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# LeasePak 6.5a Release Notes

Includes release information through build 6.50.4142

## Release Bulletin

The updated list of LeasePak 6.5a enhancements is now part of the [Release Bulletin](#). You can also find a copy of the Release Bulletin (65a\_mr3\_release\_bulletin.pdf) in the ReadMe folder.

## Fixed Discrepancies Listing

The [Fixed Discrepancies Listing](#) contains an archive listing of discrepancies fixed in LeasePak versions prior to 6.5a. For discrepancies fixed in LeasePak 6.5a, refer to the [Release Bulletin](#).

## Fixed ADOCs Listing

The [Fixed ADOCs Listing](#) contains listing of documentation errors (ADOCs) fixed in LeasePak version 6.4a MR5.

## Important Notices

### 1) U0212 Portfolio - > End of Period Customizations document update

U0212 Portfolio - > End of Period Customizations document has been updated for the following field's description:

End of Period Prefetch Count  
End of Period Manual Lease Range

### 2) System Administration Guide » LeasePak DBMS Server » Oracle 11gR2 Server » Initialization Parameters

The recommended values of these Oracle initialization parameters have changed:

SHARED\_POOL\_SIZE  
LARGE\_POOL\_SIZE  
JAVA\_POOL\_SIZE  
PGA\_AGGREGATE\_TARGET

See the Initialization Parameters section for more information.

The NetSol recommendation to disable the following Oracle initialization parameters has been rescinded:

AUDIT\_TRAIL  
DB\_CACHE\_ADVICE  
RECYCLEBIN

Those initialization parameters can now be enabled or disabled according to your company policies.

**3) In prior releases, the Automated Maintenance Configuration section of "System Administration Guide > LeasePak DBMS Server > Oracle 11gR2 Server" instructed the user to disable the Oracle automated maintenance tasks.**

The Oracle automated maintenance tasks are:

1. Automatic Optimizer Statistics Collection
2. Automatic SQL Tuning Advisor
3. Automatic Segment Advisor.

Beginning with v65a, Netsol recommends enabling the Oracle automated maintenance tasks. The Automated Maintenance Configuration section has been removed from the Oracle 11gR2 Server SAG.

If you have previously disabled the Oracle automated maintenance tasks, re-enable them with the Oracle Enterprise Manager graphical interface.

**Note:** *The Oracle automated maintenance tasks are run during a contiguous time interval referred to as a maintenance window. Oracle by default creates seven maintenance windows, one for each day of the week. The Monday through Friday windows start at 10 pm and end at 2 am. The Saturday and Sunday windows start at 6 am and last for 20 hours. The default maintenance windows can be customized to run on a different schedule. If the timing of the Oracle maintenance windows conflicts with End of Period or other critical LeasePak processing, customize the maintenance window schedule accordingly.*

**4) In prior releases, the Optimizer Statistics section of "System Administration Guide > LeasePak DBMS Server > Oracle 11gR2 Server" instructed the user to gather optimizer statistics by periodically running the db\_update\_statistics LeasePak server script.**

Beginning with v65a, Netsol recommends using the Oracle Automatic Optimizer Statistics Collection automated maintenance task to gather optimizer statistics. The Oracle Automatic Optimizer Statistics Collection automated maintenance task will automatically gather fresh optimizer statistics for your LeasePak databases and the Oracle data dictionary.

Once you begin to gather statistics with the Oracle Automatic Optimizer Statistics Collection automated maintenance task, it will be unnecessary to run the db\_update\_statistics LeasePak server script.

## Enhancement Summaries (MR3)

## 533238 Double Code Performance Mods

The enhancement includes the double code of the following projects:

### 1. 532792 Improve Performance for U0446 GL Lessor Inc

This enhancement improves the performance of the updates the U0446 GL Lessor Income Month to Date, Year to Date and Life to Date of each lease to fetch the data and completes the process within minimum time limits. Implementation of this enhancement is only applicable to ORACLE platform.

#### ◆ [U0446 General Ledger Lessor Income](#)

### 2. 532833 Improve Performance for U0481 Year-End File Build

This enhancement improves the performance of the update U0481 Year-End File Build. U0481 module creates the END of the Year Asset Tax (RYR) file to be used to create the end of year tax reports. The improved performance supports only ORACLE platform of LeasePak v6.4a.

#### ◆ [U0481 Year-End File Build](#)

### 3. 532924 Improve Performance for R1001 Off Lease Inventory

The R1001 off Lease Inventory reports the status of assets available in inventory. This enhancement improves the performance of this report to extract data within minimum time limits. The improved performance of R1001 supports only ORACLE platform of LeasePak v6.4a.

#### ◆ [R1001 off Lease Inventory](#)

### 4. 532925 Improve Performance for R0902 Lease Inventory

This enhancement improves the performance of the R0902 Lease Inventory report lists all leases that have not been paid off nor charged off. The improved performance of R1001 supports only ORACLE platform of LeasePak v6.4a.

#### ◆ [R0902 Lease Inventory](#)

### 5. 532926 Improve Performance for R0301 Taxable Income

This enhancement improves the performance of the report R0301 Taxable Income. R0301 provides year-to-date information on taxable income generated by the lease portfolio, assisting in the preparation of the lessor's federal and state tax returns. The improved performance of R1001 supports only ORACLE platform of LeasePak v6.4a.

