

Contents

General Settings

Working With Archives:

- Defining Archives
- Archive Positioning
- Closing Archives
- Create History Archive Based on Date Range

Global Settings:

- Configuring Global Settings
- Configuring Multi-Media Attachments

Working With Users:

- Defining Users
- Defining Access Control Lists (ACL)
- Managing A Session
- Defining Languages

Line Printer Daemon:

- LaserVault Line Printer Daemon

FTP Daemon:

- LaserVault FTP Daemon

LaserVault Universal Server Print Spooler:

- Print Spooler Configuration

Global Indexing:

- Global Indexes
- Configuring LVWX
- Building Indexes

Working With AFP Reports:

- Working With Advanced Function Printing Reports

 **Download Commands** **AS/400 Commands:**


- Installing AS/400 Library
- LVUS Operator Menu
- Download Procedures
- Working With 400 Defaults
- AS/400 Sample CL

 **FTP Commands:**

- FTP Processing

 **Replist Editor**

- Replist Editor
- Replist Definitions

 **LaserVault Overlay Editor**

- Adding Multiple Overlays
- Drawing Shape Objects
- Adding Picture Objects
- Adding Text Objects
- Editing Objects
- Opening A Report
- Opening An Overlay
- Saving An Overlay
- Preferences
- Page Setup
- Report Font

 **Frequently Asked Questions**

- FAQ

 **Electronic Storage Corporation**

- Company Mission



LaserVault Universal Suite
Administrative Functions
Ver. # 3.004

LaserVault Universal Server Ver.# 2.74
Line Printer Daemon Ver.# 3.16
FTP Damon Ver.# 1.15
Print Spooler Ver. # 1.54
Global Indexes Ver. # 2.01
Replis Editor Ver.# 2.01
Overlay Editor Ver.# 2.02

For Technical Support on this Product email our support staff: support@elstore.com.

Defining Archives

The first time you start the Universal Server, you will get a message stating that no Archives are setup. You will then see the configuration screen below.



Pressing "Add Archive" allows you to define a new archive. Changes can be made to an existing archive by selecting "Edit Archive". Below is the archive definition screen.

OptiPath:	C:\Archive1	Archive ID	ARC1-1
Archive Description:	Archive 1	Queue Name:	ARC1
Archive Password:		Reserve Size:	15
BasePath:	C:\Today1	<input type="checkbox"/> Don't Display Today	
Xref Path:	C:\Xarc1	<input checked="" type="checkbox"/> Auto Backup After update	
Backup Path:	D:\Archive1	<input checked="" type="checkbox"/> Build Report Xref	
Overlay Path:	C:\Overlay	BuildXindex:	CDTB INV301
Pre-Index Program:	C:\Preidx.bat	Create Directories	
Post-Index Program:	C:\Postidx.bat	<input type="button" value="OK"/>	<input type="button" value="Cancel"/>
Post-Update Program:	C:\Postupd.bat		
Backup Program:	LYBACKUP #OPTIPATH #BACKUPPATH		

Required Settings:

The only required settings are OptiPath, Archive Description, and ArchiveID. If you are going to download reports to an archive, then you must enter a Basepath and Queue Name.

Optipath:

The Optipath specifies where report data is archived to. Reports are stored in date subdirectories in the optipath.

Example: C:\Archive1

Archive Description:

This is what the end user sees when a list of archives is displayed.

Example: Current Daily Reports

Archive Password:

If you wish to password protect an archive, enter the password in this field. For more advanced security see:

Defining Access Control List

BasePath:

This defines where reports will be placed when they are downloaded. The base path is a temporary storage location for reports before they are archived. If Index keys are defined, they will be built while the reports are in the basepath.

Example: C:\Today1

Overlay Path:

This defines where the overlay is stored for this Archive.

Example: C:\Overlay

Backup Path:

This defines where LaserVault Universal Server will backup the current Archive Reports to. We recommend that you backup to a different drive than your optipath. Also try to keep the same directory structure.

Example D:\Archive1

XrefPath:

This defines where cross reference information will be stored for the current archive.

Example: C:\Xarc1

Pre-Index Program:

This specifies the program or batch file to run prior to indexing.

Example: C:\Preidx.bat

Post-Index Program:

This specifies the program or batch file to run after indexing.

Example: XCOPY #BASEPATH*. * C:\TODAYSAV

Post-Update Program:

This specifies a program to be run after updating.

Example: C:\POSTUPD.BAT

Backup Program:

This specifies the program to run for backing up the archive. In most cases, you will want to use LVBACKUP.EXE which is provided with LaserVault.

Example: LVBACKUP #OPTIPATH #BACKUPPATH #WORKPATH

Program Variables:

When specifying Pre-Index, Post-Index, Post-Update, or Backup Programs, you can use the following variables:

#BASEPATH - Current archive basepath.

#OPTIPATH - Current archive optipath

#BACKUPPATH - Current archive backup path.

#WORKPATH - LVUS work path.

#ARCNUM - Archive number.

#ARCDATE - The archive date being updated to in the form of DYYMMDD or EYYMMDD (for Y2K dates.) This option is only valid for Post-Update Program.

Archive ID:

This defines a unique archive identifier. This is required for notes, global indexes, and multi-media attachments. The archive ID allows the software to locate a set of report data even if it's physical location has been changed. No two archives can have the same archive ID.

Example: ARC1-1

Queue Name:

This field is used by the LVLPD and LVFTP for downloads. When downloading from a host using the LVLPROUTQ or LPR function, you must specify a destination print queue name. This is where that name is defined.

Example: ARC1

Build Report Xref:

Checking this option will build report cross references. This option allows a user to select a report and see which dates that report can be found in.

BuildXindex:

If you wish to build Key Cross References, you specify the 8 character DOS names of the reports in this field. Key Cross References allow a user to do a search for a value across multiple dates. For example, you're looking for a credit card number but don't know what date the value might occur on. Up to 25 reports per archive can be key cross referenced.

Example: CDTB, INV301

Don't Display Today:

Reports in the Basepath show up on the users menu under "Today". If you don't want the users to be able to access reports while they are in the basepath, then check this option.

Automatically Backup After Download:

Selecting this option tells LaserVault to automatically start the backup procedure when "LVPRCRPT" is run on the host. This option is only valid when using LVLPD.

When finished defining an archive, press OK to save.

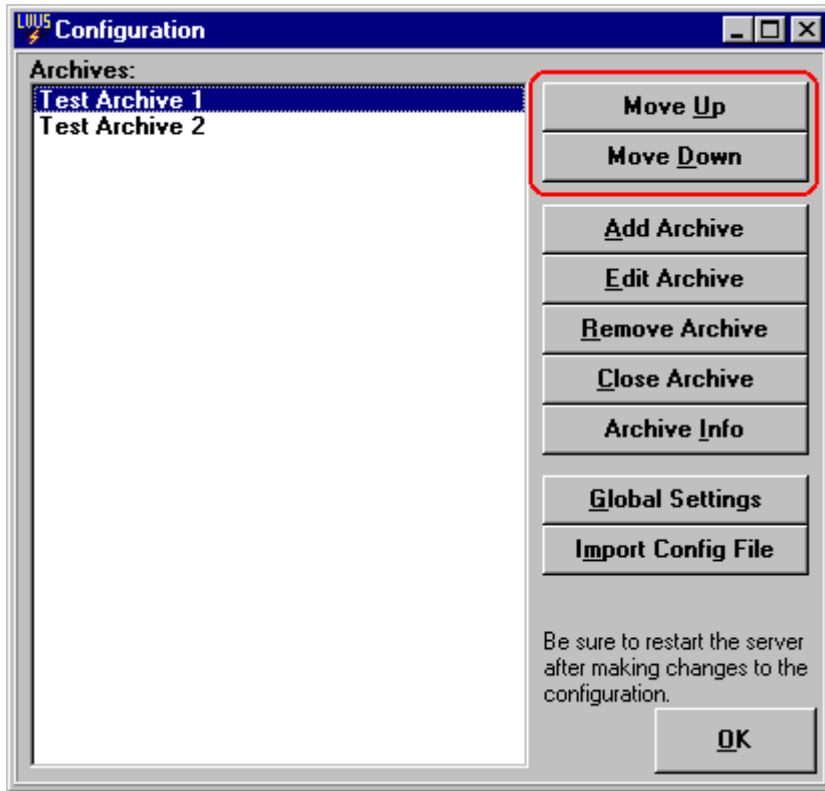
Contents

Archive Positioning

Archives are positioned in numerical order as they are added. This is the order in which they will be displayed to the end user. If you wish to move an archive's position, use the "Move Up" and "Move Down" buttons.

Be careful. Access Control Lists refer to archives by position. Moving an archive can change what an end user has access to. Consider this example. Archive 1 is "General Reports" and Archive 2 is "Payroll Reports". User John has been given access to General Reports only (arc 1). If you move "Payroll Reports" to the top, then John will now have access to "Payroll Reports" since his ACL specifies Archive 1.

A future release of the software will have an option to automatically update the ACL files when an archive position is changed. For now, you must do it manually by editing the ACL.



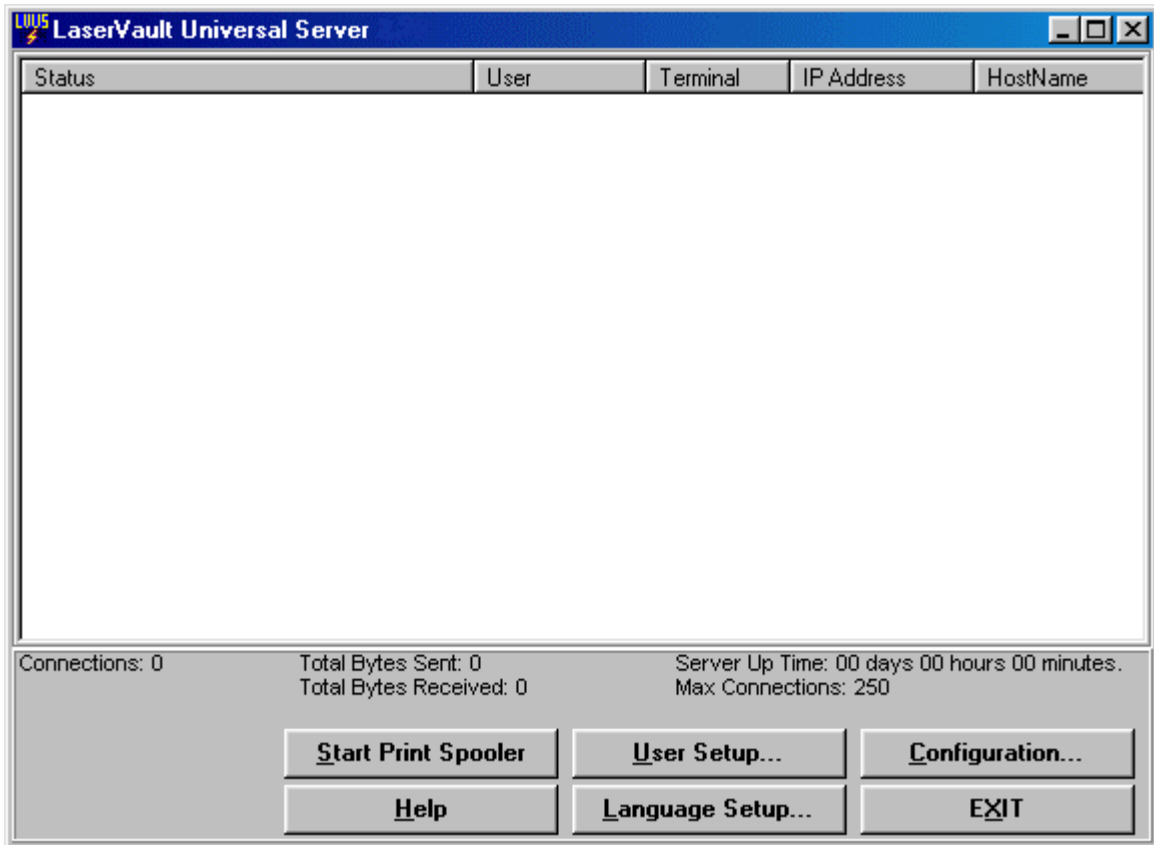
Contents

Closing Archives

To close an Archive out and make it a Historical Archive follow these simple steps.

Step 1:

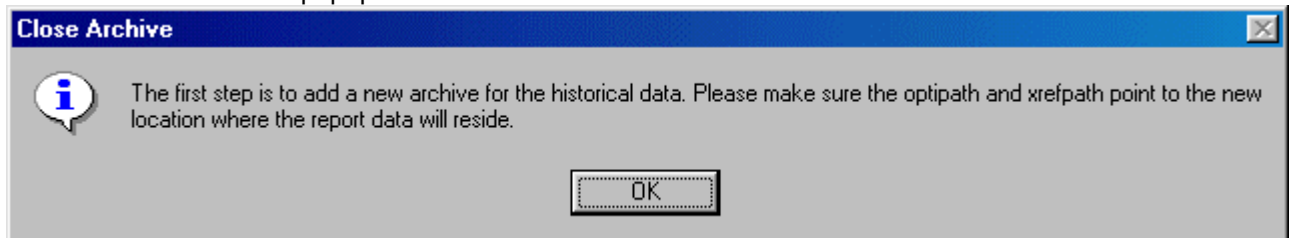
Click on "Conifuration" Button in LVUS.

**Step 2:**

Highlight the Archive Description that you would like to close out and then select "Close Archive" Button.

**Step 3:**

A Close Archive Box will popup. Follow the instructions.

**Step 4:**

Select "OK" Button and then make any necessary changes to the optipath and xrefpath statement. You can also change the Archive Description. Once you have entered in the necessary data and verified the information select the "OK" Button.

Add Historical Archive

OptiPath: C:\hist\Archive2

Archive ID: ARC1-2

Archive Description: Archive History 01/01/00

Queue Name: ARC1

Archive Password:

Reserve Size: 0

BasePath:

Don't Display Today

Auto Backup After update

Xref Path: C:\hist\Xarc1

Build Report Xref

Backup Path:

BuildIndex:

Overlay Path:

Pre-Index Program:

Post-Index Program:

Post-Update Program:

Backup Program:

Create Directories

OK Cancel

Step 5:

You will be prompted that the new archive was successfully added. It will ask you if you would like to copy the data from the existing Archive to the new Archive.

Configuration

Archives:

Archive 1

Archive History 01/01/00

Move Up

Move Down

Add Archive

Edit Archive

Remove Archive

Close Archive.

New Archive Successfully Added!
Would you like to copy the data from C:\Archive1 to C:\hist\Archive2

Yes No

Export Config File

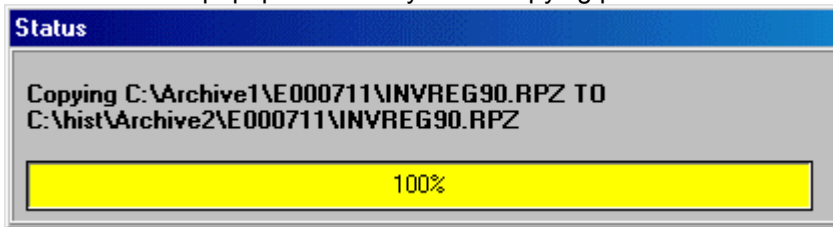
Be sure to restart the server after making changes to the configuration.

OK

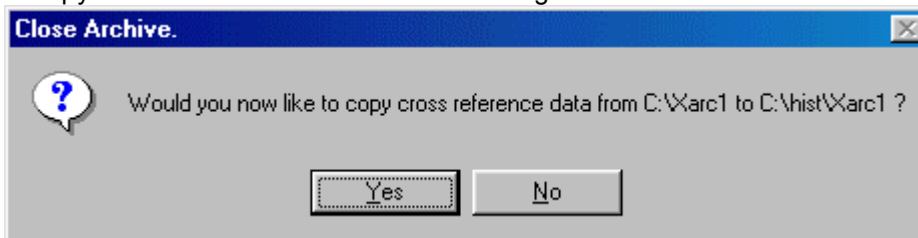
Click on the "Yes" Button if you would like to do this.

Step 6:

A status box will popup and show you the copying process.

**Step 7:**

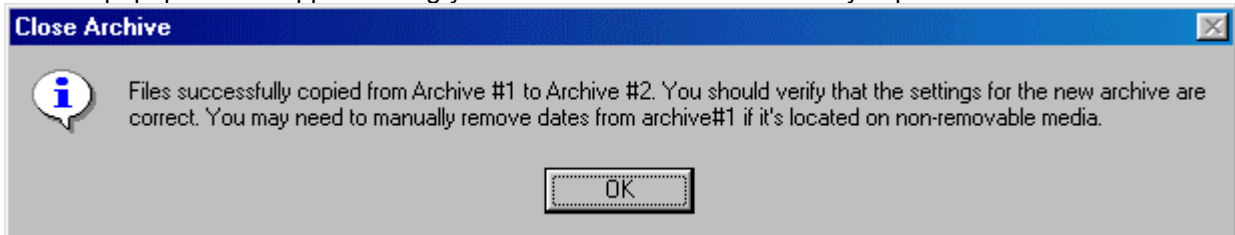
Once the copying process has completed another popup box will appear asking if you would like to copy the cross reference data from existing Archive to New Archive.



Click on the "Yes" Button if you would like to do this.

Step 8:

Another popup box will appear telling you that the files were successfully copied.



Click on the "OK" Button and you will see your new archive added to the Configuration.

Note:

You will need to restart the LVUS program and modify any ACL files for end user access.

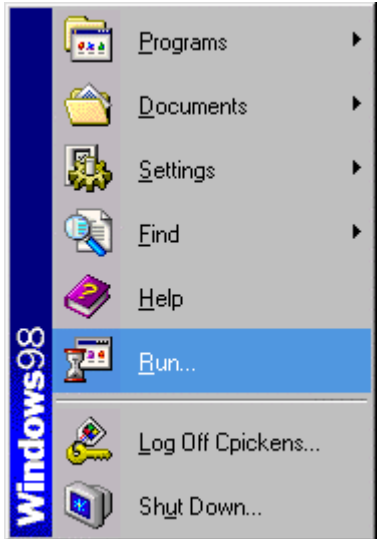
Contents

Create History Archive Based on Date Range

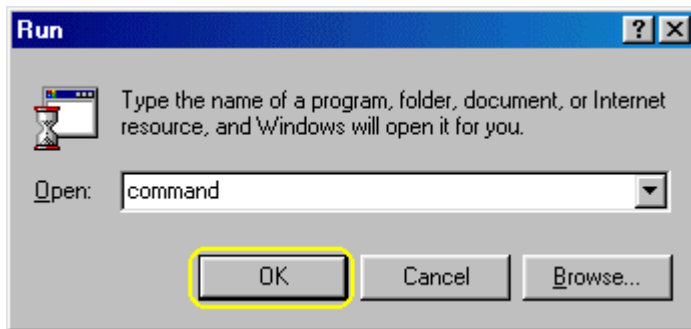
If you are wanting to create a Historical CD for viewing from a larger media type then these are the steps you should follow.

