ID		Pointer	19	The ID of the linked license.

License

Field Name	Display Name	Type	Size	Use
ID		UID		
INSTANCECODE		Pointer		The instance of the license and the link and the e-product.

Field Name	Display Name	Type	Size	Use
TYPECODE	Type	CODE	30	Type of license. Possible values are 'Regular' (REGULAR), 'Trial' (TRIAL), 'Supplemental' (SUPPLEMENTAL), and 'Prevailing' (PREVAILING).
LICENSENAME	License name	TEXT	100	The locally-assigned name of the license agreement. Name is unique.
METHODCODE	License method	CODE	30	License method. Possible values are: 'Negotiated' (NEGOTIATED), 'Click through' (CLICK_THROUGH), 'Online' (ONLINE), 'Manifest Assent' (MANIFEST_ASSENT), and 'Shrinkwrap' (SHRINKWRAP).
STARTDATE	License start date	DATE	8	Date from which the license is active.
ENDDATE	License end date	DATE	8	Date to which the license is active.
RENEWALDATE	Date Renewed	DATE	8	Date on which the license was renewed.
EXECUTIONDATE	License execution date	DATE	8	Date on which the license was executed.
LICENSEDURATION	Standard Duration	Number	10	The period of time covered by the license agreement. Used when licenses are renewed. Can be defined in Weeks, Months, and Years.

Field Name	Display Name	Type	Size	Use
LICENSEDURATIONVAL	Standard Duration operator	CODE	30	The time interval in which the 'standard duration period' is measured. Possible values are: 'Weeks (WEEKS)', 'Months' (MONTHS), and 'Years' (YEARS).
VENDORADVANCEDNOTICE	Vendor advance notice	Number	10	Amount of time before the license expires that you want to be alerted to review the license. Can be defined in Days, Weeks, Months.
VENDORADVANCEDNOTICEVAL	Vendor advance notice operator	CODE	30	The time interval in which the 'standard duration period' is measured. Values are: 'Days' (DAYS), 'Weeks (WEEKS)', and 'Months' (MONTHS).
RENEWALTYPECODE	Renewal type	CODE	30	Controls how the license is renewed. Possible values are: 'Automatic' (AUTOMATIC), 'Explicit' (EXPLICIT), and 'Perpetual' (PERPETUAL). Automatic licenses are extended by the system when the acquisition record is renewed; perpetual licenses do not have an end date.
LICENSEURI	License URI	TEXT	100	Contains the URL of the electronic version of the license. If a valid URL is entered, then the link is functional and users can link from Verde to the electronic version of the license.

Field Name	Display Name	Type	Size	Use
LICENSEURITYPE	License URI type	CODE	30	The type of the link that is used to locate the license agreement. Possible values are: 'URI' (URI), 'URN' (URN), 'URL' (URL).
PHYSICALLOCATION	Physical license location	TEXT	250	Note field. The place where a printed or other tangible instance of the license is stored.
FILELOCATION	Electronic file location	TEXT	250	Contains the file location of the electronic version of license.
NONRENEWALNOTICEPERIOD	Auto-renewal cancellation period	Number	10	The amount of advance notice required prior to license renewal if the licensee does not wish to renew the subscription.
NONRENEWALNOTICECODE	Auto-renewal cancellation period operator	CODE	30	The time interval in which the Non-Renewal Notice Period is measured. Possible values are: 'Days' (DAYS), 'Weeks' (WEEKS), and 'Months' (MONTHS).