#### ◆ [R0301 Taxable Income](#)

## 6. 532927 Improve Performance for R0304 Tax Depreciation

The R0304 Tax Depreciation report provides year-to-date information on federal, alternative minimum tax (AMT), and state depreciation for the lease portfolio, to assist in the preparation of the lessor's federal and state tax returns. This enhancement improves the performance of the R0304 Tax Depreciation report extraction within minimum time limits. The improved performance of R1001 supports only ORACLE platform of LeasePak v6.4a.

◆ [R0304 Tax Depreciation](#)

## 7. 532928 Improve Performance for U0482 Clear Year to Date Fields

This enhancement improves the performance of the EOP U0482 clear Year-To-Date field within minimum time limits. This module zeroes all year-to-date information on the Master Financial (RLS) and Asset (REQ) files. Additionally, this will allow the ability to track prior year-to-date data at the lease level. The EOY process will move the year-to-date data from the lease table to the new table Year to Date History, just before all fields are cleared. The improved performance of R1001 supports only ORACLE platform of LeasePak v6.4a.

◆ [U0482 Clear Year-To-Date Fields](#)

## 8. 532878 Snapshot RTX based on date/time range

This enhancement modifies the db\_snapshot script so that the user may specify to select a query to retrieve data for the bcp out instead of retrieving the full table. The ability to specify a query allows the user to only snapshot records that meet specific requirements such as those created after a certain date.

◆ [LeasePak Server Configuration and Maintenance - db\\_snapshot](#)

## 9. 532810 Snapshot/Restore - Multiple Files for the Same Table

This enhancement changes the db\_snapshot script to not to concatenate multiple files created for the same database table. It also modifies the db\_restore process to recognize multiple files for the same table and restore all of them.

◆ [LeasePak Server Configuration and Maintenance - db\\_snapshot](#)

## 533665 MPower API Documentation for 65a

The enhancement provides documentation of mPower API web services with independent sample input / output, request & response DTD's and reference grids for each method of all web services.

◆ [Web Services API \(LinkIT\)](#)

### 533755 API Deployment scripts

The enhancement allows LeasePak users to deploy and UN-deploy API web services by running shell scripts. The new script files are located in mPower builds under **WEB\_INF/deploymentscripts** folder.

- ◆ [mPower Server](#)

## Enhancement Summaries (MR2)

### 532672 Add \*AX\* & \*IX\* accrual methods to the Prorate Income module

This enhancement supports the following interest bearing loan accrual methods to the Prorate Income module: AAX6, AAX5, AAX0, AAXE, AIX6, AIX5, AIX0, AIXE, RAX6, RAX5, RAX0, RAXE, RIX6, RIX5, RIX0, and RIXE. The amount of interest income accrued will be based on the number of days the interest-bearing loan was active for each month. Active is defined as an interest-bearing loan that has not been paid off or terminated.

- ◆ [Prorate Income](#)

### 532935 Manf/Mdl Code Load API

This enhancement adds a new web service to LeasePak mPower with class LPAuxTableMaint and a method loadMnfMdl to load manufacturer and model codes along with their descriptions.

- ◆ Web Service ->[LPAuxTableMaint](#)

### 533253 PCRO Structure API (532934)

Adds a new method, getPCRO in class LPSearch of the LinkIT API web services. This method will return all possible Portfolio (P), Company (C), Region (R), Office (O) combinations along with their respective descriptions.

- ◆ [LPSearch -> getPCRO](#)

### 533317 Additional Supported Fields for Lessee and Guarantor

This enhancement supports new supported fields for LESSEE\_RECORD and GUARANTOR\_RECORD. These supported fields are used in the mPower classes MsiAppExtractor, MsiAppOriginator, and MsiAppOriginatorDocLit.

- ◆ [Supported Fields](#)

### 533381 Adjust un-amortized IDC's and IDR's for IBL

This enhancement reduces the unamortized IDC, IDC1, IDC2, IDR1, IDR2, IDR3, and IDR4 amounts when an asset payoff or an asset termination on an interest-bearing loan is processed. The amount reduced will be proportional to the asset's percent of schedule.

- ◆ [U0212 Portfolio](#)
- ◆ Interest Bearing Loan Overview: [Asset level Payoff/Termination](#)
- ◆ [General Ledger Accounting: Payoff/Termination](#)

### 533575 Update AcquireIT workbook template

Updates the excel workbook template to match with the supported fields in the API. The ChannellT web pages will be bypassed and the user sent to AcquireIT after log in since the ChannellT module is no longer supported.

- ◆ [AcquireIT](#)

### 533613 Double code performance improvements

Delivery of the double code of the following projects.

- ◆ 532792
- ◆ 532833
- ◆ 532924
- ◆ 532925
- ◆ 532926
- ◆ 532927
- ◆ 532928

## Enhancement Summaries (MR1)

### 523268 Vertex O Series

The Vertex® Indirect Tax O Series Interface is a separately purchasable module of LeasePak. Vertex Indirect Tax O Series Interface permits LeasePak to offload the responsibility of calculating sales and use tax along with maintaining a tax journal to a separate software product available from Vertex Inc.