Step 1:

From the start button choose the "Run" command.



Type in the word "command" and press the okay button.



Now you should be in a dos prompt at c:\windows\desktop. Type in "cd\progra~1\lvus", which will change the current directory to the c:\progra~1\lvus.

Step 2:

From c:\progra~1\lvus prompt, type in lvbackup and hit enter. This should prompt you, and want the parameters to be entered. This will also show you a example of how the command works.

```

Microsoft(R) Windows 98
(C)Copyright Microsoft Corp 1981-1999.

C:\WINDOWS\Desktop>cd\progra~1\lvus

C:\Program Files\LVUS>lvbackup
LVUSBAK Version 1.8 (Build 20000714)

BACKS UP A LASERVAULT OPTICAL ARCHIVE.

USAGE: LVUSBAK OPTIPATH BACKUPPATH [WORKPATH] [/DYMMDD-YMMDD]
IE:    LVUSBAK D:\ARCHIVE1 E:\ARCHIVE1
IE:    LVUSBAK D:\ARCHIVE1 D:\ARCHIVE1 C:\LVWORK

THIS ONLY BACKS UP THE FOLLOWING FILE SPECS: '*_R*' AND 'REP*.'
IN SUBDIRECTORIES THAT BEGIN WITH THE LETTERS 'D' AND 'E'

C:\Program Files\LVUS>

```

As you can see you have the ability to specify a date range backup as well. This would be helpful if you are wanting to move one years worth of reports of to another media storage. For example, if I type **LVBACKUP D:\ARCHIVE1 E:\ARCHIVE1 C:\LVWORK /D000101-001231**, this would take all dates from January 1, 2000 to December 31, 2000 from D:\ARCHIVE1 and backup them up to E:\ARCHIVE1.

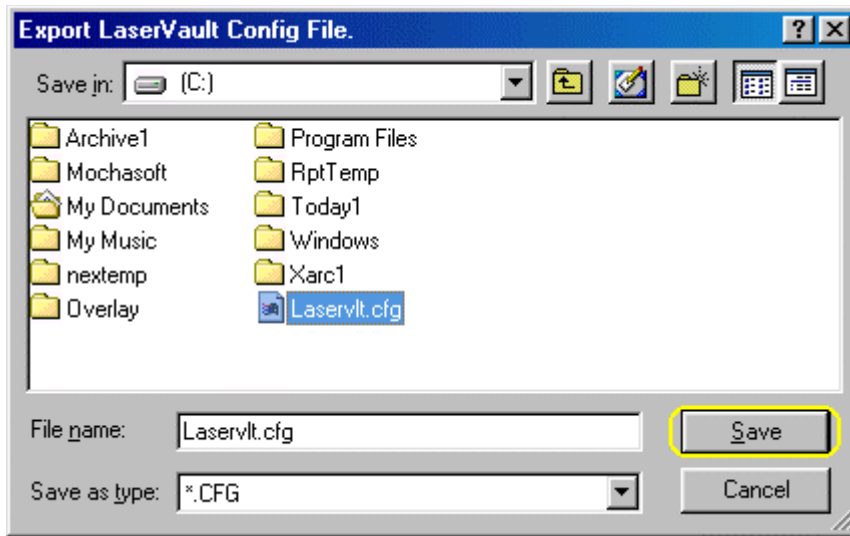
Note: You must have the directory that you are backing up to created.

Step 3:

Once you have ran backup to a new media storage and you would like to add the History Archive to LVUS please see Defining Archives. Make sure that you add the directory for xrefpath and hit "Create Directories" button. Once the new archive has been added, count from top to bottom to you are on the new archive. Make note of the number. You will use this in the next step.

Step 4:

You will need to export the the LVUS configuration file so that you can rebuild xarc directory. Do this by pressing "Configuration" button on LVUS and then you will see a button called "Export Config File". Press this button and a Export LaserVault Config File box will open and default to the root of c:\ drive. Press save.



Once the laservlt.cfg file has been saved you need to get to a dos prompt again and change directories to c:\>. From there type in **LV 3 /xref**. This will rebuild your cross references. When this operation has been completed you will need to run **LV 3 /allxi**. This will rebuild any cross indexes that you might have setup on this archive.

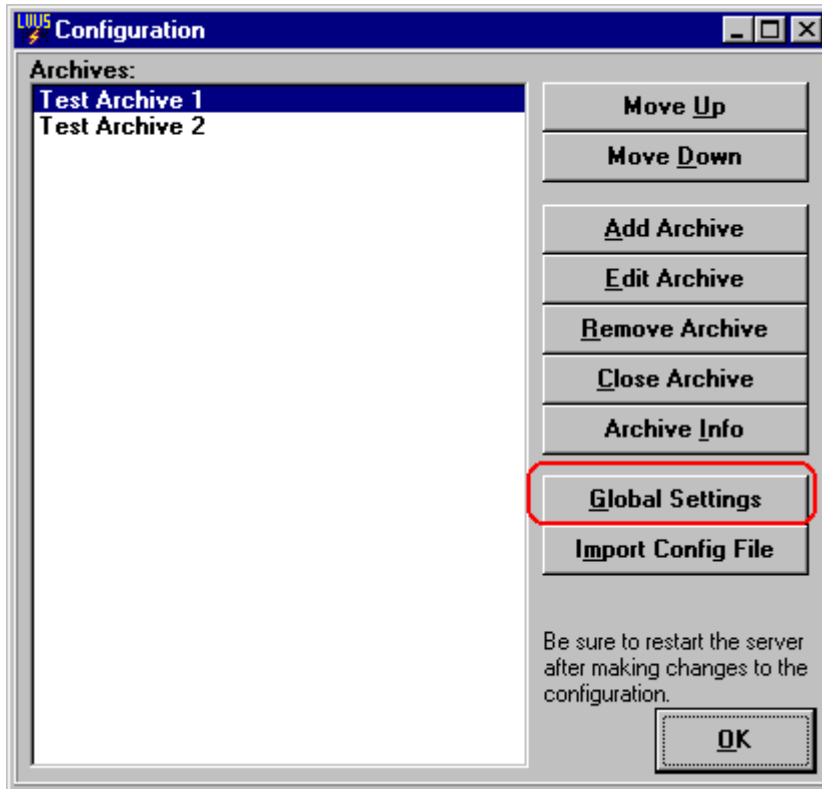
Note: The number 3 in the previous commands will need to be the number of the archive you just added.

Step 5:

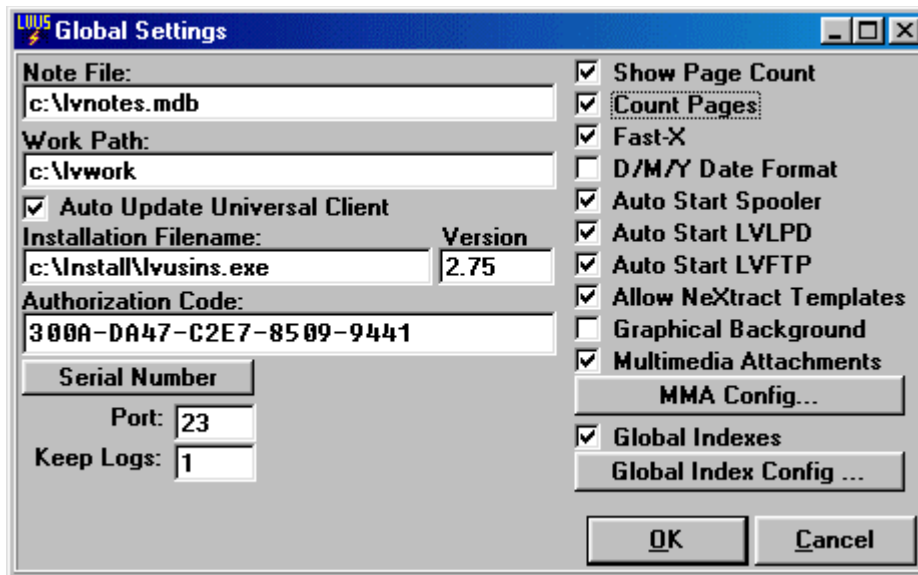
Now that you have created your new history archive and rebuilt any cross indexes and cross references you should sign on with LaserVault Client and verify that you can access the dates, cross references, and any cross indexes. If you cannot access the new archive or if it isn't showing up, you will need to see if you have a ACL associated with your username. If so you will need to modify the Access Control List. Try the this step again and if you are still having problems please call our Technical Support Staff.

Global Settings

Some configuration settings apply to all archives or to the server itself. To access these settings, on the configuration screen, press Global Settings.



The following screen will be displayed.



NoteFile:

This specifies the name of the file where text notes are saved.

Example: C:\LVNOTES.MDB

Overlay Path:

This specifies the path where graphical forms overlays are stored.

Example: C:\Overlay

Work Path:

Specifies a temporary path for LaserVault to use while indexing.

Example: C:\Lvwork

Auto Update Universal Client:

This option allows you to update windows clients more easily. Say for instance, that all your users are using LaserVault Universal Client version 2.74 and you want to update them to 2.75.

To do this, simply turn this option on, specify the path to the new install file, and enter the new version # (the version you are updating to). The next time a user logs on they will see a message indicating that they need an update if their client version is different from what is specified in this field.

Authorization Code:

You will need to register the server with Electronic Storage Corporation before you will be able to log in. To get an authorization code, press the "Serial Number" button. Contact Electronic Storage Corp at 800-444-6283 or send an e-mail to register@elstore.com with your company name, phone number and contact. And Serial Number in Subject Line.

Port:

This specifies the port that the server answers on. 23 (telnet) is the default.

Keep Logs:

This tells LVUS how many days to keep it's log files. In the directory where the server is installed, you will find sub-directories called LVUSLOGS, LPDLOGS, and FTPLOGS.

Show Page Count:

If this option is checked, the # of pages will be added to the report description when the report gets indexed.

Faxt X:

Checking this option, causes LaserVault to update cross reference information only for the date being archived. If this option is unchecked, LaserVault will re-build the entire cross reference each time an update is performed.

DMY Date Format:

Causes LaserVault to display dates in the dd-mm-yyyy format rather than mm-dd-yyyy.

Auto Start Spooler:

This tells LVUS to automatically start the print spooler when starting.

Auto Start LVLPD:

Tells LVUS to automatically start LVLPD when starting.

Auto Start LVFTP:

Tells LVUS to automatically start LVFTP when starting.

Multi-Media Attachments:

Checking this option, enables Multi-Media Attachments. Multi-Media Attachments allow a user to attach any type of file to a page of a report. For more info see:

Configuring Multi-Media Attachments

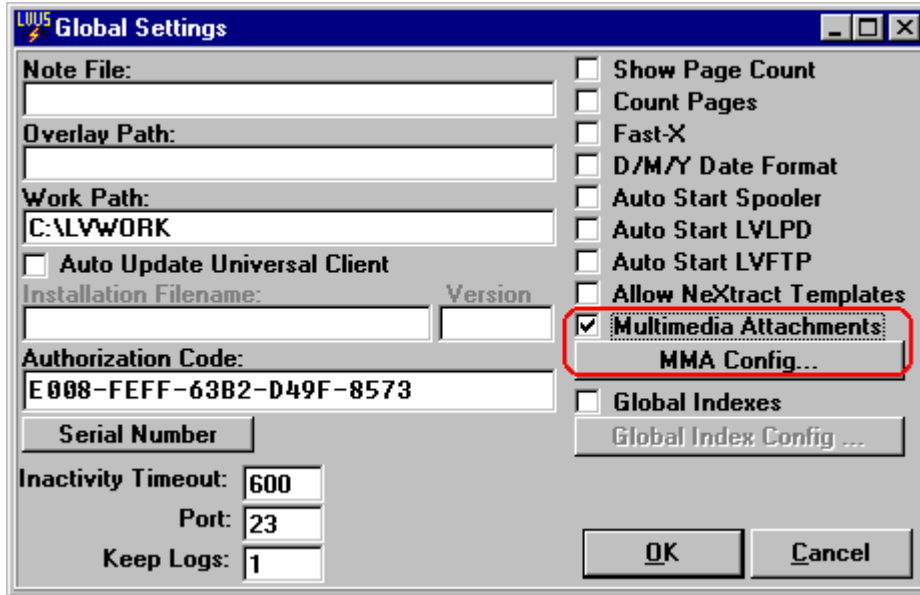
Global Indexes:

Checking this option enables global indexes. Press the "Global Index Config" button to start the Global Index Generator in Config Mode.

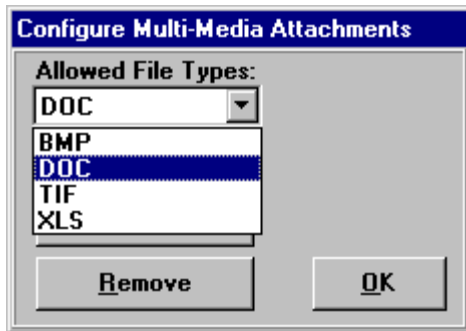
Contents

Configuring Multi-Media Attachments

To configure multi-media attachments, check the multi-media attachments option and press "MMA Config..."



From this screen, you define what types of files the end user is allowed to attach.



Type in a 3 or 4 letter extension (JPG, AVI, DOC,HTML, etc) and press add.

Contents

Global Indexes Ver. # 2.01

Global Indexes (LVWX) is a global index generator for LaserVault. It can generate indexes across multiple dates, reports, and archives. Any key with the same name can be combined into a single index regardless of which report or archive it appears in.

Configuring LVWX

Building Indexes

Command line summary:

/CONFIG Displays the config screen

/ALLINDEX Re-creates the entire index file

/A:ArcID (NoteKey) Specify the archive to process.

/D:YYMMDD Specify a date to process.

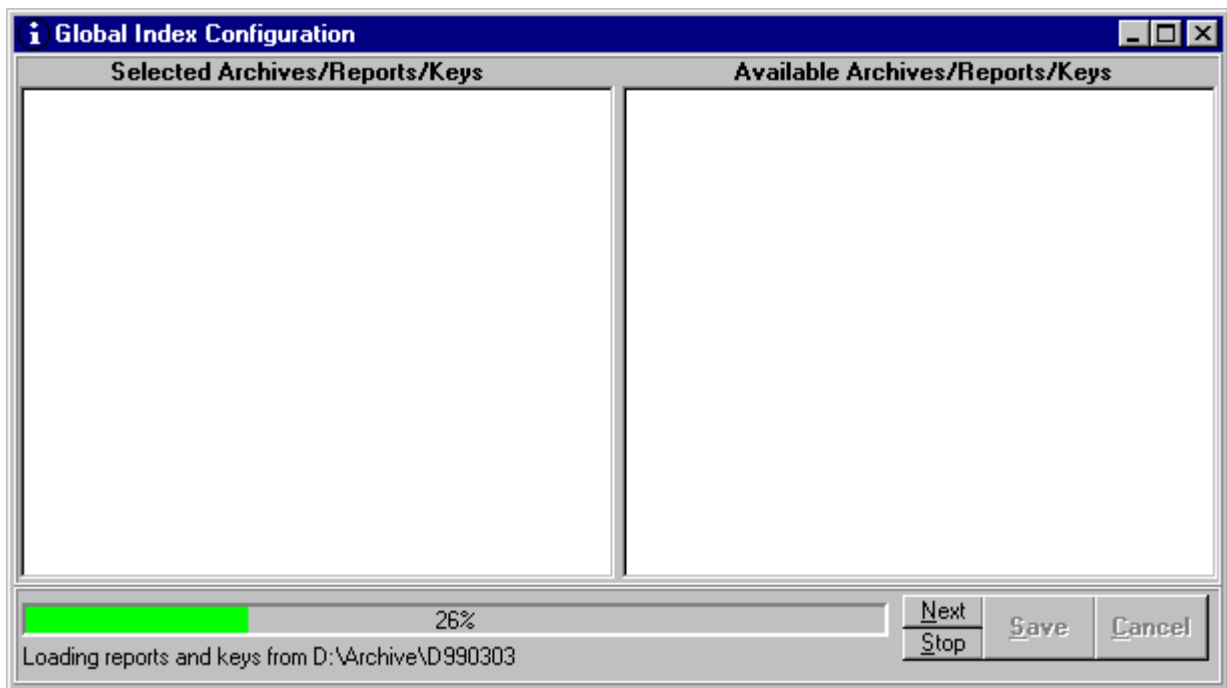
Contents

Configuring LVWX

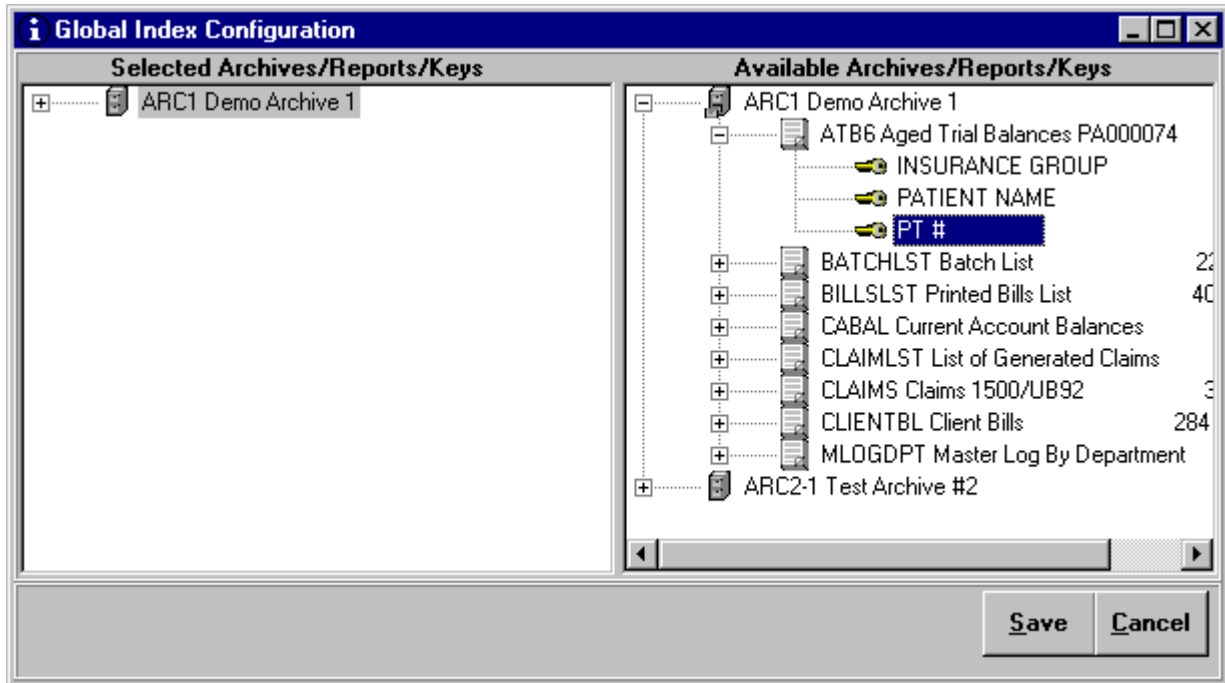
To configure LVWX, simply run LVWX /CONFIG.