Field Name	Display Name	Type	Size	Use
STATUSCODE	License status	CODE	30	Status of the license. Possible values are: 'New' (NEW), 'In negotiation' (IN_NEGOTIATION), 'Under review' (UNDER_REVIEW), 'Under local review' (LOC_REVIEW), 'Pending local response' (LOCAL_RESPONSE), 'Pending licensor response' (LICENSOR_RESPONSE), 'Awaiting vendor generic license' (GENERIC_LICENSE), 'Redacted version created' (REDACT_VERSION), 'Electronic version created' (ELEC_VERSION), 'Awaiting local signature' (AWAIT_LOC), 'Final legal version received' (FINAL_VERSION), 'Approved' (APPROVED), 'Pending final local signature' (LOCAL_SIGNATURE), 'Retired' (RETIRED), 'Pending final signature by licensor' (SIGNATURE_BY_LICENSOR), 'Approved locally' (APP_LOC), 'Rejected' (REJECTED).
STATUSNOTE	license status note	TEXT	500	Note field that contains additional information regarding the license status.
LICENSOR	Licensor	Pointer	30	ORGANIZATIONCODE of the organization that licenses the product.
ORIGINALLICENSOR	Original licensor	Pointer	30	ORGANIZATIONCODE of the organization that originally licensed the product.

Field Name	Display Name	Type	Size	Use
LICENSEE	Licensee	Pointer	30	ORGANIZATIONCODE of the library that is licensing the e-product. This is either the one to whom a license is granted or the legal party who signs or otherwise assents to the license.
LICENSINGAGENT	Licensing agent	Pointer	30	ORGANIZATIONCODE of the organization that is licensing the e-product.
LOCALLICENSENEGOTIATOR	Local licensing negotiator	Pointer	30	"ORGANIZATIONCONTACT" of the Library contact responsible for negotiating this license.
DELIVERYREQUIREMENTS	License delivery requirements	TEXT	500	The required medium in which official communications must be delivered.
LICENSINGNOTE	Licensing note	TEXT	500	Note field that contains additional information regarding the license, the negotiation of the license, the product, etc.
PUBLICNOTE	Public note	TEXT	500	Note field that contains additional information regarding the resource that is intended for public use.
REPLACEDBY	License replaced by	TEXT	30	Note about later licenses.
REPLACES	License replaces	TEXT	30	Note about earlier licenses.

Field Name	Display Name	Type	Size	Use
LINKEDLICENSE NOTE	License history note	TEXT	500	Note field that contains additional information about linking.
LICENSECODE	License Code	ID	30	System assigned code.
GENERALTERMS NOTE	General terms note	TEXT	500	Note field that contains additional information regarding the terms in the business agreement of the license as a whole.
USERRESTRICTIO NSNOTE	User restriction note	TEXT	500	Note field that contains Additional information about other user restrictions not adequately described elsewhere. e.g., restrictions on users located outside of United States or relevant country of institution.
USERRESTRICTION SNOTE	Userrestriction note	TEXT	500	Note field that contains additional information about other use restrictions not adequately described elsewhere. e.g., time of day restrictions on Concurrent Users.
AUTHORIZESUSE RDEF	Authorized user definition	TEXT	255	The language in the contract that defines the group of users allowed to use the Electronic Product.
LOCALSUTHORIZ ESUSERDEF	Local authorized user definition	Numeric	1	The inclusion of an institution- specific preferred authorized user definition.

Field Name	Display Name	Type	Size	Use
INTRLIBPRINTOR FAXCODE	ILL print or fax	CODE	30	The right to provide the licensed materials via interlibrary loan by way of print copies or facsimile transmission. Values are: 'Null' (EMPTY), Permitted (explicit) (PERMITTED_EXPLICIT), 'Permitted (interpreted)' (PERMITTED_INTERPRETED), 'Prohibited (explicit)' (PROHIBITED_EXPLICIT), 'Prohibited (interpreted)' (PROHIBITE_INTERPRETED), 'Silent' (SILENT), 'Not applicable' (NO_APPLICABLE).
INTRLIBSECURET RANSOURCE	ILL secure electronic transmission	CODE	30	The right to provide the licensed materials via interlibrary loan by way of secure electronic transmission. Possible values are: 'Null' (EMPTY), Permitted (explicit) (PERMITTED_EXPLICIT), 'Permitted (interpreted)' (PERMITTED_INTERPRETED), 'Prohibited (explicit)' (PROHIBITED_EXPLICIT), 'Prohibited (interpreted)' (PROHIBITE_INTERPRETED), 'Silent' (SILENT), 'Not applicable' (NO_APPLICABLE).