- ◆ [Vertex® Indirect Tax O Series Overview](#)

### 529703 Vertex O Conversion Utility

Vertex O conversion utility update allows a user to convert existing contracts to Vertex O contracts. User must convert a contract to Vertex O before using Vertex O interface engine for tax calculations.

- ◆ [Vertex O Conversion Update Overview](#)
- ◆ [Vertex O Conversion Update Utility](#)

### 530631 Streamline Batch Applications

Streamline Batch Applications allows a user to automatically book the application once the status of the application is approved. But the application must have booked assets at the time of the status transfer.

- ◆ [Application Tracking -> Status Transfer](#)

### 531736 API To Retrieve Model Amortization Information

Adds a new web service named LPReports to support external reports with method getR0109. The method accepts input XML, process the input XML file through edit checks of r0109 and returns r0109 XML report.

- ◆ [Web Service LPLookup->getR0109](#)

### 531737 API To Extract Portfolio Information

This enhancement adds a new web service LPLookup and a method getPortfolio. getPortfolio extracts portfolio information from LeasePak database table rac Preauthorized Payments Control to use in Credit Application Processing System. The method supports only File Map Type against a given portfolio ID. getPortfolio accepts portfolio number as an input, validates the input portfolio number and returns extracted information from rac Preauthorized Payments Control table.

- ◆ [Web Service LPReports->getPortfolio](#)

### 531740 API To Extract Extended Codes

This enhancement allows a user to extract record(s) of portfolio, company, region, office, state, city, county, manufacturer, or model. The method extractExtndedCodes takes input parameter and process it depending on the input parameter provided to synchronize Credit Application Processing system.

- ◆ [Web Service LPSearch->extractExtendedCodes](#)

### 531741 API To Search Form Codes

This enhancement adds a new method to the web service LPSearch named *extractFormcodes*. *extractFormCodes* allows a user to extract different LeasePak form codes. The method searches form codes depending on the given input criteria. The method extracts records from LeasePak database rca Lease Form table.

◆ [Web Service LPSearch->searchFormCodes](#)

#### **531742 API To Extract Base Rates**

This enhancement allows a user to get base rates from LeasePak database. The enhancement adds a new web service named LPLookup and a method *getBaseRates*. *getBaseRates* extracts LeasePak base rates from LeasePak database rpr Daily Base Rate table. The method searches and returns output based on input provided as a prime bank id and method values to extract base rate against a particular financial institution in the given month.

◆ [Web Service LPLookup->getBaseRates](#)

#### **531743 API To Extract Custom Codes**

This enhancement adds a new method *getallcodes* to the LeasePak web service LPSearch and allows a user to extract custom codes defined in LeasePak update u0722 Custom Code.

◆ [Web Service LPSearch->getAllCodes](#)

#### **531744 API For Lessee Exposure**

This enhancement allows a user to extract lessee information from LeasePak database. This method takes lessee number as an input data and returns lessee information in an XML document.

◆ [Web Service LPSearch->getLesseeExposure](#)

#### **531745 API To Search Client**

This enhancement allows a user to search client information from LeasePak database. The method of this enhancement supports to search different client types (lessee, broker, and guarantor).

◆ [Web Service LPSearch->searchClient](#)

#### **531746 New Option for Client Receives Advance Money**

This enhancement allows a user to reduce the accounts payable amount due to a dealer by amount for the advance payment including the tax associated with by default. All other payments due at commencement will default to be invoiced. This is only in case when the payment is from the advance lease payment or advance loan payment from the payment



schedule and does not include any interim rent. Users must own Partial Deductions module to reduce the accounts payable amount due to a dealer by only the advance payment including the tax associated with the advance payment by default.

- ◆ [U0101 New Lease](#)
- ◆ [U0212 Portfolio](#)
- ◆ [Utility 218 Batch Application](#)

### **531747 Batch Check Disbursal**

This enhancement upgrades the web service LPBookLease functionality to disburse check. The disburseCheck method of LPBookLease accepts IDC2 disbursement type to disburse check through LeasePak API.

- ◆ [Web Service LPBookLease->disburseCheck](#)

### **532385 Web Services for LOS Tax Information**

This enhancement adds a two web service to LeasePak LinkIT named NstfsLosTax and NstfsLosGeo. The web service NstfsLosTax contains method named taxCalc and web service NstfsLosGeo contains a method named geoSearch. These two web services allow a user to search for the appropriate geocode location and then calculate tax for any type of charges in that location using the geocode tax rates in LeasePak.

- ◆ [Web Service NstFsLosGeo->geoSearch](#)
- ◆ [Web Service NstFsLosTax->taxCalc](#)

## **Enhancement Summaries (GA)**

### **531520 New Upfront Sales Tax Code**

This enhancement supports NOAP use sales tax code to charge sales tax. This use tax codes will not charge sales tax on assessments and payoff.

- ◆ [U0101 Add Asset -> Use Tax Code](#)
- ◆ [U0210 Asset](#)
- ◆ [U0801 Application Asset Tabs -> Tab 5: Miscellaneous](#)
- ◆ [U0801 Application Asset Tabs -> Tab 7: Upfront Sales Tax](#)

### **531439 Sales Tax on Assessment Defined Using a Custom Asset Code**

This enhancement allows a user to define sales tax assessments for assets. The

enhancement adds a new field of Assessment Tax Class code to define and select assessment tax class. This Assessment Tax Class field enhances LeasePak to define the taxability of assessments for an asset. Users can create these assessment tax classes by using U0725 Sales Tax on Assessments. The custom codes can be added to an asset and will be used when an invoice accrues for that asset with assessment charges or when there are manual assessments.