LVWX will start reading all the archives to gather archive,report, and key choices.

To stop the archive scanning, press the Stop button. To skip the current archive and move on to the next, press the Next button.



After the key information is loaded, any saved settings will be loaded. To add an archive simply drag and drop the archive from the "Available" side to the "Selected" side. Do the same for each report and key you want added to the index. To delete an archive, report, or key, click on it on the selected side and press the delete key. Keys that appear in more than one report in the "Available" list will be colored gold rather than grey.



Press save to save the current setup.

The Global indexing will not take effect until you process your reports again. If you want the changes to take effect immediately, you can do so from a dos prompt. Once you have defined which archives, reports, and keys you want to index, simply run LVWX with /ALLXI and the indexes will be built. Example: From a DOS Prompt type LVWX /ALLXI

Contents

Building Indexes

Indexes are automatically rebuilt every time you process reports. If you want to immediately rebuild your indexes you can follow these steps.

Once you have defined which archives, reports, and keys you want to index, simply run LVWX with /ALLINDEX and the indexes will be built.

If you only want to add a date to the index, specify the archive ID and date on the command line.

```
LVWX /A:Arc1 /D:990629
```

Command line summary:

/CONFIG Displays the config screen

/ALLINDEX re-creates the entire index file

/A: ArcID (NoteKey) Specify the archive to process.

/D:YYMMDD Specify a date to process.

YYMMDD specifies a date

Contents

Working With Users

Adding Users:

To add a user, press the "User Setup Button" on the main screen. You will see the User Setup Screen.

Add a user name and password. If you don't specify an ACL file *Default will be selected automatically.

- Language - Users logging in via telnet can have their screen prompts displayed in an alternate language. Select that language here.
 - User Can Change Password - Allows the user to change his password.
 - User Can Print - Allows user to submit print jobs when logged in via a telnet session. This has no effect on Windows Clients since they print to their local printers.
 - User Can E-Mail - Allows a user to select the e-mail printer when logged in via telnet.
 - User Can View Other Sessions - Allows a user to watch or control another session. This is useful for training mode. (telnet only)
 - Administrator - Gives a user administrator access. User can access the admin menu, change print jobs, remove and change multi-media attachments etc.
 - Account Disabled - Checking this option will effectively lock this user out of the system.
- Press the Add button to add the user.

Changing A User:

To change a user, select the user's name from the list, make the desired changes and press update.

Removing A User:

To remove a user, select the user's name from the list and press delete.
Managing A Session

***Default And *None ACL Entries:**

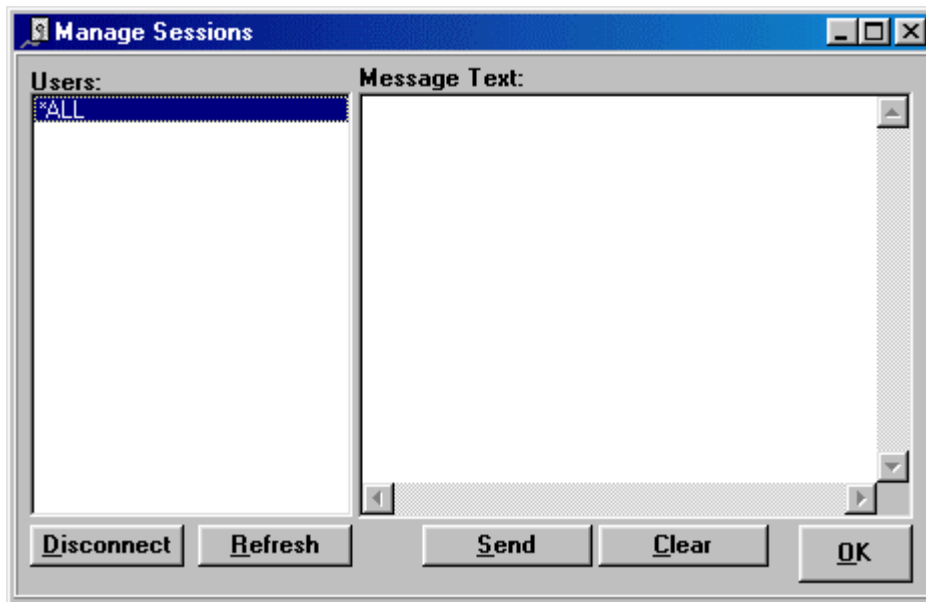
If you don't specify an ACL, then *Default is used. The *Default ACL is normally blank, but you can edit it in the "Manage ACL's" screen. If you select *None, then the user will have access to all archives and all reports.

Manage ACLS

Contents

Managing A Session

You can Manage A Users Session by double clicking on the LVUS program screen. A Manage Session box will appear. This will give you the ability to send a message to individual users or all users. You can also disconnect a user.



Note:

Disconnecting a user or users will allow the user or users to log back into LVUS at anytime. If you want to remove the user or users you will need to Work With Users.

Contents

Defining Access Control Lists

To define an access control list, press the "Manage ACL's" button on the user setup screen.

User Setup...

Users:

User

User Name: User

Pass Word: *****

Confirm Pass Word: *****

User ACL File: *NONE

Add ACL Remove ACL

Language: English

User can change password.
 User can print.
 User can e-mail.
 User can view other sessions.
 Administrator

Add Update Remove OK

The "Manage ACL's" screen will be displayed

Manage ACL's

Selected Archives/Reports:

Test Archive	
Include	
CDTB	CD TRIAL BALANCE
INVOICES	INVOICES REPORT
LOANTB	LOANTB REPORT
Exclude	

Available Archives/Reports:

Test Archive	
*ALL	All Reports
CDTB	CD TRIAL BALANCE
INVOICES	INVOICES REPORT
LOANTB	LOANTB REPORT
PCGLUP	PCGLUP REPORT
PCUPDT4	PCUPDT4 REPORT
STMTS	STATEMENTS
UB92	UB92 PATIENT BILLS

Wild Card: Add

Apply To Acls Add To All

Available ACL'S

*DEFAULT
TEST

Save Save As Export New Remove Import OK

Drag and drop archives and reports from the right side of the screen to the left. You can also double-click with the right mouse button.

To delete an entry select the item and press the delete key. Selecting "Include" or "Exclude" and then pressing the delete key will cause all reports to be removed from the include or exclude section.

Once you've setup the proper access, press "Save" or "Save As" and enter a name for the ACL. (up to 30 Characters). The ACL file will appear in the "Available ACL's" list.

Double click an ACL in the list to edit it.

Add To All:

The "New" button will clear out the the current ACL.

Selecting an archive on the right and then pressing "Add To All" will add all archives.

Selecting a report on the right and then pressing "Add To All" will add the report to all archives on the left.

This option is useful, if you need to add a report and have a large number or archives.

Apply To ACL's:

Use this option to define a set of archives and reports and then apply those settings to multiple ACL files. This is useful if you have a large number of ACL's.

Simply drag the archives and reports from the right to the left, and then select one or more ACL's in the list. (Shift-Click and Control-Click allow you to select more than one ACL.)

Press "Apply to ACLS".

Note that this will only add archives and reports to the selected ACL'S.

If you have older ACL files defined with LVSECURE, you can import them by clicking on Import.

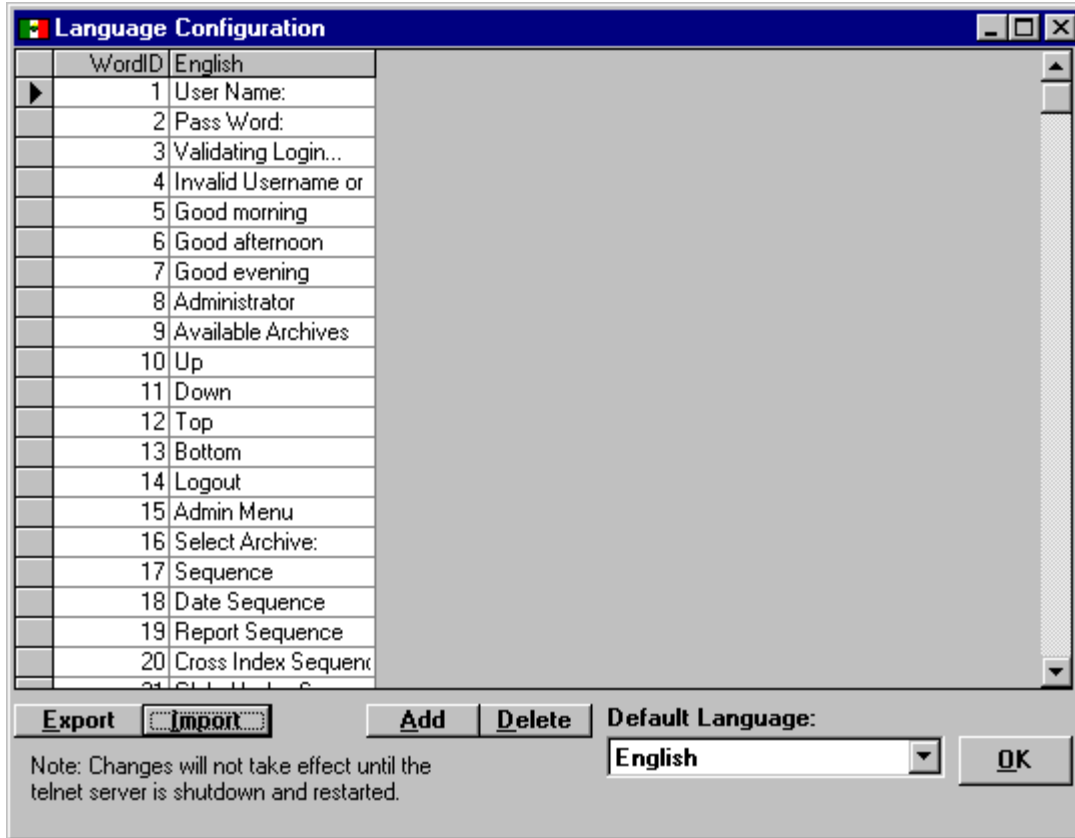
Press the "OK" button when you are finished.

Contents

Adding Languages

LaserVault Universal Server has support for multiple languages for users logging in via telnet. This option has no effect on Windows Clients at this time.

Configure languages by pressing the "Language Setup" button. The following screen will be displayed.



To add a language, press the "Add" button. You will be prompted for the name of the language. By default, the server copies the English language into the new language.

You can either manually change the screen prompts by typing in the grid or you can export the language file, run it through a translator, and then import the file back into the system.

To delete a language, click on the column containing the language you wish to delete and press "Delete".

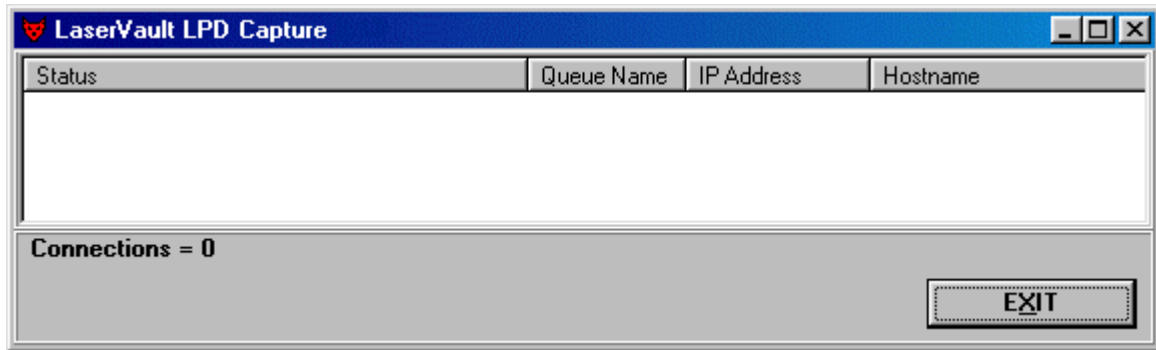
To Export a language, click on the column containing the language and press "Export". Import works the same way.

The default language is the language used before the server knows who's logging in. The "Enter Username" and "Enter Password" prompts will be displayed in this language. Once the user logs in, the language specified for that user will be used.

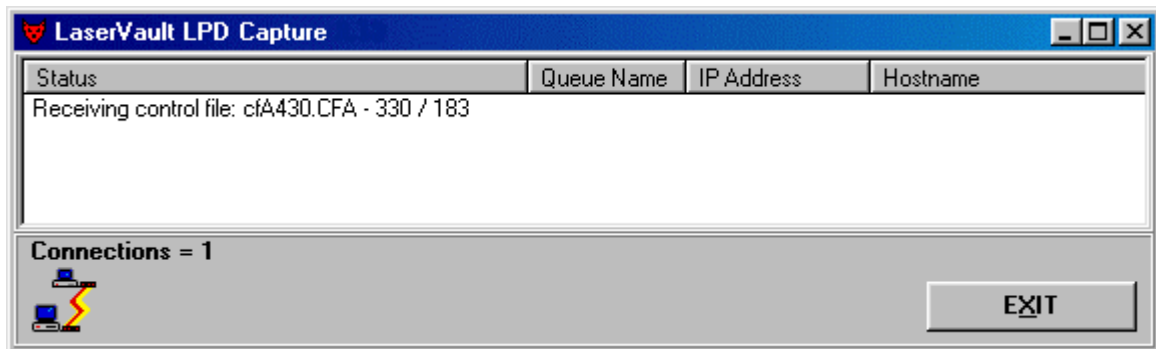
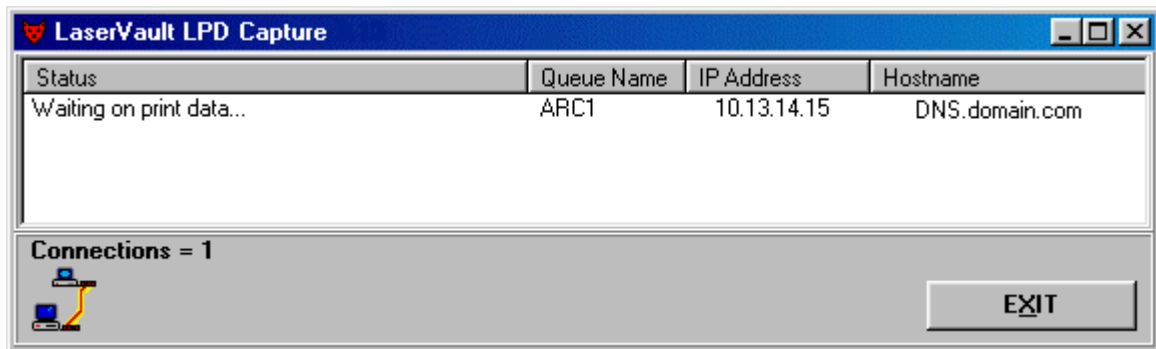
Contents

LaserVault Line Printer Daemon Ver. # 3.15

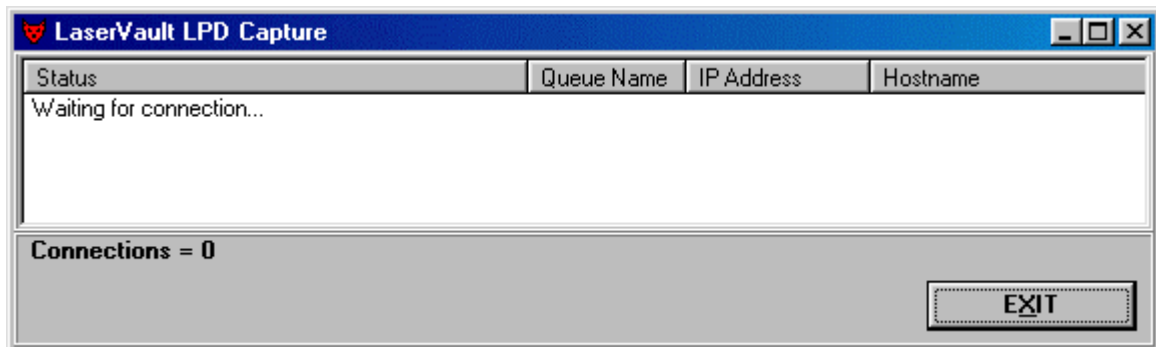
LaserVault Line Printer Daemon (LVLDP) is a Line Printer Daemon that will capture *SCS or *AFP files printed for the AS/400 via TCP/IP. In order to capture these reports you must start the LVLDP Daemon on the LaserVault Server PC. Once the Daemon is started you will notice a Connections = 0. You are now ready to transfer the reports from the AS/400 to LaserVault Server PC.



When you start the transfer you will notice under the status window a connection be made and the transfer of the data coming across.