Field Name	Display Name	Type	Size	Use
INTRLIBELECTRONICCODE	ILL electronic	CODE	30	The right to provide the licensed materials via interlibrary loan by way of electronic copies. Possible values are: 'Null' (EMPTY), 'Permitted (explicit)' (PERMITTED_EXPLICIT), 'Permitted (interpreted)' (PERMITTED_INTERPRETED), 'Prohibited (explicit)' (PROHIBITED_EXPLICIT), 'Prohibited (interpreted)' (PROHIBITE_INTERPRETED), 'Silent' (SILENT), 'Not applicable' (NO_APPLICABLE).
INTRLIBKEEPINGREQUIREDCODE	ILL record keeping required	Numeric	1	The requirement to keep records of interlibrary loan activity and provide reports to the licensor at periodic intervals or upon request.
INTRLIBTERMNOTE	ILL term note	TEXT	500	Additional information related to interlibrary loan.
FAIRUSECLAUSECODE	Fair use clause indicator	Numeric	1	A clause that affirms statutory fair use rights under U.S. copyright law (17 USC Section 107) or that the agreement does not restrict or abrogate the rights of the licensee or its user community under copyright law.
ALLRIGHTSRESERVEDCODE	All rights reserved indicator	Numeric	1	A clause stating that all intellectual property rights not explicitly granted to the licensee are retained by the licensor.

Field Name	Display Name	Type	Size	Use
DBPROTECTIONO VERRIDECODE	Data protection override	Numeric	1	A clause that provides fair use protections within the context of assertions of database protection or additional proprietary rights related to database content not currently covered by U.S. copyright law.
CITATIONREQUI REMENTDETAILS	Citation requirement detail	TEXT	255	A specification of the required or recommended form of citation.
DIGITALCOPYCO DE	Digital copy	CODE	30	The right of the licensee and authorized users to download and digitally copy a reasonable portion of the licensed materials. Possible values are: 'Null' (EMPTY), 'Permitted (explicit)' (PERMITTED_EXPLICIT), 'Permitted (interpreted)' (PERMITTED_INTERPRETED), 'Prohibited (explicit)' (PROHIBITED_EXPLICIT), 'Prohibited (interpreted)' (PROHIBITE_INTERPRETED), 'Silent' (SILENT), 'Not applicable' (NO_APPLICABLE).
DIGITALCOPYTE RMNOTE	Digital copy term note	TEXT	500	Information which qualifies a permissions statement on Digitally Copy.
PRINTCOPY	Print copy	CODE	255	The right of the licensee and authorized users to print a portion of the licensed materials.
PRINTCOPYTERM NOTE	Print copy term note	TEXT	500	Information which qualifies a permissions statement on Print Copy.

Field Name	Display Name	Type	Size	Use
SCHOLARYSHARING	Scholarly sharing	CODE	255	The right of authorized users and/or the licensee to transmit hard copy or an electronic copy of a portion of the licensed materials to a third party for personal, scholarly, educational, scientific or professional use. Possible values are: 'Null' (EMPTY), 'Permitted (explicit)' (PERMITTED_EXPLICIT), 'Permitted (interpreted)' (PERMITTED_INTERPRETED), 'Prohibited (explicit)' (PROHIBITED_EXPLICIT), 'Prohibited (interpreted)' (PROHIBITE_INTERPRETED), 'Silent' (SILENT), 'Not applicable' (NO_APPLICABLE).
SCHOLARYSHARINGNOTE	Scholarly sharing term note	TEXT	500	Information which qualifies a permissions statement on Scholarly Sharing.
DISTANCEEDUCATION	Distance education	CODE	255	The right to use licensed materials in distance education. Possible values are: 'Null' (EMPTY), 'Permitted (explicit)' (PERMITTED_EXPLICIT), 'Permitted (interpreted)' (PERMITTED_INTERPRETED), 'Prohibited (explicit)' (PROHIBITED_EXPLICIT), 'Prohibited (interpreted)' (PROHIBITE_INTERPRETED), 'Silent' (SILENT), 'Not applicable' (NO_APPLICABLE).
DISTANCEEDUCATIONTERMNOTE	Distance education term note	TEXT	500	Information which qualifies a permissions statement on distance education.