- ◆ [U0101 Add Asset](#)
- ◆ [U0210 Asset](#)
- ◆ [U0230 Multi Asset Maintenance](#)
- ◆ [U0722 Custom Code](#)
- ◆ [U0725 Sales Tax On Assessments](#)
- ◆ [U0801 Application Asset Tabs-> Tab 5: Miscellaneous](#)
- ◆ [R0502 Application Inquiry](#)
- ◆ [R0905 Lease Inquiry](#)

## LeasePak Database Changes

### ral Lessee/Co-Lessee

#### Column Add

Column Name	Description	Oracle Datatype	Oracle Allow Null	Sybase Datatype	Sybase Allow Null	Initial Value
d_lup_s	Date of last update	DATE	yes	datetime	yes	NULL
t_lup_s	Time of last update	CHAR(6)	yes	char(6)	yes	NULL

### rapa Application 2

#### Column Add

Column Name	Description	Oracle Datatype	Oracle Allow Null	Sybase Datatype	Sybase Allow Null	Initial Value
vtx_o_c	Use Vertex O (Y/N/NULL) Y - Vertex O is used N or NULL - Vertex O is not used	CHAR(1)	yes	char(1)	yes	NULL

### raq Application Asset

#### Column Add

Column Name	Description	Oracle Datatype	Oracle Allow Null	Sybase Datatype	Sybase Allow Null	Initial Value
vtx_taid_s	Vertex tax area id	CHAR(10)	yes	char(10)	yes	NULL
eq_cnty_s	Equipment county	VARCHAR2(60)	yes	char(60)	yes	NULL
tax_pmt_typ_s	Tax payment type (ST/UC/UR) ST - Stream UC - Upfront cost UR - Upfront rentals	CHAR(2)	yes	char(2)	yes	NULL

upf_ao_dlr_s	Upfront sales tax admin origin - vendor number	CHAR(9)	yes	char(9)	yes	NULL
assmt_tax_cls_s	Assessment tax class (ASM.TAXCLS code)	CHAR(4)	yes	char(4)	yes	NULL

### rar Accounts Receivable

#### Column Add

Column Name	Description	Oracle Datatype	Oracle Allow Null	Sybase Datatype	Sybase Allow Null	Initial Value
vtx_o_c	Use Vertex O (Y/N/NULL) Y - Vertex O is used N or NULL - Vertex O is not used	CHAR(1)	yes	char(1)	yes	NULL

### rbk Broker

#### Column Add

Column Name	Description	Oracle Datatype	Oracle Allow Null	Sybase Datatype	Sybase Allow Null	Initial Value
d_lup_s	Date of last update	DATE	yes	datetime	yes	NULL
t_lup_s	Time of last update	CHAR(6)	yes	char(6)	yes	NULL

### rcc Custom Code

#### Data Add

rcc_flg_c	cd_type_s	cd_shrt_s	cd_long_s	security_l
1	VTX.FFC		VERTEX FFC ORIGIN	4
2	VTX.FFC	TNCD	TRANSCODE	0
2	VTX.FFC	TPMT	TAX PAYMENT TYPE	0
2	VTX.FFC	LTYP	LEASE TYPE	0
2	VTX.FFC	FMCD	LEASE FORM CODE	0
2	VTX.FFC	ASID	ASSET ID	0
2	VTX.FFC	ASCD	ASSESSMENT CODE	0
2	VTX.FFC	MANF	MANUFACTURER	0
2	VTX.FFC	MODL	MODEL	0
2	VTX.FFC	LSTA	LEASE STATUS	0
2	VTX.FFC	UA01	USER DEF ASSET FLD01	0
2	VTX.FFC	UA02	USER DEF ASSET FLD02	0
2	VTX.FFC	UA03	USER DEF ASSET FLD03	0
2	VTX.FFC	UA04	USER DEF ASSET FLD04	0
2	VTX.FFC	UA05	USER DEF ASSET FLD05	0
2	VTX.FFC	UA06	USER DEF ASSET FLD06	0
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2	VTX.FFC	UL46	USER DEF LEASE FLD46	0
2	VTX.FFC	UL47	USER DEF LEASE FLD47	0
2	VTX.FFC	UL48	USER DEF LEASE FLD48	0
2	VTX.FFC	UL49	USER DEF LEASE FLD49	0
2	VTX.FFC	UL50	USER DEF LEASE FLD50	0
2	VTX.FFC	UL51	USER DEF LEASE FLD51	0
1	VTX.FFN		VERTEX FFN ORIGIN	4
2	VTX.FFN	TRMD	LEASE TERM IN DAYS	0
2	VTX.FFN	WGHT	WEIGHT	0
1	VTX.FFD		VERTEX FFD ORIGIN	4
2	VTX.FFD	COMD	COMMENCEMENT DATE	0
2	VTX.FFD	MATD	MATURITY DATE	0
2	VTX.FFD	INSD	IN-SERVICE DATE	0
1	VTX.VER		VERTEX VERSION	4
2	VTX.VER	0600	VERSION 6.00	0
1	ADDR.TYP		ADDRESS TYPE	4
2	ADDR.TYP	EQPT	PAYOFF SHIP TO	0
2	ADDR.TYP	EQPF	PAYOFF SHIP FROM	0
2	ADDR.TYP	EQPA	PAYOFF ADMIN ORIGIN	0
2	ADDR.TYP	EQUA	UPFRONT ADMIN ORIGIN	0
2	ADDR.TYP	EQUA	UPFRONT ADMIN ORIGIN	0
2	ADDR.TYP	EQUA	UPFRONT ADMIN ORIGIN	0
2	ADDR.TYP	EQUA	UPFRONT ADMIN ORIGIN	0
2	ADDR.TYP	EQUD	UPFRONT DESTINATION	0
2	ADDR.TYP	QTPT	PAYOFF QUOTE SHIP TO	0
2	ADDR.TYP	QTPF	PAYOFF QUOTE SHIP FM	0
2	ADDR.TYP	QTPA	PAYOFF QUOTE ADM ORG	0
1	IC.TYP		ITEM CHARGE TYPE	4
2	IC.TYP	PRNA	PRINCIPAL AMOUNT	0
2	IC.TYP	INTA	INTEREST AMOUNT	0
2	IC.TYP	UPFN	UPFRONT SALES TAX	0
2	IC.TYP	SOAS	SALE OF ASSET	0
2	TRN	926	VTX O TAX DISBURSAL	0
1	ASM.TAXCLS		ASSESSMENT TAX CLASS	4
2	ASM.TAXCLS	NONE	DEFAULT TAX CLASS	0