Once the transfer is done your connection status will be "Waiting for connection...." and connections = 0



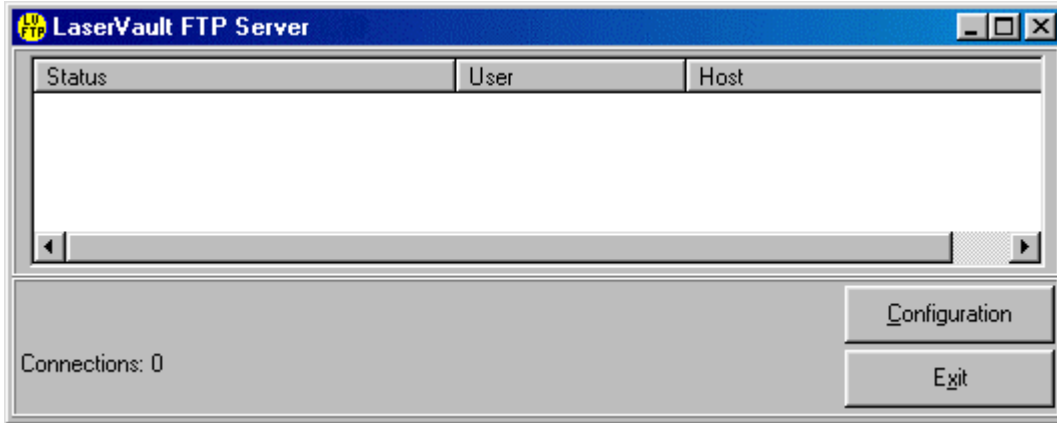
***NOTE:** Binary information, such as bar coding or graphics may be lost when performing a copy spool file in order to download

Contents

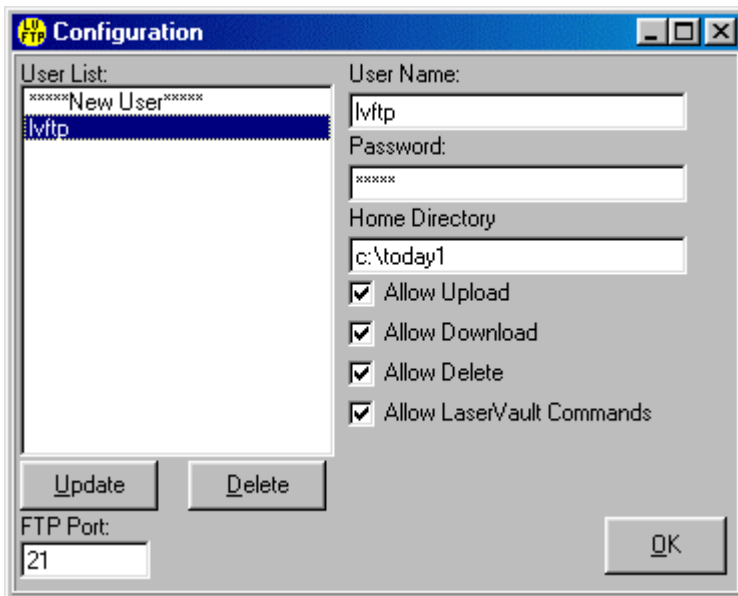
LaserVault FTP Daemon Ver. # 1.14

LaserVault FTP Daemon is a program designed to capture *IPDS reports from the AS/400 or any other type of host system that can FTP files.

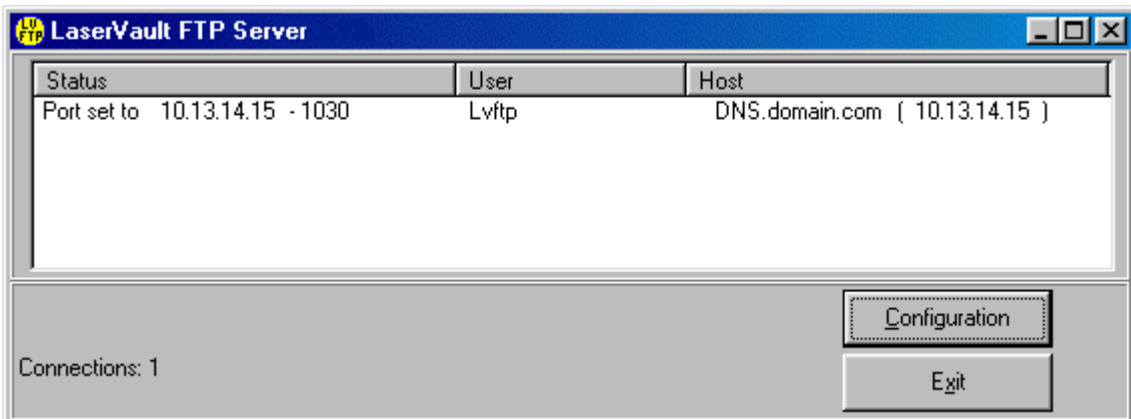
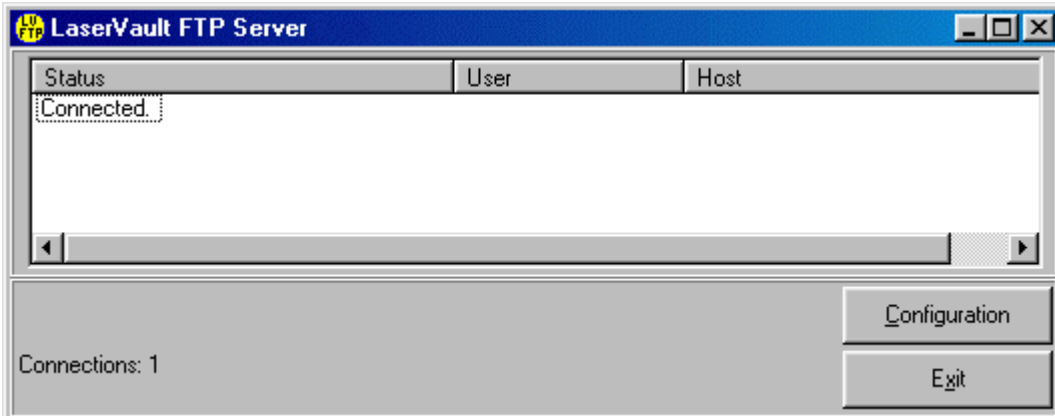
To capture reports through FTP Daemon start the program and you will notice a Connections = 0.



You must click on "Configuration" button and setup a User Name and Password, and Home Directory. Then you can choose your options for Upload, Download, Delete, LaserVault Commands. Then select on "Update" button to add the user.



Once a connection has been made you will see the transfer begin through the status window and will see a Connection = 1

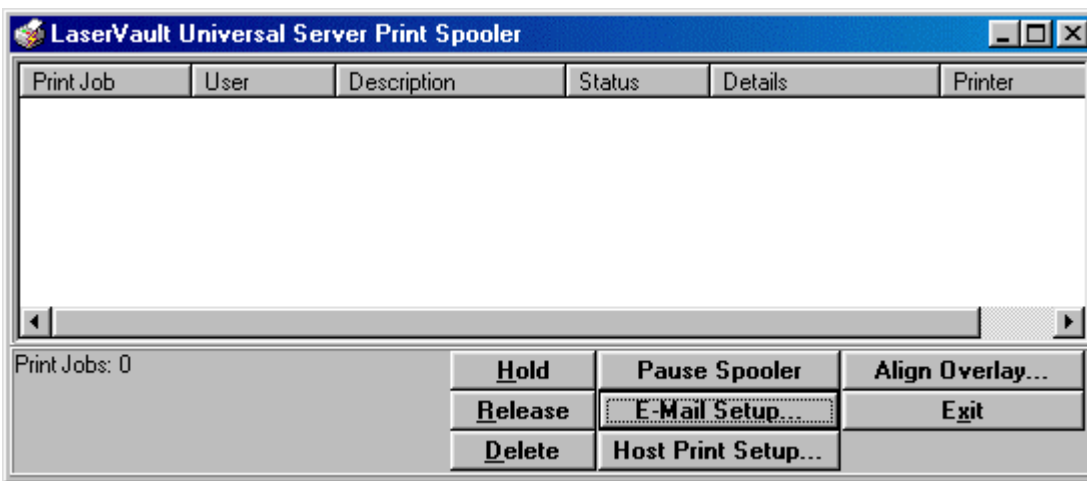


***NOTE:** Binary information, such as bar coding or graphics may be lost when performing a copy spool file in order to download

Contents

LaserVault Universal Server Print Spooler Ver. # 1.52

LaserVault Universal Server Print Spooler (LVUSSPL) is a application designed to Print Archived reports back to the AS/400 and also send print data through a telnet client.



Button Description:

Hold	Will Hold the Print Job in queue
Release	Will Release the Print Job to the destination
Delete	Will Delete the selected Print Job from the Spooler
Pause Spooler	Will Pause all the Print Jobs in the Spooler
E-Mail Setup...	Will give you the ability to E-Mail reports through Telnet Client
Host Print Setup...	Will need to be setup in order to Print Reports back to the AS/400
Align Overlay...	Will Align a Overlay that is associated with a report when printed through Telnet Client
Exit	Will Exit the Print Spooler Program

E-Mail Setup:

Supply a E-Mail Server Name and the E-Mail Server Port

Host Print Setup:

- **Host Description** = Name of Host
- **Host Name/Address** = IP Address of Host Machine
- **FTP Port** = Port Address for FTP
- **Host Type** = The Type of Host System to Print Back To
- **FTP User Name** = FTP User Name for Print Back
- **FTP Password** = FTP Password for FTP User
- **OutPut Queue Name** = Name of Output Queue the report will reside in after print back
- **OutPut Queue Description** = Description of the OutPut Queue
- **Host Library Name** = Library Name that the OutPut Queue resides
- **Host Filename** = Name of the spool file after print back to the Host system

Host Print Back Settings

Hosts:

10.13.14.15

Host Description: Tech400

Host Name/Address: 10.13.14.15

FTP Port: 21 HostType: AS/400

FTP User Name: lvftp

FTP Password: *****

Add Change Remove

Queues

Test

Output Queue Name: LVOUTQ00

Output Queue Description: Test

Host Library Name: LVUS

Host Filename: LVUSPRT

Add Remove

OK

Once these parameters are entered select on "Add" button.

Note:

You can have multiple Queues Defined for one Host Description.

Contents

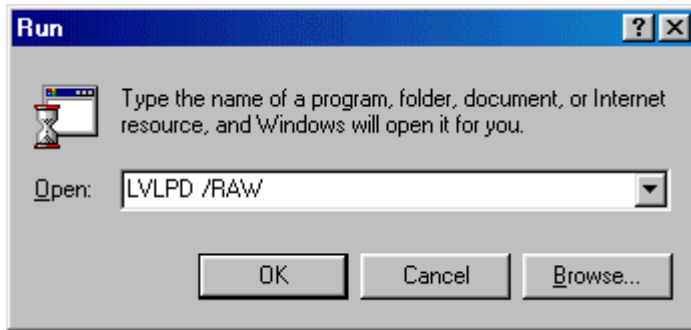
Working With AFP Reports

When working with Advanced Function Printing Reports (AFP) you might need to change some reprint entries for your reports so that in LaserVault Universal Client the report will display correctly.

If you have downloaded the report, and logged on with LVUC, and in the view screen the report is not correct try changing some settings.

- CPI - Characters Per Inch
- LPI - Lines Per Inch
- HORZ - Horizontal Shift (This is used for Print Output shifting)
- VERT - Vertical Shift (This is used for Print Output shifting)
- AUTOSHIFT - This is used for shifting the report in View Screen

These settings are stored in the reprint file that can be found in your basepath directory for that archive. You will need to download the report by itself with LVLDP in debug mode. You do this by choosing your start button and selecting the "RUN" command. You will need to type in LVLDP /RAW command line switch to output the DFA and CFA files without being processed.



Once the report has been downloaded goto command prompt and change directories to your basepath directory. Then you will need to run RHP2RHZ. This command will create the report for viewing purposes. If you receive file not found error make sure that RHP2RHZ.exe is in your path.

Example: RHP2RHZ <report dos name> /CPI:<number> /LPI:<number>

/AutoShift.

RHP2RHZ DFA059.DFA /CPI:12 /LPI:8 /HORZ:180

/AutoShift

```

C:\Today1>dir

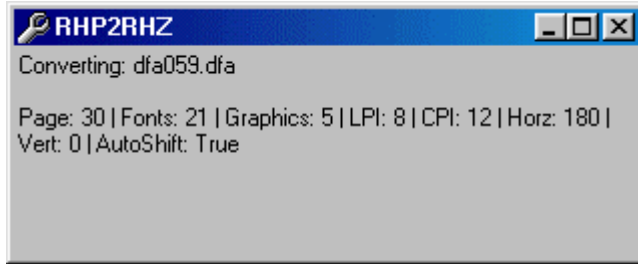
Volume in drive C has no label
Volume serial number is 2920-1802
Directory of C:\Today1

.                <DIR>          07-11-00   1:13p  .
..               <DIR>          07-11-00   1:13p  ..
REPLIST          106   11-20-00   1:37p  REPLIST
REPNAME          58   11-20-00   1:37p  REPNAME
DFA059   DFA    28,132,145  10-13-00   2:25p  dfa059.DFA
3 file(s)                28,132,309 bytes
2 dir(s)                  2,501.71 MB free

C:\Today1>rhp2rhz dfa059.dfa /cpi:12 /lpi:8 /horz:180 /autoshift

```

The program will start and run the conversion process.



Once you have done this run the index command and logon to LVUS through LVUC. View the report and Print the report. If all looks great then you will need to add these settings to your replist file.

Goto command prompt and change directories to your basepath directory. Then type "Edit Replist" this will enable you to edit the replist file for changes. Find the report that you have just downloaded and add entries for CPI, LPI, HORZ, VERT, AUTOSHIFT. You will need to add these settings before the FILE line for that report.

Example:

Note: You may not need all of these settings for your report to output correctly.

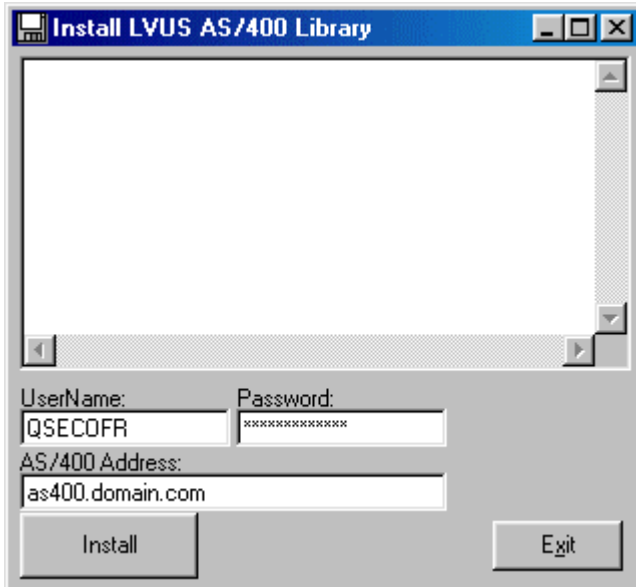
Once you have changed your replist exit and save your changes. Then you will need to download the report and run index. After this has been done, logon to LVUS through LVUC and view the report that you just changed. If the report looks correct then choose "Print" tab and then press the "Print Setup" button and make sure you check "Print to PCL". Then print the report and make sure that the report prints correctly.

Note: If the view or print of the report is incorrect then you will need to change some of your settings again.

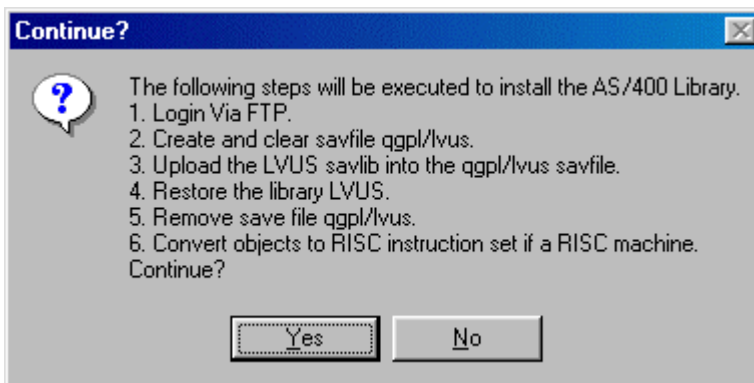
Contents

Installing AS/400 Library

In order to run LaserVault Universal Server you will need to install the Library on your AS/400. You must have LVUS installed on a machine that is attached to the network and you must be able to ping the AS/400. When you ready to install the library to your AS/400 start the "Install LVUS 400 Library" program. This program will be in your program group LaserVault Universal Server.



Once the program has started you will need to supply the Password: for QSECOFR authority and the AS/400 Address. Then click on "Install" button. A dialog box will appear to show you the steps that the install will perform.



If you are certain that you want to continue with the install click the "Yes" button.

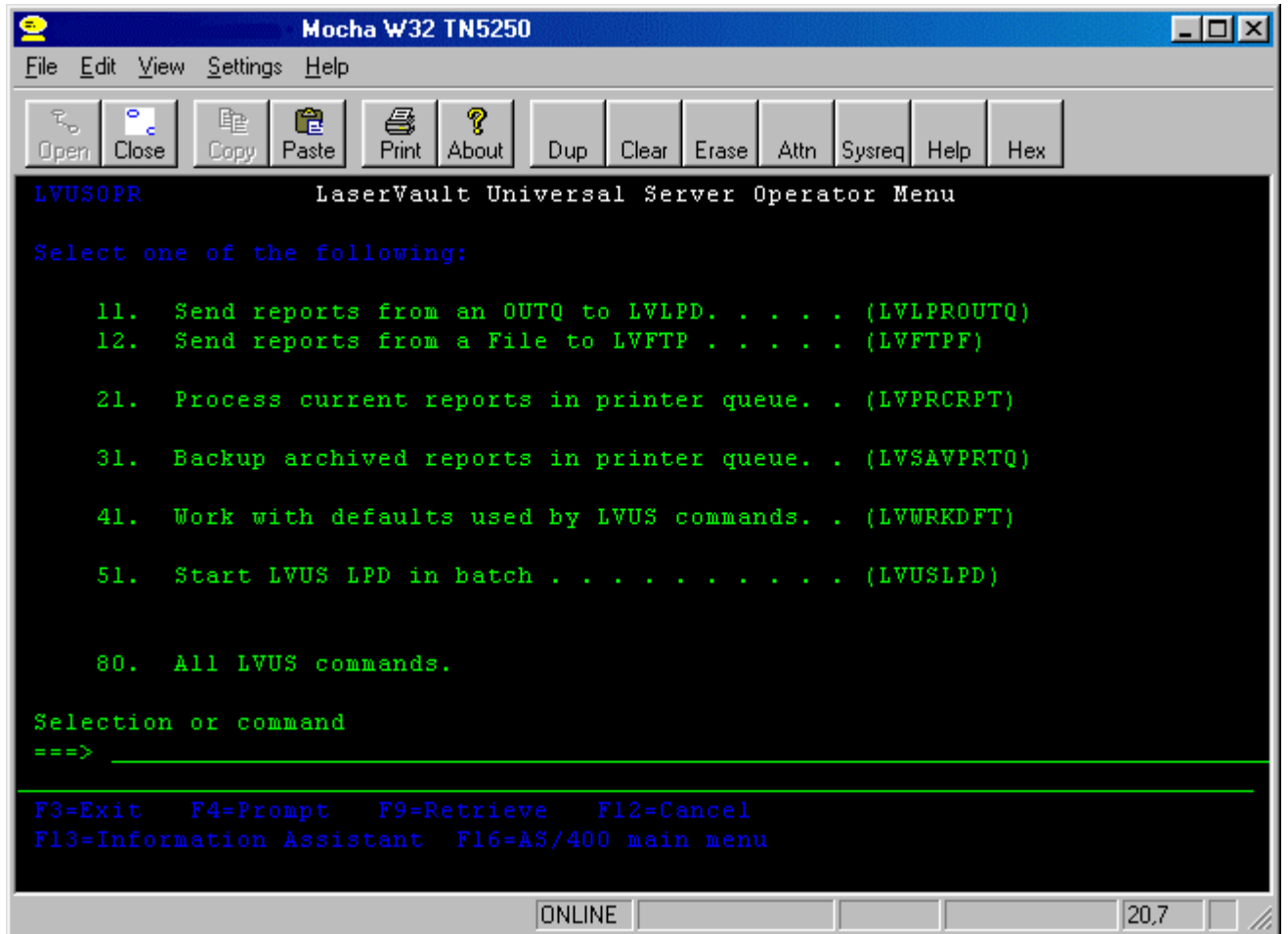
When installation has completed a dialog box will appear asking you to check the LVUS library on your AS/400.