Field Name	Display Name	Type	Size	Use
COURSERESERVE PRINTCODE	Course reserve print	CODE	30	The right to make print copies of the licensed materials and place them in a controlled circulation area of the library for reserve reading in conjunction with specific courses of instruction. Possible values are: 'Null' (EMPTY), Permitted (explicit) (PERMITTED_EXPLICIT), 'Permitted (interpreted)' (PERMITTED_INTERPRETED), 'Prohibited (explicit)' (PROHIBITED_EXPLICIT), 'Prohibited (interpreted)' (PROHIBITE_INTERPRETED), 'Silent' (SILENT), 'Not applicable' (NO_APPLICABLE).
COURSERESERVE ELCORCASHCODE	Course reserve electronic/cached	CODE	30	The right to make electronic copies of the licensed materials and store them on a secure network. Possible values are: 'Null' (EMPTY), Permitted (explicit) (PERMITTED_EXPLICIT), 'Permitted (interpreted)' (PERMITTED_INTERPRETED), 'Prohibited (explicit)' (PROHIBITED_EXPLICIT), 'Prohibited (interpreted)' (PROHIBITE_INTERPRETED), 'Silent' (SILENT), 'Not applicable' (NO_APPLICABLE).
COURSERESERVE TERMNOTE	Course reserve term note	TEXT	500	Information which qualifies a permissions statement on Course Reserves.

Field Name	Display Name	Type	Size	Use
ELECTRONICLINKCODE	Electronic link	CODE	30	The right to link to the licensed material. Possible values are: 'Null' (EMPTY), Permitted (explicit) (PERMITTED_EXPLICIT), 'Permitted (interpreted)' (PERMITTED_INTERPRETED), 'Prohibited (explicit)' (PROHIBITED_EXPLICIT), 'Prohibited (interpreted)' (PROHIBITE_INTERPRETED), 'Silent' (SILENT), 'Not applicable' (NO_APPLICABLE).
ELECTRONICLINKTERMNOTE	Electronic link term note	TEXT	500	Information which qualifies as a permissions statement on Electronic Links.
COURSEPACKPRINTCODE	Course pack print	CODE	30	The right to use licensed materials in collections or compilations of materials assembled in a print format by faculty members for use by students in a class for purposes of instruction. Possible values are: 'Null' (EMPTY), Permitted (explicit) (PERMITTED_EXPLICIT), 'Permitted (interpreted)' (PERMITTED_INTERPRETED), 'Prohibited (explicit)' (PROHIBITED_EXPLICIT), 'Prohibited (interpreted)' (PROHIBITE_INTERPRETED), 'Silent' (SILENT), 'Not applicable' (NO_APPLICABLE).

Field Name	Display Name	Type	Size	Use
COURSEPACKELECTRONICCODE	Course pack electronic	CODE	30	The right to use licensed materials in collections or compilations of materials assembled in an electronic format by faculty members for use by students in a class for purposes of instruction. Possible values are: 'Null' (EMPTY), Permitted (explicit) (PERMITTED_EXPLICIT), 'Permitted (interpreted)' (PERMITTED_INTERPRETED), 'Prohibited (explicit)' (PROHIBITED_EXPLICIT), 'Prohibited (interpreted)' (PROHIBITE_INTERPRETED), 'Silent' (SILENT), 'Not applicable' (NO_APPLICABLE).
COURSEPACKTERMNOTE	Course pack term note	TEXT	500	Course Pack Term Note
REMOTEACCESSCODE	Remote access	Number	30	The right of an authorized user to gain access to an Electronic Product from an offsite location.
WORKINTERMUSENOTE	Walk-in term use note	TEXT	500	Use terms for walk in users.
PERPETUALACCESSRIGHTS	Perpetual access rights	CODE	30	The right to permanently access the licensed materials paid for during the period of the license agreement. Values are: 'Null' (NULL), 'No' (NO), 'Undetermined' (UNDETERMINED), 'Yes' (YES).