2	TXP	NOAP	UPFT EXMPT ASMT PYOF	0
2	PREPAY	TRM1	% OF ACQ DECL FROM 1	0
2	PREPAY	TRM2	% OF ACQ DECL FROM 2	0
1	FEE.SRC		FEE SOURCE	0
2	FEE.SRC	PMTX	U0107 PAYMENT EXT	0
2	FEE.SRC	LSEX	U0108 LEASE EXT	0
2	FEE.SRC	PDDC	U0118 PMT DUEDAY CHG	0
2	PMT.ORIG	LPCR	LP CREDIT MEMO	0
2	PMT.ORIG	LPRB	LP REBOOK	0
2	PMT.ORIG	LPRC	LP REVERSE CHECK	0
2	PMT.ORIG	LPRL	LP REMOVE LEASE	0
2	PMT.ORIG	LPRV	LP PMT RESCHED REV	0
2	PMT.ORIG	LPSA	LP SALE OF ASSET	0
2	PMT.ORIG	LPSD	LP SECURITY DEP SUSP	0
2	PMT.ORIG	LPSE	LP SECURITY DEP PAYF	0
2	PMT.ORIG	LPSR	LP SALE OF ASSET REV	0
2	PMT.ORIG	LPSV	LP REVERSAL SUSP	0

## rcu Customer

### Column Add

Column Name	Description	Oracle Datatype	Oracle Allow Null	Sybase Datatype	Sybase Allow Null	Initial Value
d_lup_s	Date of last update	DATE	yes	datetime	yes	NULL
t_lup_s	Time of last update	CHAR(6)	yes	char(6)	yes	NULL

## rdr Deferral Reversal

### Column Add

Column Name	Description	Oracle Datatype	Oracle Allow Null	Sybase Datatype	Sybase Allow Null	Initial Value
dpn_stax_fee_s	DPN key of STAX fee	VARCHAR2 (24)	yes	char(24)	yes	NULL
dht_stax_fee_s	DHT key of STAX fee	VARCHAR2 (24)	yes	char(24)	yes	NULL
stax_fee_cash_c	STAX fee cash received (Y/N)	CHAR(1)	yes	char(1)	yes	NULL
stax_fee_d	STAX fee amount	NUMBER(15,2)	yes	double precision	yes	0.0
ddr_flg_c	DDR version flag (1/2) 1 - old style 2 - new style	CHAR(1)	yes	char(1)	yes	'1'

## reqa Asset 2

### Column Add

Column Name	Description	Oracle Datatype	Oracle Allow Null	Sybase Datatype	Sybase Allow Null	Initial Value
vtx_taid_s	Vertex tax area id	CHAR(10)	yes	char(10)	yes	NULL
eq_cnty_s	Equipment county	VARCHAR2 (60)	yes	char(60)	yes	NULL
tax_pmt_typ_s	Tax payment type (ST/UC/UR) ST - Stream UC - Upfront cost UR - Upfront rentals	CHAR(2)	yes	char(2)	yes	NULL
upf_ao_dlr_s	Upfront sales tax admin origin - vendor number	CHAR(9)	yes	char(9)	yes	NULL
pay_txp_s	Payoff/sale tax payment code (TXP code)	CHAR(4)	yes	char(4)	yes	NULL
	Assessment tax class					

assmt_tax_cls_s (ASM.TAXCLS code)	CHAR(4)	yes	char(4)	yes	NULL
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### res Equity Movement Status