Contents

LVUSOPR MENU

LaserVault Universal Server Operator Menu can be accessed from the AS/400 by typing "GO LVUSOPR" from a command line.

Description of the Operator Menu:



Send reports from an OUTQ to LVLPD (LVLPROUTQ)

This will enable you to download reports from your AS/400 Outque to LaserVault PC.

Send reports from a File to LVFTP (LVFTPF)

This allows you to send a physical file with data created by command "cpysplf" or source members.

Process current reports in Printer Queue (LVPRCRPT)

This will allow you to index, compress, and update the current reports in the basepath directory to a Archive Date.

Backup archived reports in printer queue (LVSAVPRTQ)

This allows you to backup the selected archive on the LVPC.

Work with defaults used by LVUS commands (LVWRKDFT)

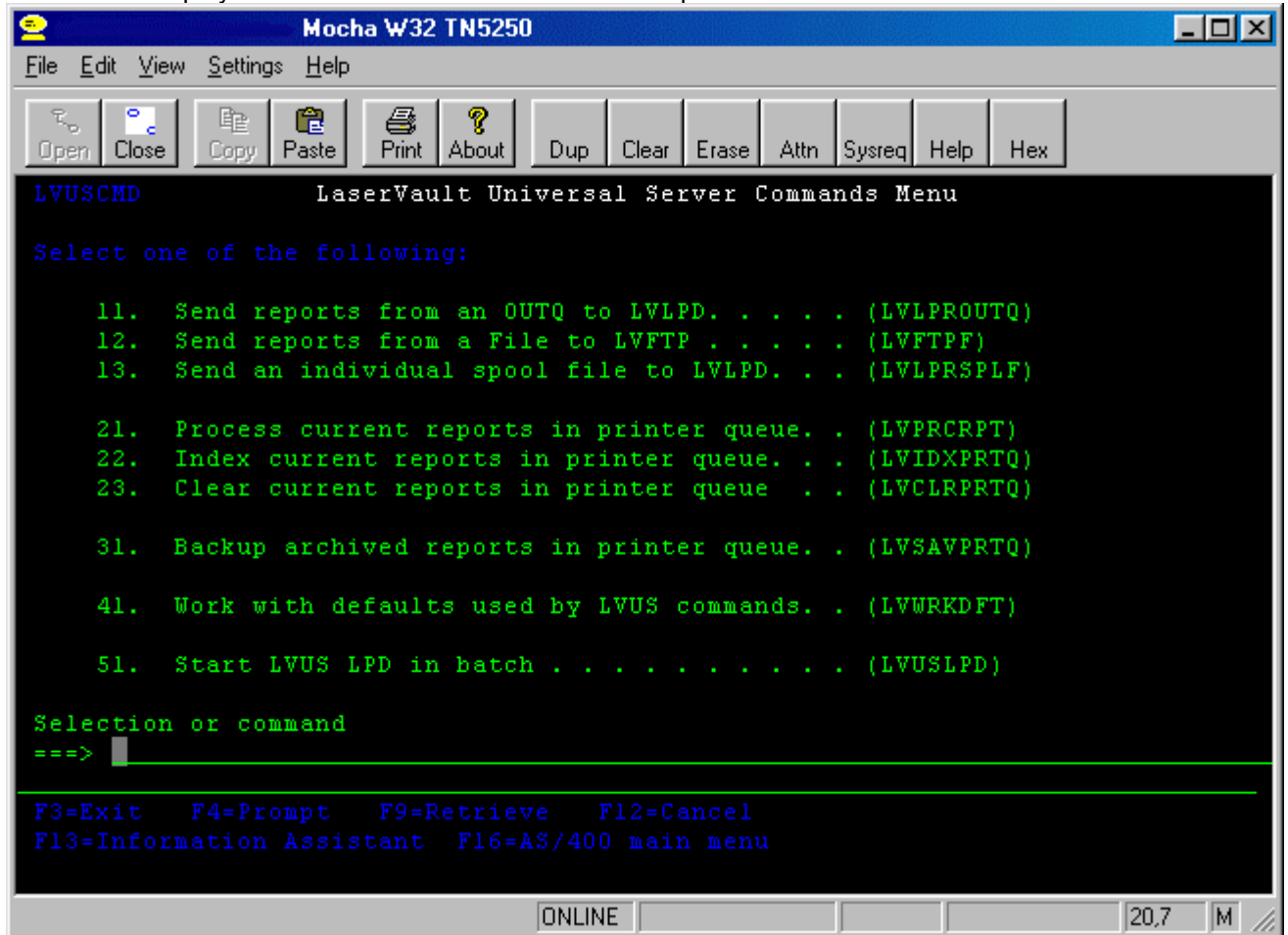
This allows you to setup the defaults on Printer Queue, Remote System, Internet Address, FTP User Name, FTP Password

Start LVUS LPD in batch (LVUSLPD)

This allows you to do a print back of a report to the AS/400 using your system defaults and LaserVault Defaults.

All LVUS Commands

Will display all commands which has a few more options.



Send an individual spool file to LVLDP (LVLPRSPLF)

This will allow you to send an individual spool file to LaserVault.

Index current reports in printer queue (LVIDXPRTQ)

This will allow you to index only the reports in printer queue.

Clear current reports in printer queue.

This will delete all reports that reside in the printer queue.

Send reports from a Outque using FTP (LVFTPOUTQ)

This will allow reports to be FTP instead of LPR.

Send a single report through FTP (LVFTPSPLF)

This will allow one report to be sent FTP instead of LPR.

Contents

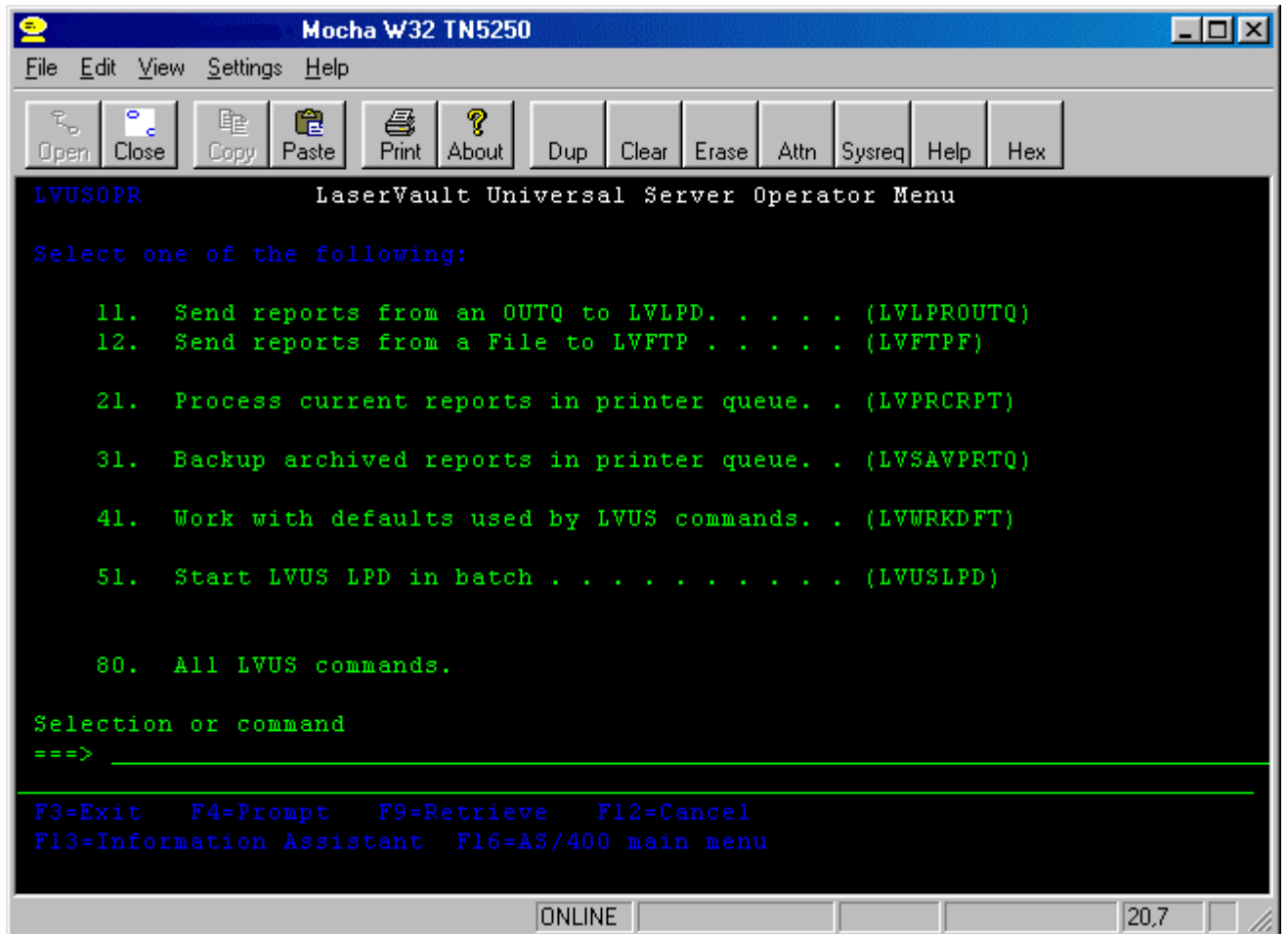
Download Procedures for 400

To start downloading reports to LVUS you will need to sign onto your AS/400 and add LVUS to your library list.

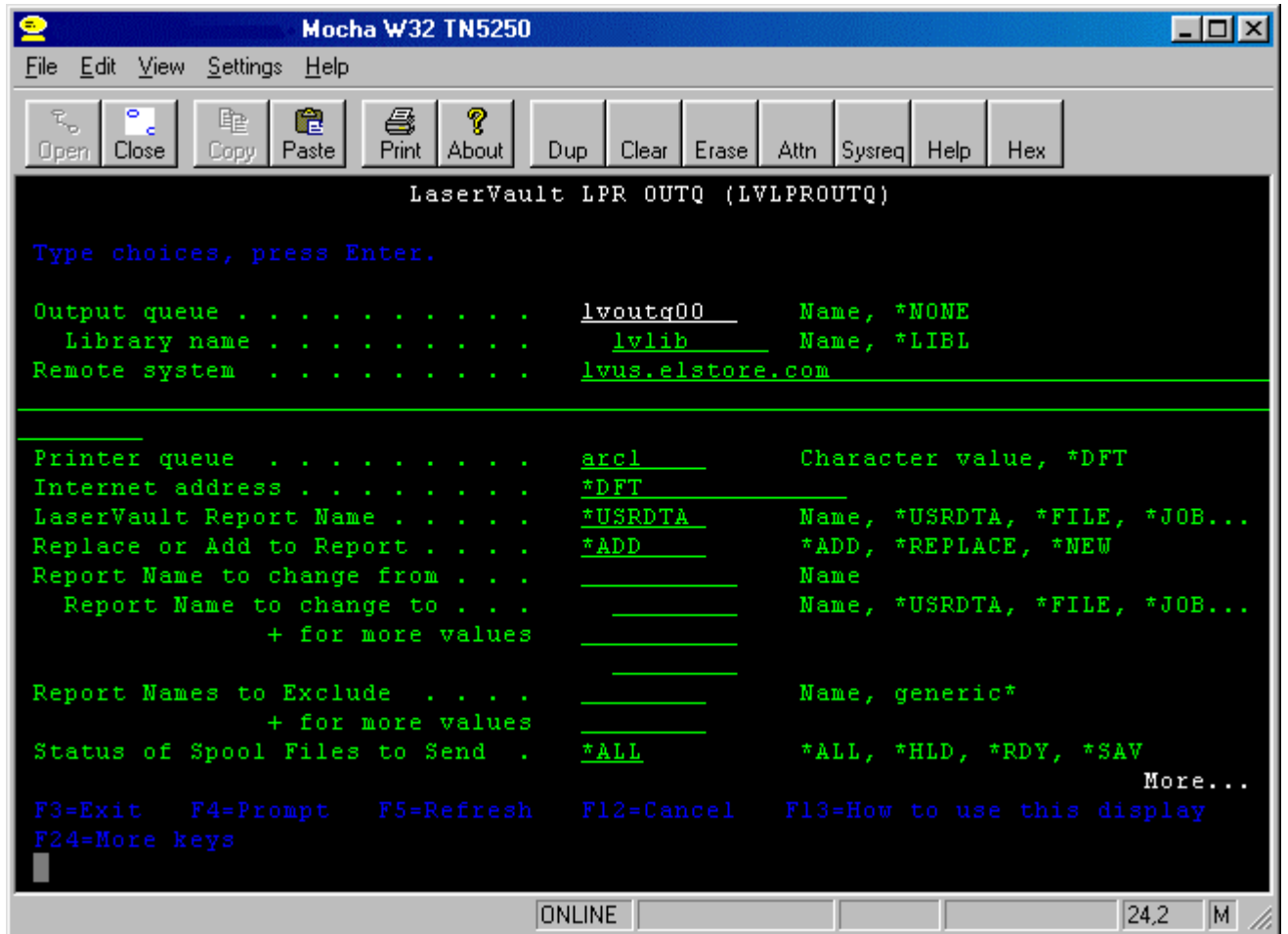
Example: **addlible lvus**

Steps:

Type "go lvusopr" from your 400 command line. This will take you to LVUS Operator Menu.

**LVUS Operator Menu:**

Use option 11 to download reports from and Outq to LVLPD.



You will need to specify Output Queue, Library Name, Remote System, Printer Queue, LaserVault Report Name.

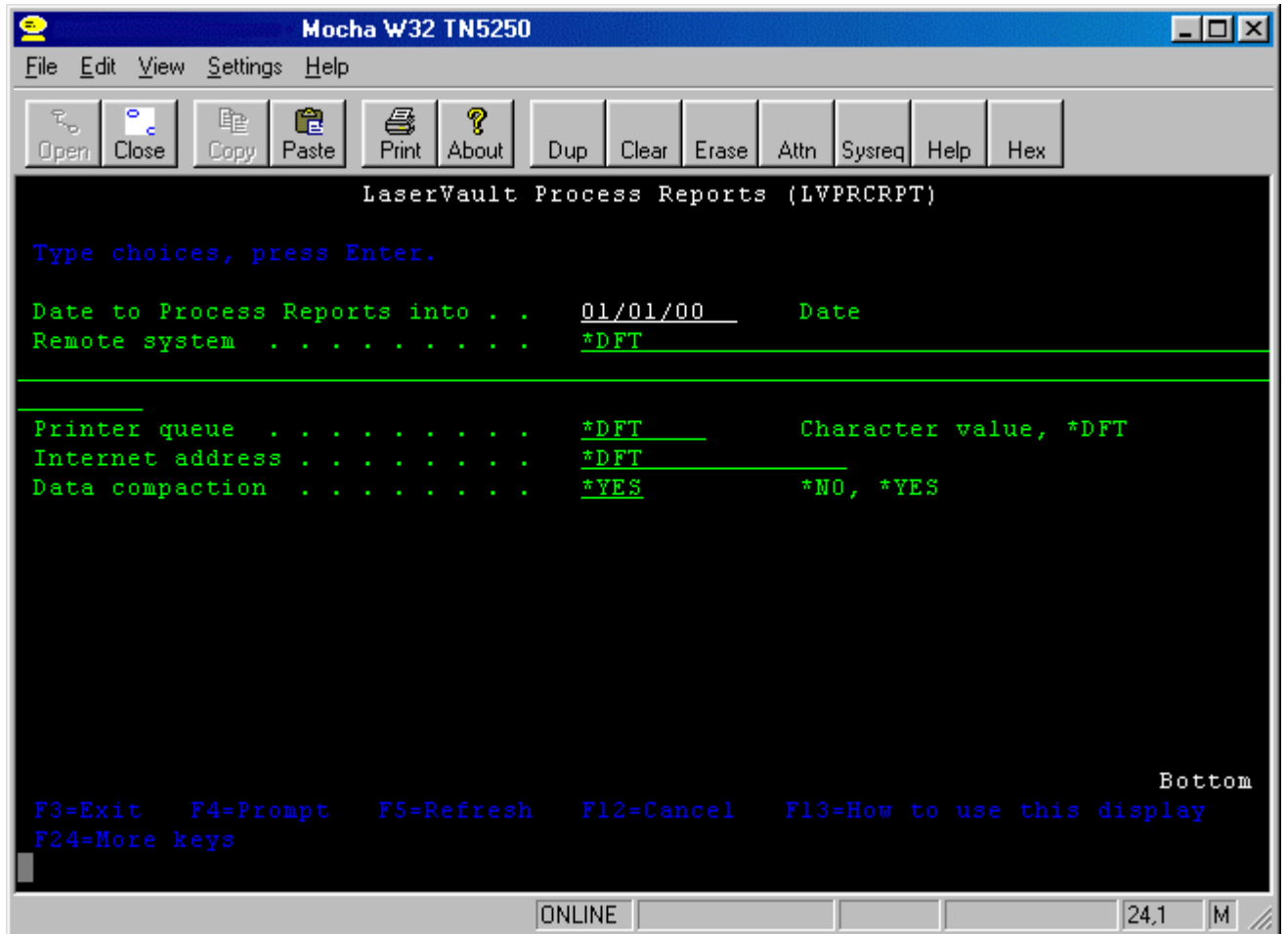
You can leave the Remote System, Printer Queue and Internet Address *DFT if you have already setup your defaults.