Field Name	Display Name	Type	Size	Use
PERPETUALACCE SSFROM	Perpetual coverage from	DATE	8	The date of coverage from for which perpetual rights are available and agreed upon in the legal contract.
PERPETUALACCE SSTO	Perpetual coverage to	DATE	8	The date of coverage to for which perpetual rights are available and agreed upon in the legal contract.
PERPETUALHOL DINGSNOTE	Perpetual coverage note	TEXT	500	Note field that contains additional information related to perpetual access.
ARCHIVINGRIGH TSCODE	Archiving rights	CODE	30	The right to permanently retain an electronic copy of the licensed materials. Default values are: 'Null' (NULL), 'No' (NO), 'Undetermined' (UNDETERMINED), 'Yes' (YES). Can be customized by changing the value in the code table.
ARCHIVINGFOR MATCODE	Archiving format	CODE	30	The format of the archival content. Default values are: 'Null' (NULL), 'Remote' (REMOTE), 'CDROM' (CDROM), 'Tape' (TAPE), 'Unspecified tangible format' (UNSPECIFIED_FORMAT). Can be customized by changing the value in the code table.
ARCHIVINGNOTE	Archiving note	TEXT	500	Additional information related to archiving rights, product, and format.

Field Name	Display Name	Type	Size	Use
ACCESSABILITYC OMPLIANCE	Accessibility compliance	Numeric	1	An agreement that the data is provided in a form compliant with relevant accessibility (disabilities) legislation.
COMPLETENESSO FCONTENTCODE	Completeness of content clause	TEXT	30	The presence of a provision in the contract stating that the licensed electronic materials shall include all content found in the print equivalent.
CONCURRENCY WITHPRINTCODE	Concurrency with print version	TEXT	30	The presence of a provision in the contract which states that the licensed materials will be available before, or no later than, the print equivalent, and/or will be kept current.
INTELLECTUALP ROPWARRENTY	Intellectual property warranty	Numeric	1	A clause in which the licensor warrants that making the licensed materials available does not infringe upon the intellectual property rights of any third parties.
CONFIDENTIALIT YOFUSER	User information confidentiality	Numeric	1	The requirement that user data should not be shared with third parties, reused, or resold without permission.
UCITAOVERRIDE	UCITA override clause indicator	Numeric	1	A clause that reflects the licensor's agreement to use U.S. state contract law in the event UCITA is ever passed and implemented in the specified governing law state.

Field Name	Display Name	Type	Size	Use
CLICKWRAPMODIFICATION	Clickwrap modification	Numeric	1	A clause indicating that the negotiated agreement supersedes any click-through, click-wrap, other user agreement, or terms of use residing on the provider's server that might otherwise function as a contract of adhesion.
INDEMNIFICATIONCODE	Indemnification by licensor	CODE	30	A clause by which the licensor agrees to indemnify the licensee against a legal claim. Values are: 'Null' (NULL), 'General' (GENERAL), 'Intellectual property only' (INTELLECTUAL_ONLY), 'Other' (OTHER).
INDEMNIFICATION	Indemnification by licensor indicator	Numeric	1	A clause by which the licensee agrees to indemnify the licensor against a legal claim, usually for a breach of agreement by the licensee.
CONFDTYOFAGREEMENT	Confidentiality of agreement	CODE	255	The presence or absence of clauses that specify or detail restrictions on the sharing of the terms of the license agreement. values are: 'Null' (NULL), 'All' (ALL), 'All but user terms' (ALL_BUT_USER_TERMS), 'Financial only' (FINANCIAL_ONLY), 'No' (NO).
CONFDTYOFAGREEMENTNOTE	Confidentiality note	TEXT	500	Specific details about what aspects of the license are private.
GOVERNINGLAW	Governing law	TEXT	255	A clause specifying the governing law to be used in the event of an alleged breach of the agreement.