#### Column Add

Column Name	Description	Oracle Datatype	Oracle Allow Null	Sybase Datatype	Sybase Allow Null	Initial Value
vtx_taid_s	Vertex tax area id	CHAR(10)	yes	char(10)	yes	NULL
add2_s	Address 2	VARCHAR2(36)	yes	char(36)	yes	NULL
cnty_s	County	VARCHAR2(60)	yes	char(60)	yes	NULL
cty_s	City	VARCHAR2(25)	yes	char(25)	yes	NULL

### rgr Guarantor

#### Column Add

Column Name	Description	Oracle Datatype	Oracle Allow Null	Sybase Datatype	Sybase Allow Null	Initial Value
d_lup_s	Date of last update	DATE	yes	datetime	yes	NULL
t_lup_s	Time of last update	CHAR(6)	yes	char(6)	yes	NULL

### rha Historical Accounts Receivable

#### Column Add

Column Name	Description	Oracle Datatype	Oracle Allow Null	Sybase Datatype	Sybase Allow Null	Initial Value
vtx_o_c	Use Vertex O (Y/N/NULL) Y - Vertex O is used N or NULL - Vertex O is not used	CHAR(1)	yes	char(1)	yes	NULL

### rhqa Historical Asset for Lease Extension/Reversal 2

#### Column Add

Column Name	Description	Oracle Datatype	Oracle Allow Null	Sybase Datatype	Sybase Allow Null	Initial Value
vtx_taid_s	Vertex tax area id	CHAR(10)	yes	char(10)	yes	NULL
eq_cnty_s	Equipment county	VARCHAR2(60)	yes	char(60)	yes	NULL
tax_pmt_typ_s	Tax payment type (ST/UC/UR) ST - Stream UC - Upfront cost UR - Upfront rentals	CHAR(2)	yes	char(2)	yes	NULL
upf_ao_dlr_s	Upfront sales tax admin origin - vendor number	CHAR(9)	yes	char(9)	yes	NULL
pay_txp_s	Payoff/sale tax payment code (TXP code)	CHAR(4)	yes	char(4)	yes	NULL
assmt_tax_cls_s	Assessment tax class (ASM.TAXCLS code)	CHAR(4)	yes	char(4)	yes	NULL

### rhr Historical Tax Released for Use Tax Disbursal

#### Column Add

Column Name	Description	Oracle Datatype	Oracle Allow Null	Sybase Datatype	Sybase Allow Null	Initial Value
cnty_s	County	VARCHAR2(60)	yes	char(60)	yes	NULL
cty_s	City	VARCHAR2(25)	yes	char(25)	yes	NULL

### rhsb Historical Lease for Lease Extension/Reversal 3

#### Column Add

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Column Name	Description	Oracle Datatype	Oracle Allow Null	Sybase Datatype	Sybase Allow Null	Initial Value
vtx_o_c	Use Vertex O (Y/N/NULL) Y - Vertex O is used N or NULL - Vertex O is not used	CHAR(1)	yes	char(1)	yes	NULL

### rin Investor

#### Column Add

Column Name	Description	Oracle Datatype	Oracle Allow Null	Sybase Datatype	Sybase Allow Null	Initial Value
d_lup_s	Date of last update	DATE	yes	datetime	yes	NULL
t_lup_s	Time of last update	CHAR(6)	yes	char(6)	yes	NULL

### rle Lender

#### Column Add

Column Name	Description	Oracle Datatype	Oracle Allow Null	Sybase Datatype	Sybase Allow Null	Initial Value
d_lup_s	Date of last update	DATE	yes	datetime	yes	NULL
t_lup_s	Time of last update	CHAR(6)	yes	char(6)	yes	NULL

### rlr Vendor

#### Column Add

Column Name	Description	Oracle Datatype	Oracle Allow Null	Sybase Datatype	Sybase Allow Null	Initial Value
vtx_taid_s	Vertex tax area id	CHAR(10)	yes	char(10)	yes	NULL
cnty_s	County	VARCHAR2(60)	yes	char(60)	yes	NULL
d_lup_s	Date of last update	DATE	yes	datetime	yes	NULL
t_lup_s	Time of last update	CHAR(6)	yes	char(6)	yes	NULL

### rlsb Lease 3

#### Column Add

Column Name	Description	Oracle Datatype	Oracle Allow Null	Sybase Datatype	Sybase Allow Null	Initial Value
vtx_o_c	Use Vertex O (Y/N/NULL) Y - Vertex O is used N or NULL - Vertex O is not used	CHAR(1)	yes	char(1)	yes	NULL

### rou Addresses for Asset

#### NEW TABLE

#### Table Add

Table Name	Description
rou	Addresses for Asset

### rpay Portfolio 2

#### Column Add

Column Name	Description	Oracle Datatype	Oracle Allow Null	Sybase Datatype	Sybase Allow Null	Initial Value
vtx_o_c	Use Vertex O (Y/N/NULL) Y - Vertex O is used N or NULL - Vertex O is not used	CHAR(1)	yes	char(1)	yes	'N'
pmt_rsc_assmt_code_s	Payment reschedule assessment code (ASM.TYP.L code)	CHAR(4)	yes	char(4)	yes	'PEXT'



pxt_assmt_code_s	Payment extension assessment code (ASM.TYP.L code)	CHAR(4)	yes	char(4)	yes	'PEXT'
lxt_assmt_code_s	Lease extension assessment code (ASM.TYP.L code)	CHAR(4)	yes	char(4)	yes	'LEXT'
due_assmt_code_s	Payment due day change assessment code (ASM.TYP.L code)	CHAR(4)	yes	char(4)	yes	'PEXT'