Go here for more information on Working With 400 Defaults.

Once you have entered in the correct information just simply hit the "Enter" key on your Keyboard to start the download process.

Note: LVLDP will need to be running on the LaserVault Server PC in order for the reports to be downloaded. The same applies if you are using FTP the FTP Daemon will need to be running.

Once the download has completed the screen will return to the LVUSOPR Menu. The next step is to run option "21" Process Current Reports in Printer Queue.



Simply type in the date you want the reports to be archived. You can leave Remote System, Printer Queue, Internet Address, and Data Compaction as their defaults as long as the default settings are correct.

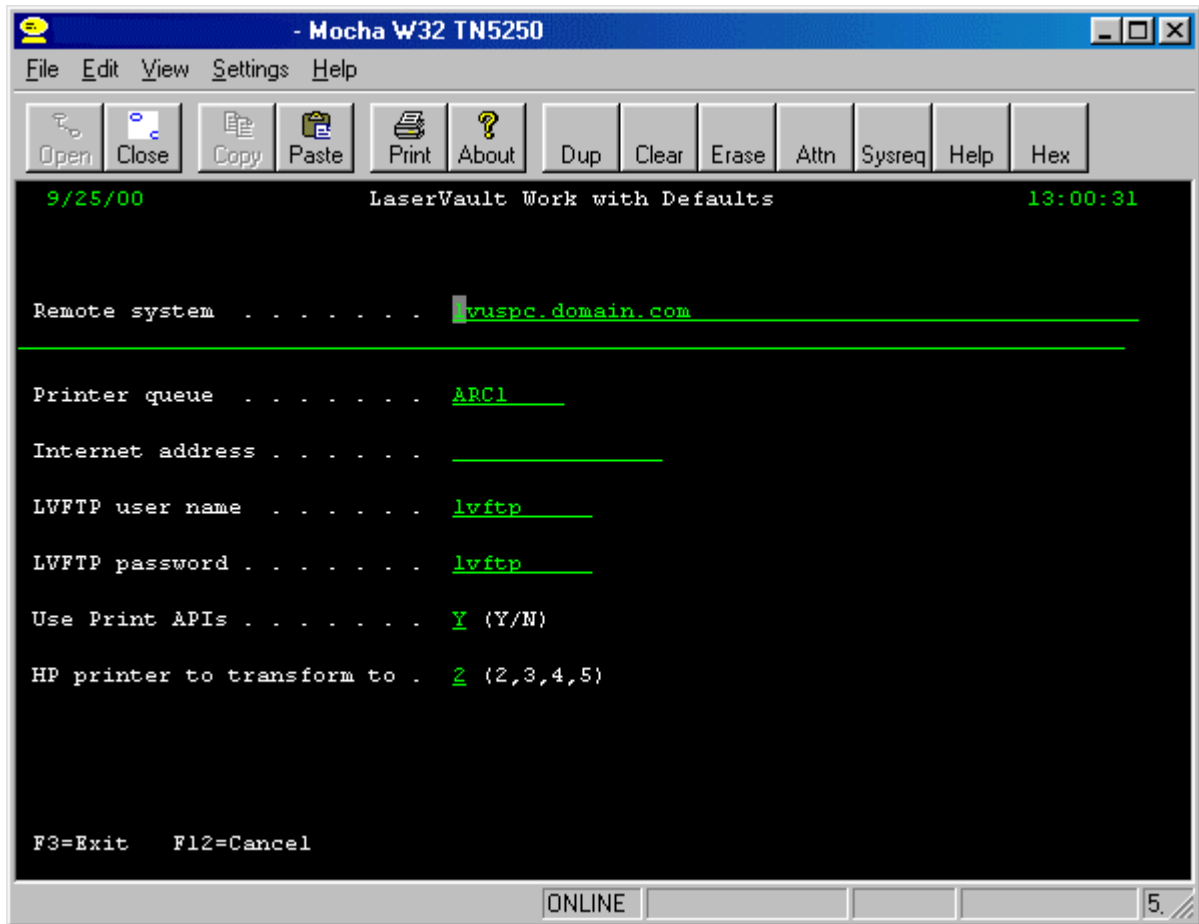
Note: If the date you are updating to already exists in the Archive Folder on the LaserVault PC only the files that don't exist will be updated.

Contents

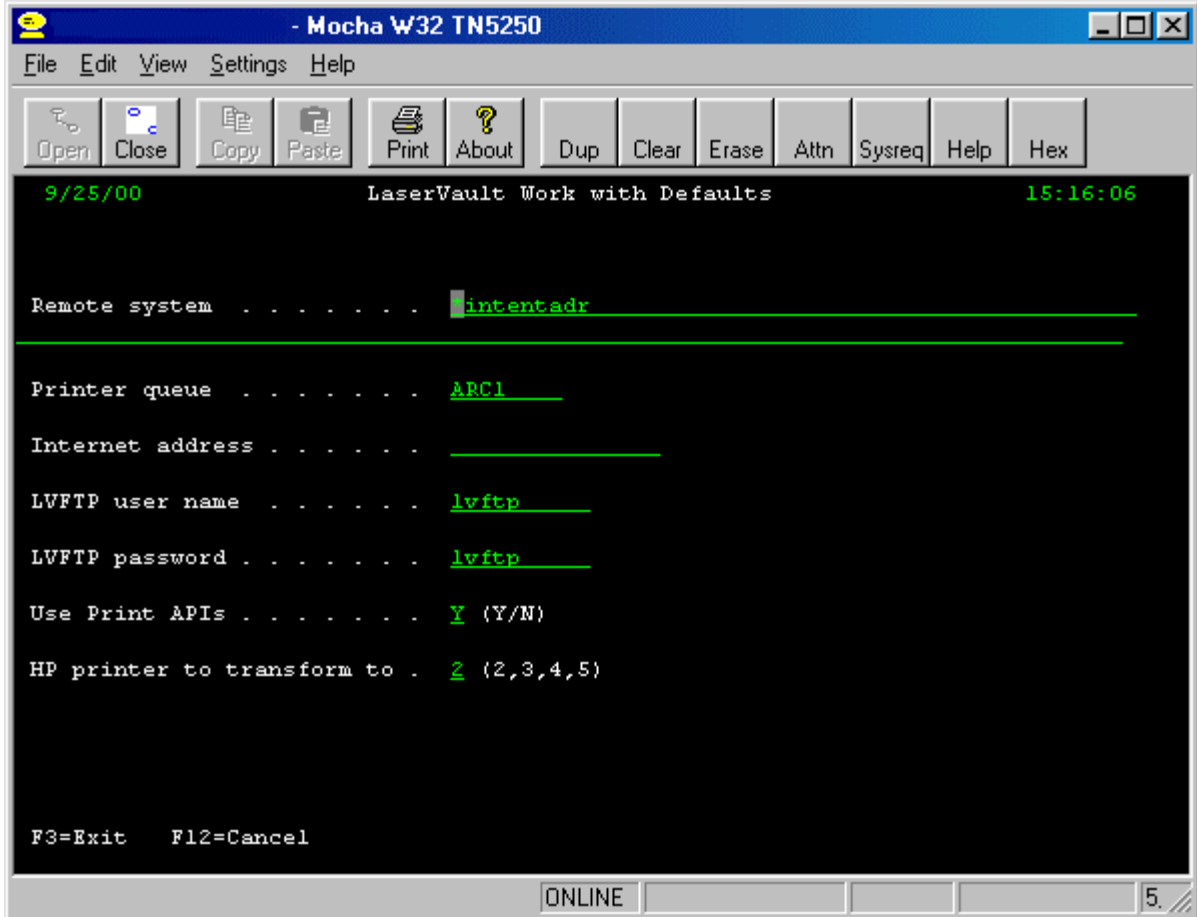
Working With 400 Defaults

Type go lvusopr from the 400 command line. Select option 41 to work with defaults.

Remote Systems = Is the DNS name of the LVUS
 Printer Queue = The Queue Name of the Archive you want to download to.
 Internet Address = The TCP/IP Address of the LVUS
 LVFTP User Name = User Name that matches the FTP Daemon Program. This allows for FTP downloads
 LVFTP Password = Password that matches the FTP Daemon User Name. This allows for FTP downloads
 Use Print API's = If set to "Y" the gathering of spool files for download is faster.
 HP Printer To Transform To = This defines which HP printer transform type to download with.



You only need to supply a Remote system name or Internet Address. If you are only using Internet Address then you will need to add *INTNETDAR to Remote system command.



Hit enter and it will take you back to LVUSOPR Menu.

Contents

AS/400 Sample CL

The following is a sample AS/400 CL. Electronic Storage Corporation will not support any CL's. Please note that the following is a sample and some parameters may need to be filled in differently.

```

Columns . . . : 1 71          Edit          LVLIB/QCLSRC
SEU=>
FMT **  ...+... 1 ...+... 2 ...+... 3 ...+... 4 ...+... 5 ...+... 6 ...+... 7
***** Beginning of data *****
0001.00          PGM
0002.00
0003.00          DCL          VAR(&DATE) TYPE(*CHAR) LEN(10)
0004.00
0005.00          RTVJOBA     DATE(&DATE)
0006.00
0007.00          LVUS/LVLPROUTQ OUTQ(LVLIB/LVOUTQ00) SPLSTS(*ALL)
0008.00
0009.00          LVUS/LVPRCRPT PRCDAT(&DATE)
0010.00          ENDPGM
***** End of data *****

F3=Exit  F4=Prompt  F5=Refresh  F9=Retrieve  F10=Cursor  F11=Toggle
F16=Repeat find  F17=Repeat change  F24=More keys
(C) COPYRIGHT IBM CORP. 1981, 1996.
ONLINE

```

Contents

FTP Processing

In order to download reports from a Host system to LaserVault Universal Server using FTP you must have you must have FTP Daemon setup and running.

Step 1:

Start FTP on the Unix system. Type open dns.name.com or IP address of the LaserVault PC. It will prompt you for a username and password, which should match the FTP Daemon.

```

Connected to LaserVault.elstore.com.
220 Welcome To LaserVault
User < Someone.elstore.com:(none)>: LVFTP
331 Enter Password
Password: *****
230 Welcome LVFTP
ftp>

```

Step 2:

Once you are logged in you will return to a **ftp>** prompt. In order to use any commands for LaserVault you must type "quote site". This will return all valid LaserVault Commands.

```

Connected to LaserVault.elstore.com.
220 Welcome To LaserVault
User < Someone.elstore.com:(none)>: lvftp
331 Enter Password
Password:
230 Welcome Lvftp
ftp> QUOTE SITE
214-Site Specific Commands.
-----
LVSELECTQ <Queue Name> Select LaserVault queue. <Blank queu name exits lvmode.>
LVINDEX Index reports in LaserVault queue.
LVCOMPRESS Compress reports in LaserVault queue.
LVUNCOMPRESS Un-compress reports in LaserVault queue.
LVUPDATE <YYMMDD> Update reports in queue to an archive date.
LVBACKUP Backup reports.
LVCLEAR Delete reports from base path.
RPZON Tell server to store files in compressed format.
RPZOFF Tell server to store files in standard format.
NEWFLAG <On/Off> Tell server to generate a new file name for uploaded files.
-----
214 Site Specific Commands.
ftp> _

```

Step 3:

In order to download, index, compress, update, backup, or clear the reports you first must select "Queue Name". To select the Queue you must type "quote lvselectq printer queue#".

Example: quote lvselectq arc1

```

Connected to LaserVault.elstore.com.
220 Welcome To LaserVault
User < Someone.elstore.com:(none)>: lvftp
331 Enter Password
Password:
230 Welcome Lvftp
ftp> quote site
214-Site Specific Commands.
-----
LVSELECTQ <Queue Name> Select LaserVault queue. <Blank queu name exits lvmode.>
LVINDEX Index reports in LaserVault queue.
LVCOMPRESS Compress reports in LaserVault queue.
LVUNCOMPRESS Un-compress reports in LaserVault queue.
LVUPDATE <YYMMDD> Update reports in queue to an archive date.
LVBACKUP Backup reports.
LVCLEAR Delete reports from base path.
RPZON Tell server to store files in compressed format.
RPZOFF Tell server to store files in standard format.
NEWFLAG <On/Off> Tell server to generate a new file name for uploaded files.
-----
214 Site Specific Commands.
ftp> QUOTE LVSELECTQ ARC1
200 LVMode is on. Current Queue is 'ARC1'.
ftp> _

```

Step 4:

When you are ready to Index, Compress, Uncompress, Update, Backup, Clear, RPZON, RPZOFF or Newflag; make sure you type "quote" and then the "process function".

Example: quote lvindex

Contents

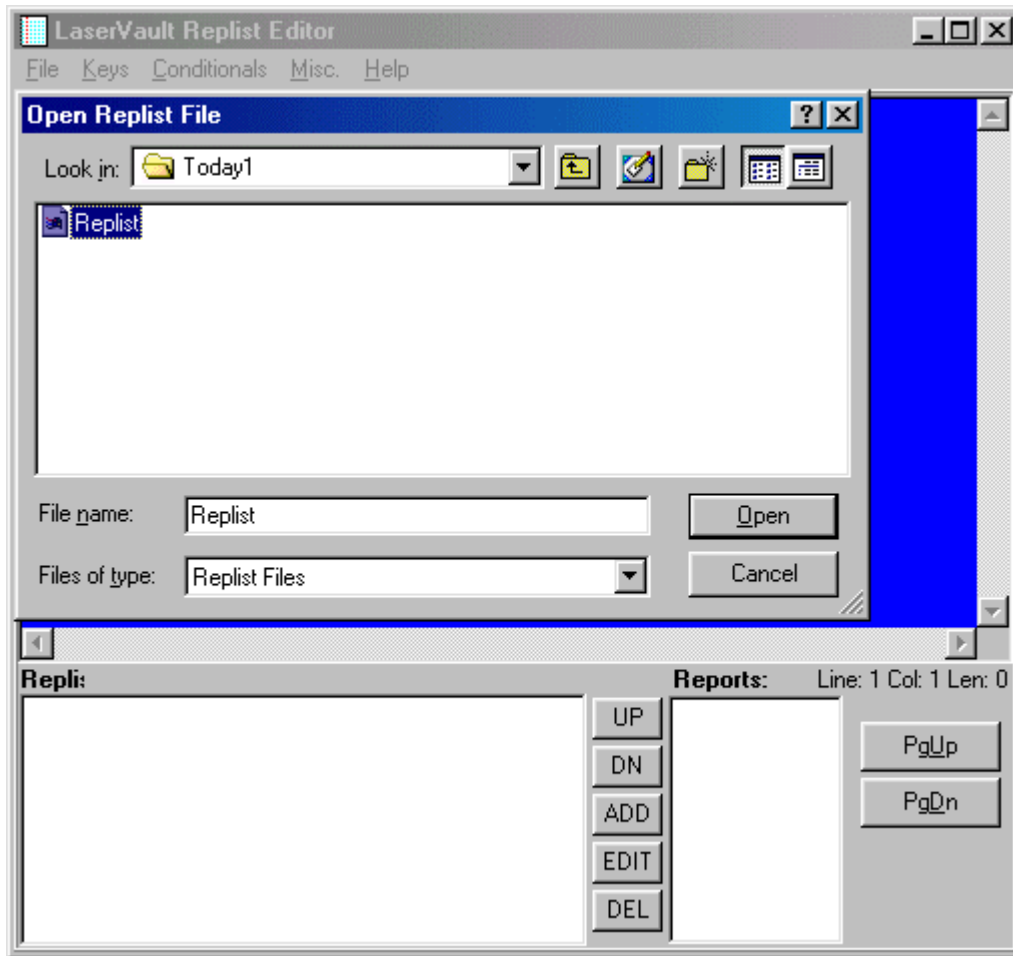
Replis Editor Ver. # 2.01

Replis Editor is a program that will enable you to Build Keys on reports and define the Report Description.

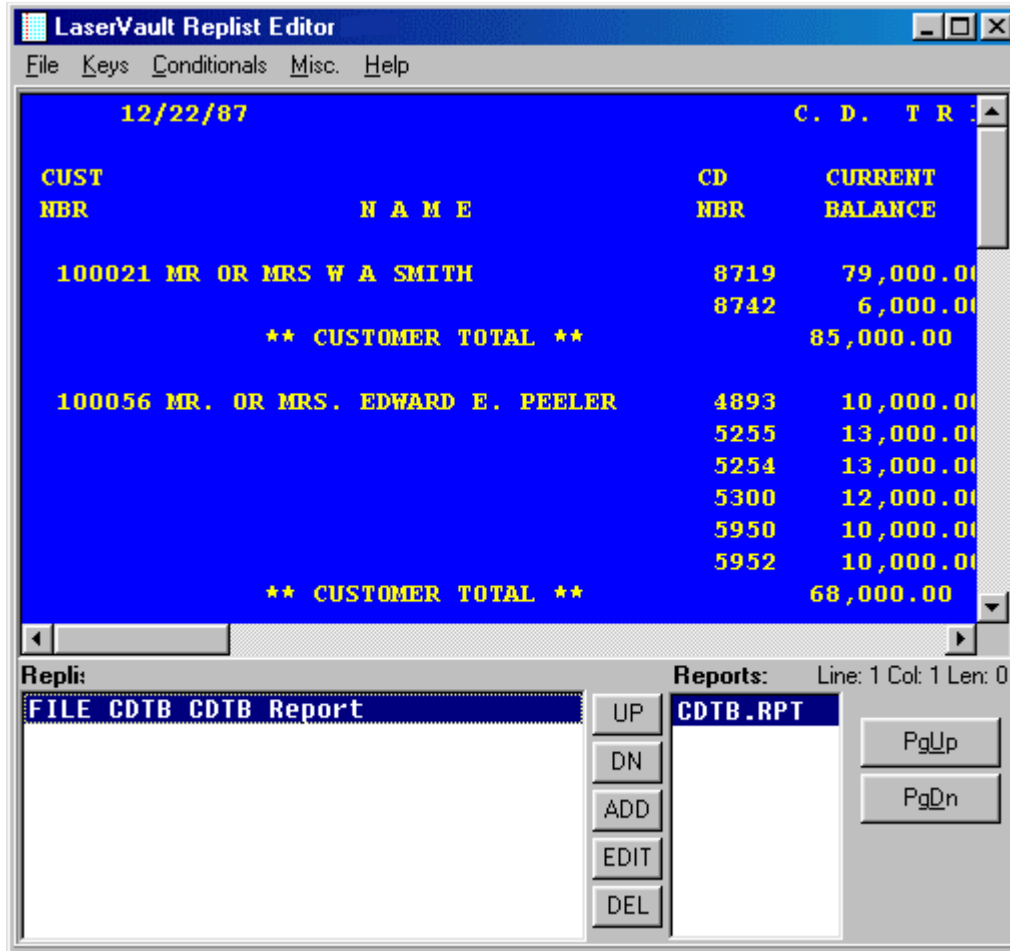
To start Replis Editor double click on the icon. Then you must select the basepath directory for

the archive that you are wanting to add changes to and then select the replist file.