Field Name	Display Name	Type	Size	Use
GOVERNINGJURISDICTION	Governing jurisdiction	TEXT	255	The venue or jurisdiction to be used in the event of an alleged breach of the agreement.
APPLICABLECOPYRIGHTLAW	Applicable copyright law	TEXT	255	A clause that specifies the national copyright law agreed to in the contract.
CUREPERIODFORBREACH	Cure period for breach	Numeric	10	The cure period for an alleged material breach.
CUREPERIODFORBREACHUOMCODE	Cure period for breach operator	CODE	30	The time interval that measures the Cure Period for Breach.
CONTENTWARRANTY	Content warranty	TEXT	255	A clause that guarantees a remedy to the licensee if the quantity or quality of material contained within the resource is materially diminished.
PERFORMANCEWARRANTYIND	Performance warranty	Numeric	1	Indicates whether a clause that requires a satisfactory level of online availability and/or response time is present.
PERFORMANCEWARRANTY	Uptime guarantee	TEXT	255	
MAINTENANCEWINDOW	Maintenance window	TEXT	255	The recurring period of time reserved by the product provider for technical maintenance activities, during which online access may be unavailable.

Field Name	Display Name	Type	Size	Use
LICENSEETERMINATIONRIGHTS	Licensee termination right	Numeric	1	The ability of the licensee to terminate an acquisition during a contract period.
LICENSEENOTICEPERIODOFTRMN CODE	Licensee termination condition	CODE	30	The amount of advance notice required prior to contract termination by the Licensee.
LICENSEENOTICEPERIODOFTRMN	Licensee termination notice period	INTEGER	10	The time interval in which the Licensee Notice Period for Termination by the library is measured.
LICENSEETRMNCONDITIONCODE	Licensee termination notice period operator	CODE	30	The conditions that would allow a licensee to terminate acquisition during a contract period. Default values are: 'Null' (NULL), 'At will' (AT_WILL), 'Breach by licensor' (BREACH_BY_LICENSOR), 'Other' (OTHER). Can be customized by changing the value in the code table.
LICENSORTERMINATIONRIGHTS	Licensor termination right	Numeric	1	The ability of a Licensor to terminate an acquisition during a contract period.
LICENSORTRMCONDITION	Licensor termination condition	CODE	30	The conditions that would allow a Licensor to terminate an acquisition during a contract period. Default values are: 'Null' (NULL), 'At will' (AT_WILL), 'Breach by licensor' (BREACH_BY_LICENSOR), 'Other' (OTHER). Can be customized by changing the value in the code table.

Field Name	Display Name	Type	Size	Use
LICENSORNOTICEPERIODTRM	Licensor termination notice period	Numeric	4	The amount of advance notice required prior to contract termination by the licensor.
LICENSORNOTICEPERIODTRMCODE	Licensor termination notice period operator	CODE	30	The time interval in which the Licensor Notice Period for Termination is measured. Default values are: 'Days' (DAYS), 'Weeks' (WEEKS), 'Months' (MONTHS). Can be customized by changing the value in the code table.
TRMRIGHTNOTE	Termination right note	TEXT	500	Additional information necessary to amplify any specifications of termination rights.
TRMREQUIREMENTNOTE	Termination requirement note	TEXT	500	A clarification of the termination requirements and what certification of the requirement activities is necessary.
CREATEDDATE	Creation date	DATE	8	License creation date. Automatically generated by Verde.
CREATEDBY	By	Pointer	19	Verde User. Contains the ID of the Staff that created the license.
UPDATEDDATE	Latest update	DATE	8	Date the license was updated in Verde.
UPDATEDBY	By	Pointer	19	Verde User. Contains the ID of the Staff that ran the update.