### rpe Post-Delete Processing

#### NEW TABLE

#### Table Add

Table Name	Description
rpe	Post-Delete Processing

### rph Payment History

#### Column Add

Column Name	Description	Oracle Datatype	Oracle Allow Null	Sybase Datatype	Sybase Allow Null	Initial Value
chk_num_s	Check number	CHAR(10)	yes	char(10)	yes	NULL

### rpw Password History

#### Column Change

Column Name	Description	Old Oracle Datatype	Old Oracle Allow Null	Old Sybase Datatype	Old Sybase Allow Null	New Oracle Datatype	New Oracle Allow Null	New Sybase Datatype	New Sybase Allow Null
pwd_s	Password	CHAR(8)	yes	char(8)	yes	CHAR(12)	yes	char(12)	yes

### rrr Reschedule Reversal

#### Column Add

Column Name	Description	Oracle Datatype	Oracle Allow Null	Sybase Datatype	Sybase Allow Null	Initial Value
drr_flg_c	DRR version flag (1/2) 1 - old style 2 - new style	CHAR(1)	yes	char(1)	yes	'1'

### rsa Sales Tax on Assessment

#### Index Change

Index Name	Old Pieces	New Pieces
rsa_idx0	por_s st_s rsa_code_s	por_s assmt_tax_cls_s st_s rsa_code_s

#### Column Add

Column Name	Description	Oracle Datatype	Oracle Allow Null	Sybase Datatype	Sybase Allow Null	Initial Value
assmt_tax_cls_s	Assessment tax class (ASM.TAXCLS code)	CHAR(4)	no	char(4)	no	'NONE'

### rtf Transaction Fee for Reversal

#### NEW TABLE

#### Table Add

Table Name	Description
rtf	Transaction Fee for Reversal

### rtp Tax Payable

#### Column Add

Column Name	Description	Oracle Datatype	Oracle Allow Null	Sybase Datatype	Sybase Allow Null	Initial Value
cnty_s	County	VARCHAR2(60)	yes	char(60)	yes	NULL
cty_s	City	VARCHAR2(25)	yes	char(25)	yes	NULL

### rtr Tax Released

#### Column Add

Column Name	Description	Oracle Datatype	Oracle Allow Null	Sybase Datatype	Sybase Allow Null	Initial Value
cnty_s	County	VARCHAR2(60)	yes	char(60)	yes	NULL
cty_s	City	VARCHAR2(25)	yes	char(25)	yes	NULL

### rvg Vertex Custom General

#### NEW TABLE

#### Table Add

Table Name	Description
rvg	Vertex Custom General

#### Column Add

Column Name	Description	Oracle Datatype	Oracle Allow Null	Sybase Datatype	Sybase Allow Null	Initial Value
ffc_ascd_l	Reserve indicated flexible character field for ASCD information	NUMBER(10)	yes	integer	yes	25
orig_ffc01_s	Origin code for Vertex flexible character field 1 (VTX.FFC code)	CHAR(4)	yes	char(4)	yes	NULL
orig_ffc02_s	Origin code for Vertex flexible character field 2 (VTX.FFC code)	CHAR(4)	yes	char(4)	yes	NULL
orig_ffc03_s	Origin code for Vertex flexible character field 3 (VTX.FFC code)	CHAR(4)	yes	char(4)	yes	NULL
orig_ffc04_s	Origin code for Vertex flexible character field 4 (VTX.FFC code)	CHAR(4)	yes	char(4)	yes	NULL
orig_ffc05_s	Origin code for Vertex flexible character field 5 (VTX.FFC code)	CHAR(4)	yes	char(4)	yes	NULL
orig_ffc06_s	Origin code for Vertex flexible character field 6 (VTX.FFC code)	CHAR(4)	yes	char(4)	yes	NULL
orig_ffc07_s	Origin code for Vertex flexible character field 7 (VTX.FFC code)	CHAR(4)	yes	char(4)	yes	NULL
orig_ffc08_s	Origin code for Vertex flexible character field 8 (VTX.FFC code)	CHAR(4)	yes	char(4)	yes	NULL
orig_ffc09_s	Origin code for Vertex flexible character field 9 (VTX.FFC code)	CHAR(4)	yes	char(4)	yes	NULL
orig_ffc10_s	Origin code for Vertex flexible character field 10 (VTX.FFC code)	CHAR(4)	yes	char(4)	yes	NULL
orig_ffc11_s	Origin code for Vertex flexible character field 11 (VTX.FFC code)	CHAR(4)	yes	char(4)	yes	NULL
orig_ffc12_s	Origin code for Vertex flexible character field 12	CHAR(4)	yes	char(4)	yes	NULL