Example: C:\Today1\Replis



Select on the replist file and then the program will display the first report and any reports that reside in the basepath directory.



To build keys or change a report description Highlight the report in Reports: Box, and the replist will display **File <DOS FILENAME> <REPORT DESCRIPTION>**.

(Example: File CDTB CDTB Report)

To add a key you first must determine what type of key you will use. For this please refer to Replist Definitions. Once you have determined what type of key to use, then you can Highlight the Key and then select what type of Key. It will display a box that will have a Key statement that starts on #column for #characters. You will need to supply a Key Description to enable searches in LVUC.

(Example: Customer Name)

To add a report description or change the current description you can Hi-Lite the description and then choose "Misc." and select "Report Description". Or you can simply Hi-Lite the file statement in Replist: Box and choose the "EDIT" Button and type in your description.

LaserVault Replist Editor			
File Keys Conditionals Misc. Help			
12/22/87		C. D. T R	
CUST		CD	CURRENT
NBR	N A M E	NBR	BALANCE
100021	MR OR MRS W A SMITH	8719	79,000.00
		8742	6,000.00
** CUSTOMER TOTAL **			85,000.00
100056	MR. OR MRS. EDWARD E. PEELER	4893	10,000.00
		5255	13,000.00
		5254	13,000.00
		5300	12,000.00
		5950	10,000.00
		5952	10,000.00
** CUSTOMER TOTAL **			68,000.00

Repli:	Reports:
WhenCol 58 "."	Line: 14 Col: 126
Key 10 29 Customer Name	CDTB.RPT
Key 3 6 Customer Number	
WhenCol 56 "."	PgUp
Key 49 10 Customer Total	PgDn
FILE CDTB Trial Balance	
	UP
	DN
	ADD
	EDIT
	DEL

Note:

Once you have made changes to replist file you must save the replist, then re-index the reports for the changes to take effect. The changes will only effect those reports and any reports that are downloaded and index with this replist file from here on out. You should test your keys by signing on through LaserVault Universal Client, select the Archive, select the report, and then choose the key to make sure it works. If the key doesn't work properly you will need to open the Replist Editor again and make sure your key statement is valid. Then run through the process again until the key works to your satisfaction.

Contents

Replist Definitions

KEY

This defines the location on every line to extract data for a key value to be inserted into the index file. There are 3 parameters - beginning column, key length, and up to 20 characters of key description.

Example: KEY 2 6 Customer#

KEYP

This defines the location on a specific line to extract data for a key value to be inserted into the index file.

There are 4 parameters - beginning line#, beginning column, key length, and key description. Only one key value will be extracted per report page.

Example: KEYP 4 2 6 Customer#

WHENCOL

This is used to build a condition which must be proven true in order for a key value to be extracted for following KEY and KEYP statements. There are 2 parameters for this statement, the beginning column and string for a comparison. The case of the characters must match that of the string being checked for in the report.

Use double quotes (") when the string has imbedded blanks within it. A value of 999 for the beginning column will look for the comparison to occur anywhere on the line. A WHENCOL statement remains in effect until another WHENCOL, a WHENNOTCOL, a CLEARFLAGS, or a FILE statement is encountered.

Tip: Some common things to check for are decimal points in dollar amounts and slashes in dates.

Example: WHENCOL 101 .

WHENCOL 1 "Customer Number:"

WHENNOTCOL

This is used the same as WHENCOL, except it is a negative.

FILE

This defines the report file that all of the preceding statements apply to. There are 2 parameters for this statement, the DOS file name, and up to 40 characters of description for the report to be stored for LV to use. The DOS file name is only the 8 character base name, the file must have a .RPT for the extension for LV to recognize it.

Example: FILE WKINV Weekly Invoices

NOREPEAT

This is used to specify that only one key value will be extracted for a key that appears multiple times consecutively on the same page. If the same key value continues consecutively across one or more page breaks, it will appear once for each page it is on.

Example: NOREPEAT

KEY 2 6 Customer#

NOREPEATTEXT

This keyword functions the same as NOREPEAT shown above with the exception that if the same key value continues consecutively across one or more page breaks, it will not cause an index entry to be created for each page it is on, only for the very first occurrence.

Example: NOREPEATTEXT

KEY 2 6 Customer#

CLEARFLAGS

This is used to clear the effects of any preceding modifier statements such as NOREPEAT, AFTERLINE, ONLYLINE, WHENCOL, WHENNOTCOL.

Example: CLEARFLAGS

ANDCOL, ORCOL, ANDNOTCOL, ORNOTCOL

These are used in addition to WHENCOL, and/or WHENNOTCOL. Only one ANDCOL, ORCOL, ANDNOTCOL, or ORNOTCOL may be used with each WHENCOL or WHENNOTCOL.

Caution should be exercised when using ORNOTCOL with WHENCOL, or ORCOL with WHENNOTCOL due to complexities of logic when using a NOT condition in an OR situation (in other words you may not properly calculate all of the possibilities of the given logic).

AFTERLINE

This is used to specify a line# in which to begin checking for key extractions after. There is only one parameter which is the line#.

Example: AFTERLINE 6

KEY 2 6 Customer#

ONLYLINE

This is used to specify that following KEYP statements are only to extract key values found on the beginning line# specified on the KEYP statement. Normally, a KEYP statement will only specify a beginning line# which means that if that position on the beginning line is blank, successive lines will be examined for key extraction until a value is found for the key. There are no parameters for this.

Example: ONLYLINE

KEYP 4 2 6 Customer#

KEYSEG, KEYEND

These two statements are used in conjunction with each other. These are used to define a key which is made of multiple segments or values. The parameters are the same as the KEY statement. NOTE: During a key lookup, LV will position to the last portion of the key segment.

Restrictions: Each segment must appear on the same line as or a previous line of the next segment of the key. The key description of the first KEYSEG is the description stored for LV to use. The key description of each successive KEYSEG and of the KEYEND must be a plus sign (+) or at least begin with one. Each KEYSEG and KEYEND count toward the limitation of 9 keys per report.

Example: KEYSEG 4 6 Cust#/Inv#/WO#

KEYSEG 12 7 +Invoice#

KEYEND 54 7 +Work Order#

Example: KEYSEG 4 6 Cust#/Inv#/WO#

KEYSEG 12 7 +

KEYEND 54 7 +

KEYSEGP, KEYENDP

These two statements are used the same as KEYSEG and KEYEND, and may be use in conjunction with KEYSEG and KEYEND. The parameters are the same as the KEYP statement. NOTE: During a key lookup, LV will position to the last portion of the key segment.

Example: KEYSEGP 2 4 6 Cust#/Inv#/WO#

KEYSEGP 3 12 7 +Invoice#

KEYENDP 3 54 7 +Work Order#

Example: KEYSEGP 2 4 6 Cust#/Inv#/WO#

KEYSEGP 3 12 7 +

KEYENDP 3 54 7 +**KEYSEP**

This keyword is used in conjunction with the variations of the KEYSEG and KEYEND keywords. The character specified for the value of this keyword is used as a separator between key segment values. The key values are trimmed to remove any leading and trailing blanks with the separator character replacing them. In the example given below, if Cust# has a value of 6420, Inv# has a value of 345698 and Work Order# has a value of 4832, the user would key in 6420/345698/4832 to find the position in the report corresponding with that key. Without the KEYSEP keyword in the example below, given the same segment values shown above the user would have to key in 6420 345698 4832 in order to find the position in the report corresponding with that key.

Example: KEYSEP /

KEYSEGP 2 4 6 Cust#/Inv#/WO#
KEYSEGP 3 12 7 +Invoice#
KEYENDP 3 54 7 +Work Order#

KEYZ

This is the same as the KEY statement except that during the indexing process, key values that begin with blanks will be zero-filled instead of being left-justified as normally done. The contents of the report are not changed, only the values inserted into the index file are modified.

For example, if zero-suppression was used during printing of a report, a value of 10 in a 6 digit output would appear as " 10". This would normally be stored in the index file as "10 ". Using the KEYZ statement, however, would store the value as "000010". Users should be made aware of this fact, because to retrieve the proper key value they would have to insert the zeros on the key prompt.

Example: KEYZ 2 6 Customer#

KEYZS

This is the same as the KEY statement except that during the indexing process, key values that begin with zeros will be zero-suppressed before being left-justified. The contents of the report are not changed, only the values inserted into the index file are modified.

For example, if the value of 10 was printed on a report in a 6 digit output without zero-suppression, it would appear as "000010". This would normally be stored in the index file as "000010". Using the KEYZS statement, however, would store the value as "10 ". Users should be made aware of this fact, because to retrieve the proper key value they would have to omit the leading zeros on the key prompt. This would also affect the get-next-key value operation in LaserVault in a manner that the value 10 instead of the value 2 would follow 1 since the leading zeros are not present in the key value any longer.

Example: KEYZS 2 6 Customer#

KEYLNF

This is the same as the KEY statement except that during the indexing process, the key is assumed to be a person's name and the last name is inserted first into the key value. The contents of the report are not changed, only the values inserted into the index file are modified.

Restrictions: The process used to extract the last name from the key value is simply to scan the key value from the end until a blank is encountered preceding the last name. This will result in incorrect key values for those people who have complex last names such as St. John which would result in only John being moved to the first of the key value. A solution to this problem

would be to change the entry of the name to St.John without the blank.

Another example of incorrect key values would be the use of this on reports where names of people are mixed with names of companies. The company names would also be reversed.

Example: KEYLNF 2 25 Customer Name

KEYPN, KEYPX, KEYPZ, KEYPLNF

These are the variations of KEYP which function the same as the variations KEYN, KEYX, KEYZ, and KEYLNF for the KEY statement.

***KEYSEGN, KEYSEGX, KEYSEGZ, KEYSEGLNF
KEYENDN, KEYENDX, KEYENDZ, KEYENDLNF***

These are the variations of KEYSEG, and KEYEND.

***KEYSEGN, KEYSEGPX, KEYSEGPZ, KEYSEGPLNF
KEYENDPN, KEYENDPX, KEYENDPZ, KEYENDPLNF***

These are the variations of KEYSEGP, and KEYENDP.

KEYFF

Defines a key to be automatically created for each form feed encountered within a report. There are 2 optional parameters for this statement. The first optional parameter is the size of the key value, the default is 6. The second optional parameter is the key description, the default is Page#.

Note: The second parameter cannot be specified without also specifying the first parameter.

Example: KEYFF
KEYFF 4
KEYFF 4 Pg No.

LINEFEEDONLY, LFONLY

Specifies that the line counter is incremented only on a line feed, not on a carriage return. This affects KEYP, AFTERLINE, and PAGELENGTH statements.

PAGELENGTH

Specifies a page length when no form feeds are present in a file. The page length is the only parameter.

Example: PAGELENGTH 51

STRIPHP, STRIPHPCODE, STRIPHPCODES

Instructs LV to ignore any HP printer codes during indexing. An HP printer code is considered to begin with an ASCII ESC code (decimal 27) and end in any ASCII upper case alphabetic character.

Note: The use of this keyword may cause difficulties in setting up the keys inside a report since LV will still display the codes on the screen

while viewing a report. This makes it more difficult for the user to determine the column number to specify when building keys if there are any HP printer codes imbedded inside of the line. The use of this keyword could significantly impact the amount of time required to index a report due to the nature of processing needed to accomplish its task.

Example: STRIPHP

Multiple definition keys:

Defines how to create a key with multiple definitions, that is, values which appear in multiple columns but belong together in a key. This is useful when reports with account numbers, part numbers, etc. are printed in two or more columns across the page.

Regular KEY, KEYN, KEYX, KEYZ, and KEYLNF statements are used to accomplish this goal. The first KEY statement is normal. Each successive KEY statement which goes into defining the key multiple times differs in that the key description must be an ampersand (&), or at least begin with one. The key description of the first KEY statement is the one stored for LV to use. Each successive KEY statement must have the same key length as the first KEY statement.

Example: KEY 1 10 Part#
 KEY 20 10 &Part#-Col2
 KEY 40 10 &Part#-Col3

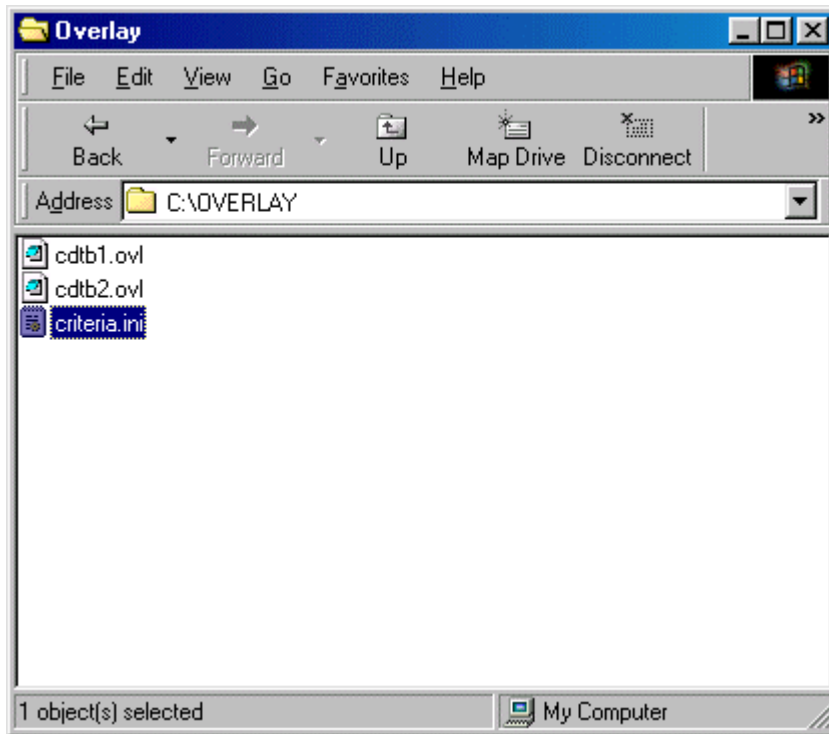
Example: KEY 1 10 Part#
 KEY 20 10 &
 KEY 40 10 &

Contents

LaserVault Overlay Editor Ver. # 2.02

LaserVault Overlay Editor is a program that will enable you to add an overlay on a report. You can assign multiple overlays per report by using a criteria.ini file, which would reside in your overlay directory.

Example: c:\overlay\criteria.ini



Open the file in notepad to make your changes. The syntax is as follows.

value #1 value #2 value #3

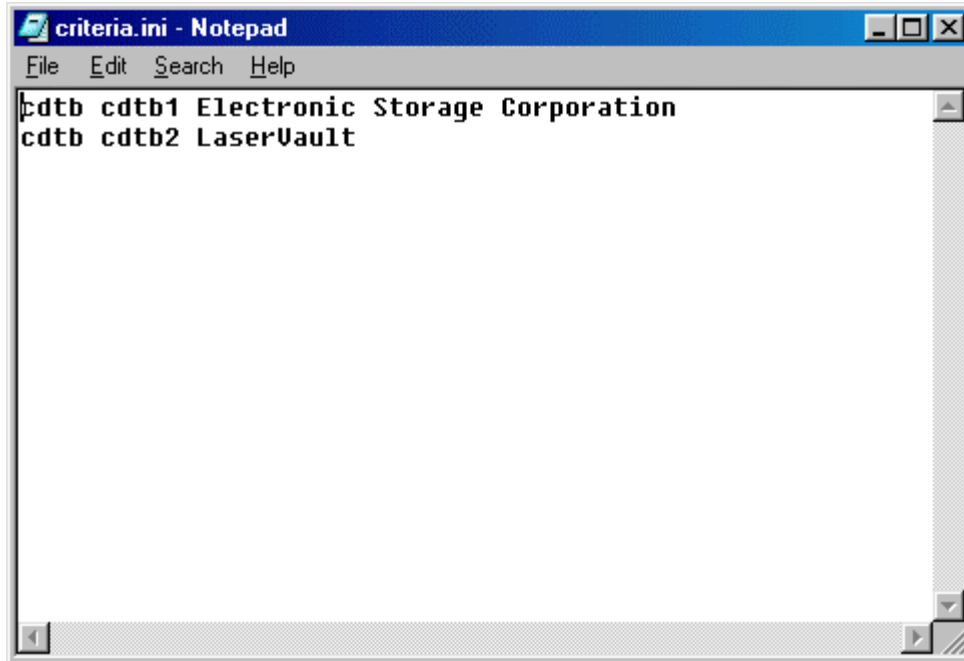
value #1 = dos file name of report

value #2 = overlay name

value #3 = literal value within the report.

Note: The specified overlay will only be loaded when the literal value matches.