	(VTX.FFC code)					
orig_ffc13_s	Origin code for Vertex flexible character field 13 (VTX.FFC code)	CHAR(4)	yes	char(4)	yes	NULL
orig_ffc14_s	Origin code for Vertex flexible character field 14 (VTX.FFC code)	CHAR(4)	yes	char(4)	yes	NULL
orig_ffc15_s	Origin code for Vertex flexible character field 15 (VTX.FFC code)	CHAR(4)	yes	char(4)	yes	NULL
orig_ffc16_s	Origin code for Vertex flexible character field 16 (VTX.FFC code)	CHAR(4)	yes	char(4)	yes	NULL
orig_ffc17_s	Origin code for Vertex flexible character field 17 (VTX.FFC code)	CHAR(4)	yes	char(4)	yes	NULL
orig_ffc18_s	Origin code for Vertex flexible character field 18 (VTX.FFC code)	CHAR(4)	yes	char(4)	yes	NULL
orig_ffc19_s	Origin code for Vertex flexible character field 19 (VTX.FFC code)	CHAR(4)	yes	char(4)	yes	NULL
orig_ffc20_s	Origin code for Vertex flexible character field 20 (VTX.FFC code)	CHAR(4)	yes	char(4)	yes	NULL
orig_ffc21_s	Origin code for Vertex flexible character field 21 (VTX.FFC code)	CHAR(4)	yes	char(4)	yes	NULL
orig_ffc22_s	Origin code for Vertex flexible character field 22 (VTX.FFC code)	CHAR(4)	yes	char(4)	yes	NULL
orig_ffc23_s	Origin code for Vertex flexible character field 23 (VTX.FFC code)	CHAR(4)	yes	char(4)	yes	NULL
orig_ffc24_s	Origin code for Vertex flexible character field 24 (VTX.FFC code)	CHAR(4)	yes	char(4)	yes	NULL
orig_ffc25_s	Origin code for Vertex flexible character field 25 (VTX.FFC code)	CHAR(4)	yes	char(4)	yes	NULL
orig_ffn01_s	Origin code for Vertex flexible numeric field 1 (VTX.FFN code)	CHAR(4)	yes	char(4)	yes	NULL
orig_ffn02_s	Origin code for Vertex flexible numeric field 2 (VTX.FFN code)	CHAR(4)	yes	char(4)	yes	NULL
orig_ffn03_s	Origin code for Vertex flexible numeric field 3 (VTX.FFN code)	CHAR(4)	yes	char(4)	yes	NULL
orig_ffn04_s	Origin code for Vertex flexible numeric field 4 (VTX.FFN code)	CHAR(4)	yes	char(4)	yes	NULL
orig_ffn05_s	Origin code for Vertex flexible numeric field 5 (VTX.FFN code)	CHAR(4)	yes	char(4)	yes	NULL
orig_ffd01_s	Origin code for Vertex flexible date field 1 (VTX.FFD code)	CHAR(4)	yes	char(4)	yes	NULL
orig_ffd02_s	Origin code for Vertex flexible date field 2 (VTX.FFD code)	CHAR(4)	yes	char(4)	yes	NULL
orig_ffd03_s	Origin code for Vertex flexible date field 3 (VTX.FFD code)	CHAR(4)	yes	char(4)	yes	NULL
orig_ffd04_s	Origin code for Vertex flexible date field 4 (VTX.FFD code)	CHAR(4)	yes	char(4)	yes	NULL

orig_ffd05_s	Origin code for Vertex flexible date field 5 (VTX.FFD code)	CHAR(4)	yes	char(4)	yes	NULL
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## rvh Historical Vertex O Submission

### NEW TABLE

#### Table Add

Table Name	Description
rvh	Historical Vertex O Submission

## rvi Vertex O Lease Invoice Parameters

### NEW TABLE

#### Table Add

Table Name	Description
rvi	Vertex O Lease Invoice Parameters

## rvp Vertex O Tax Payable

### NEW TABLE

#### Table Add

Table Name	Description
rvp	Vertex O Tax Payable

## rvr Vertex O Tax Result

### NEW TABLE

#### Table Add

Table Name	Description
rvr	Vertex O Tax Result

## rvs Vertex O Submission

### NEW TABLE

#### Table Add

Table Name	Description
rvs	Vertex O Submission

## rvu Vertex O Invoice Parameters

### NEW TABLE

#### Table Add

Table Name	Description
rvu	Vertex O Invoice Parameters

## rvuf Vertex O Invoice Flexible Fields

### NEW TABLE

#### Table Add

Table Name	Description
rvuf	Vertex O Invoice Flexible Fields

## rvx Vertex O Transaction

**NEW TABLE****Table Add**

Table Name	Description
rvx	Vertex O Transaction

**rwh Vertex O Asset Level Transaction History****NEW TABLE****Table Add**

Table Name	Description
rwh	Vertex O Asset Level Transaction History

**rwp Vertex O Asset Level Invoice Parameters****NEW TABLE****Table Add**

Table Name	Description
rwp	Vertex O Asset Level Invoice Parameters

**rwpf Vertex O Asset Level Unit Invoice Flexible Fields****NEW TABLE****Table Add**

Table Name	Description
rwpf	Vertex O Asset Level Unit Invoice Flexible Fields

**rwr Vertex O Asset Level Tax Result****NEW TABLE****Table Add**

Table Name	Description
rwr	Vertex O Asset Level Tax Result

**rws Vertex O Asset Level Submission****NEW TABLE****Table Add**

Table Name	Description
rws	Vertex O Asset Level Submission

**rxw Vertex O Asset Level Transaction****NEW TABLE****Table Add**

Table Name	Description
rxw	Vertex O Asset Level Transaction

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