Example

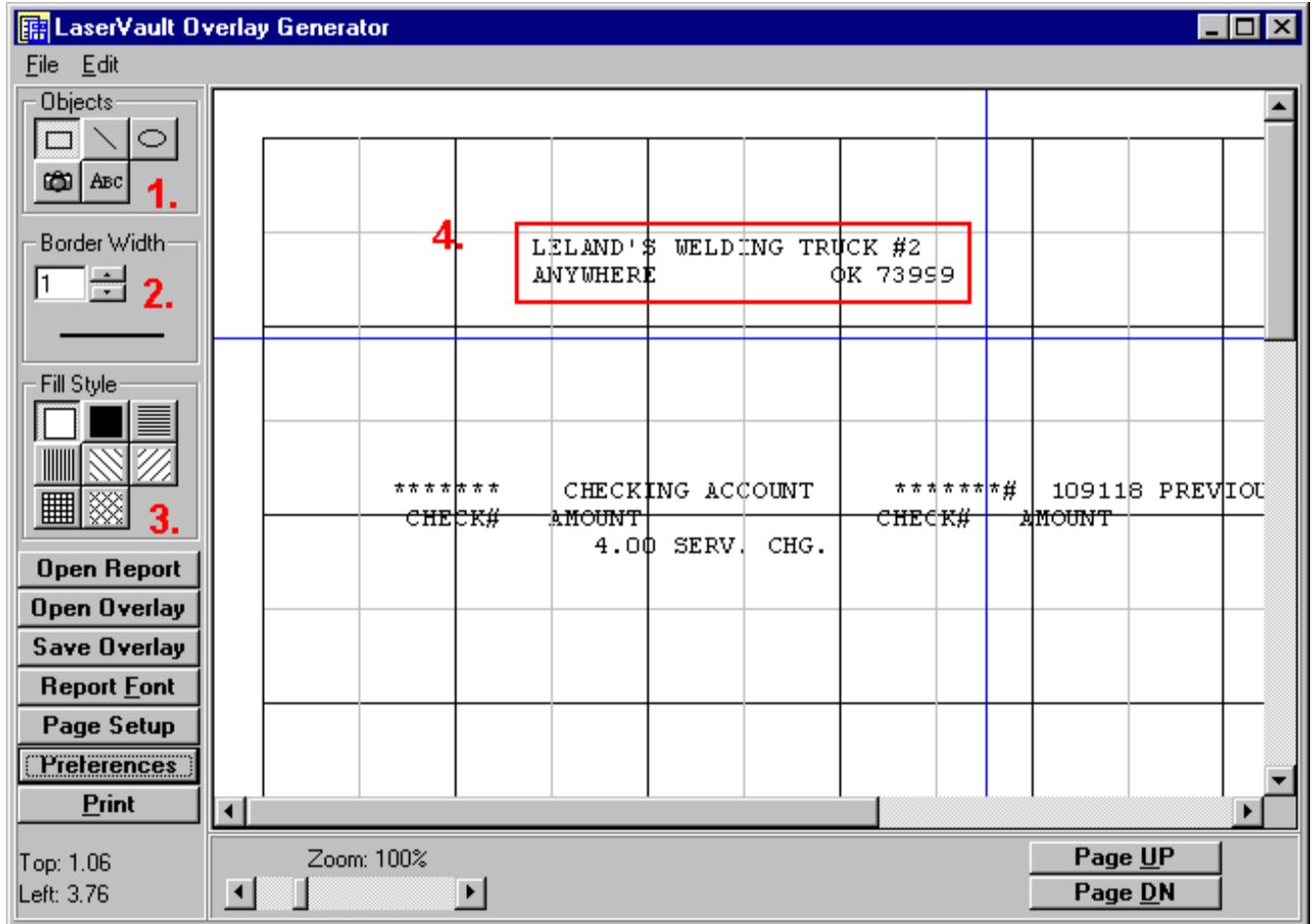


Contents

Drawing Shapes

To draw a shape onto the form, first select a shape, then set the border width and fill style if desired.

Use the mouse to draw the shape onto the form.



Adding Pictures
 Adding Text
 Editing Objects

Contents

Adding Pictures

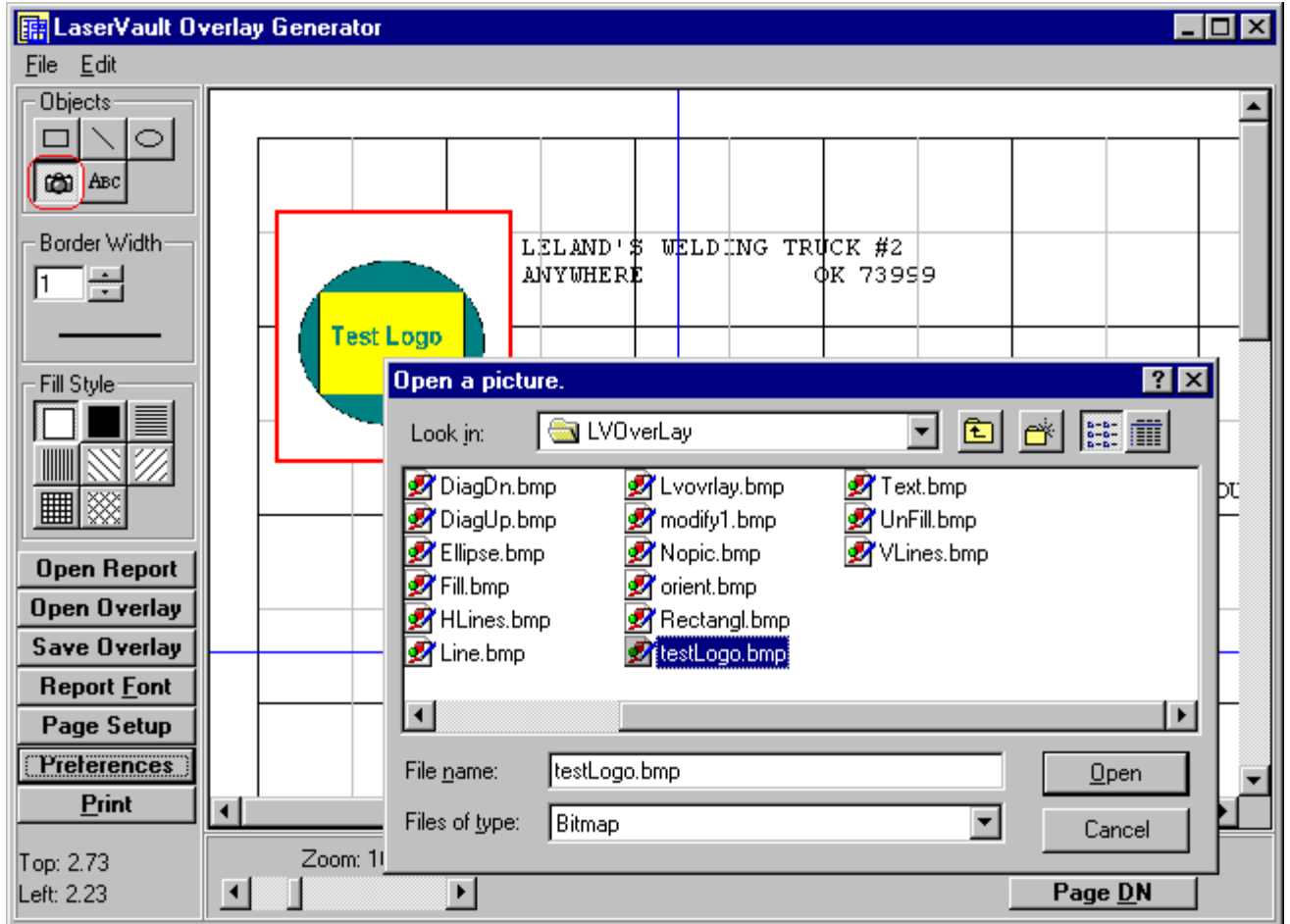
To add a picture, select the object button with the camera icon. Use the mouse to draw a rectangle onto the form where the picture should be displayed.

A dialog box will pop up allowing you to select a picture.

The following picture formats are supported:

- Windows Bitmap (BMP)
- Windows Metafile (WMF)
- Enhanced Metafile (EMF)
- GIF
- Most JPEG's (JPG)

Note: The picture will be resized to fill the rectangle you drew.

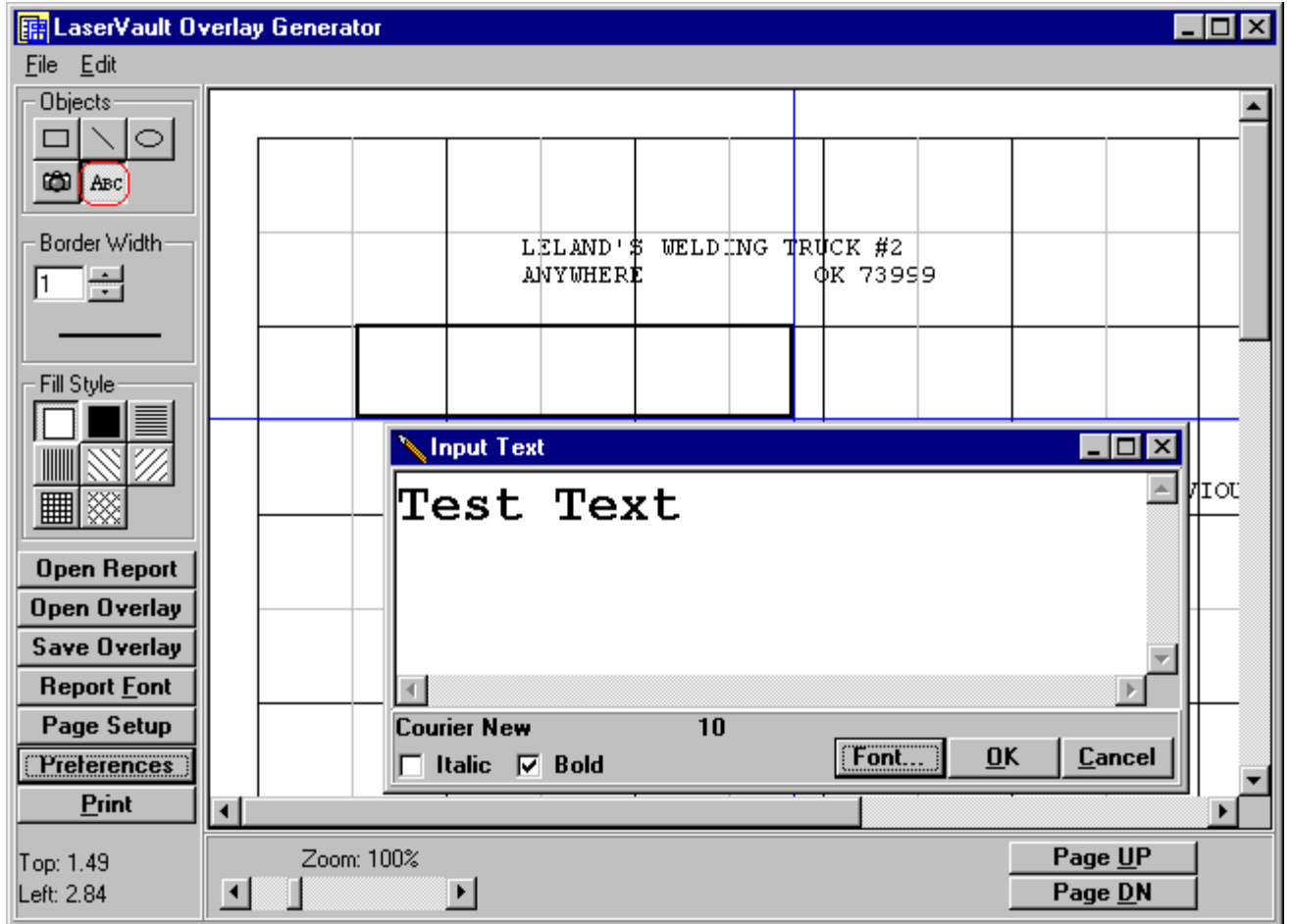


Adding Text
Editing Objects

Contents

Adding Text

To add text to the overlay, select the object with the "ABC" icon. Draw a rectangle where you want the text to be displayed, and a dialog box will pop up so you can set the text and font properties.



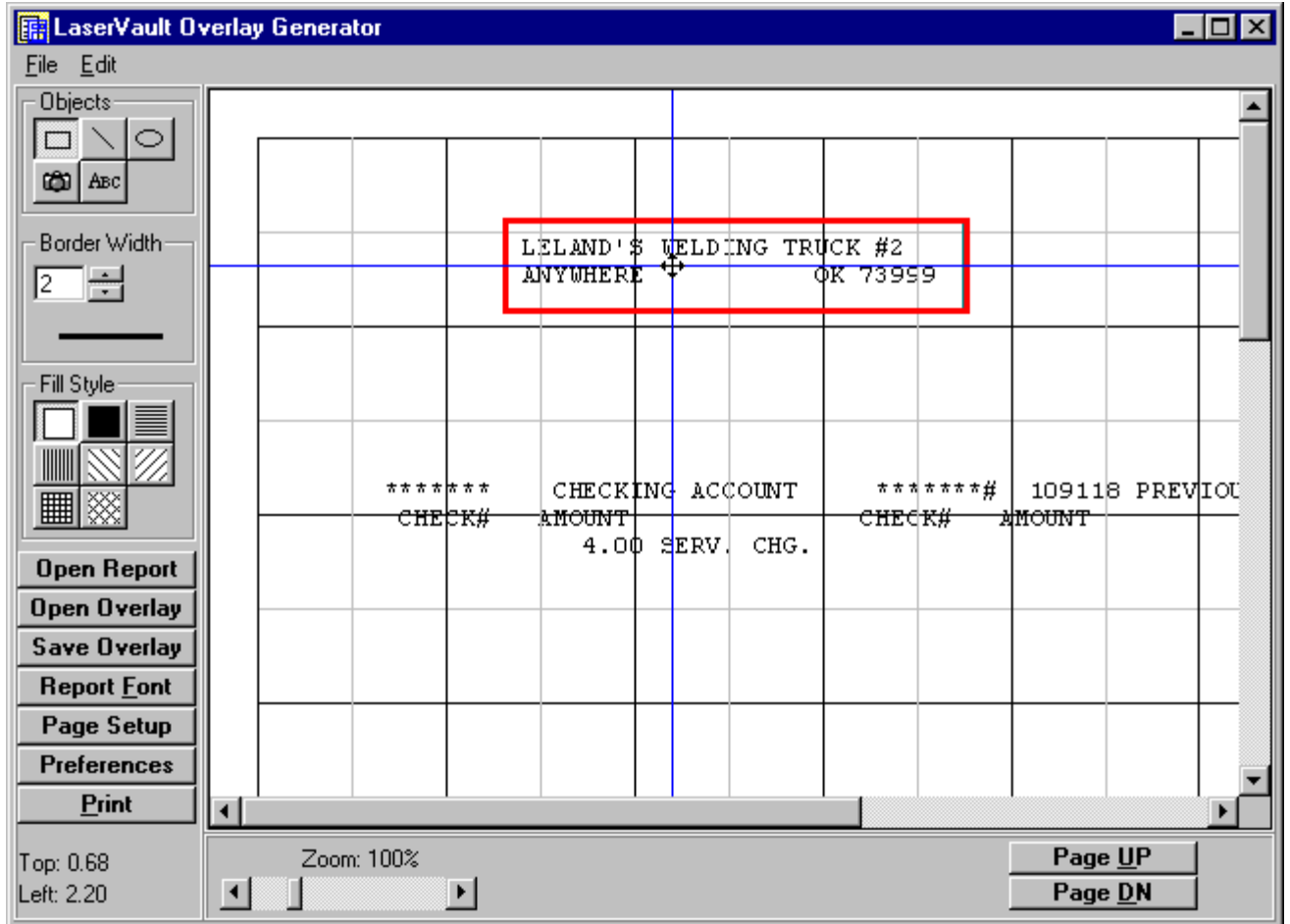
Editing Objects

Contents

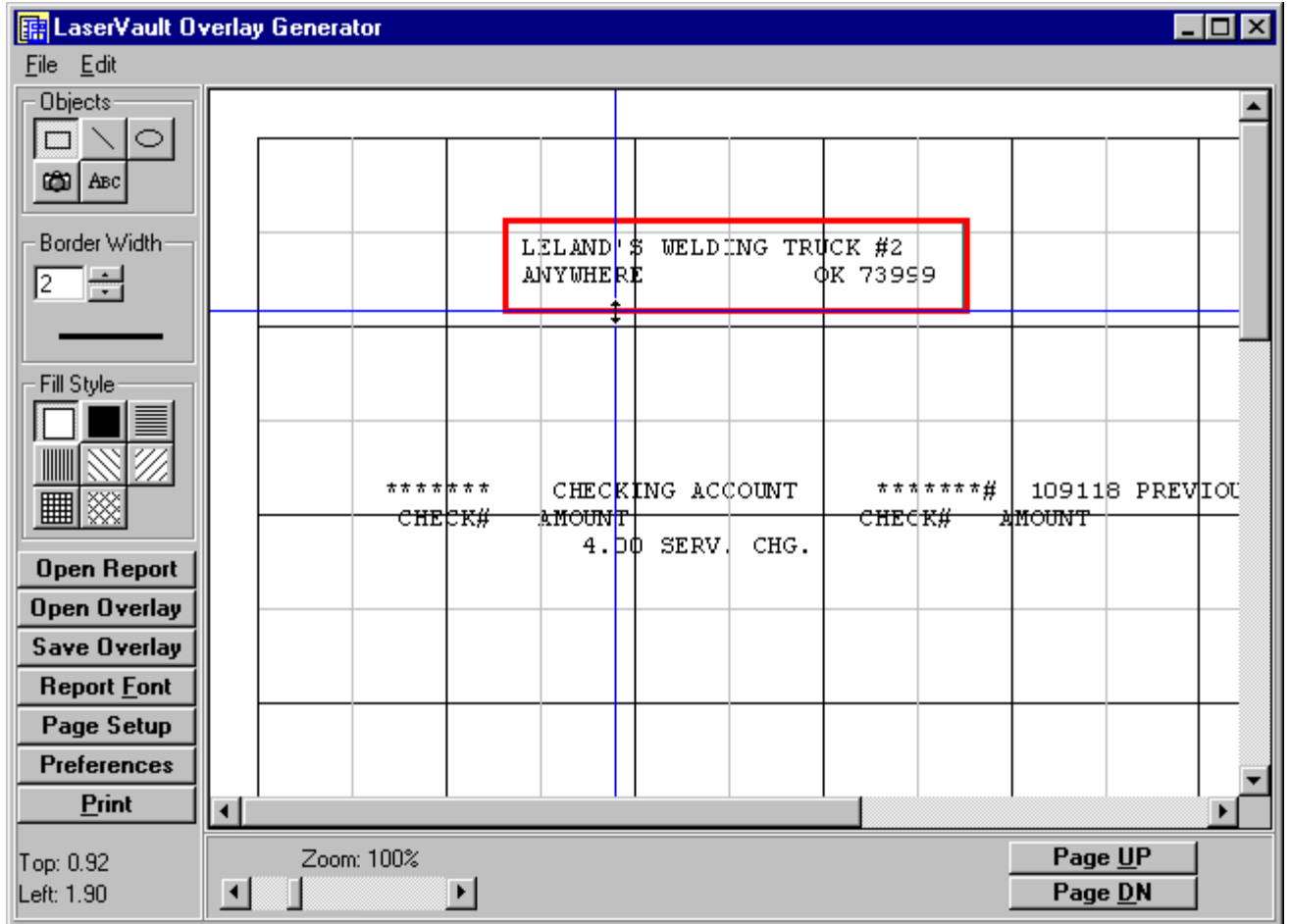
Editing Objects

After drawing an object on a form, you may want to change the location, size, or properties of the object.

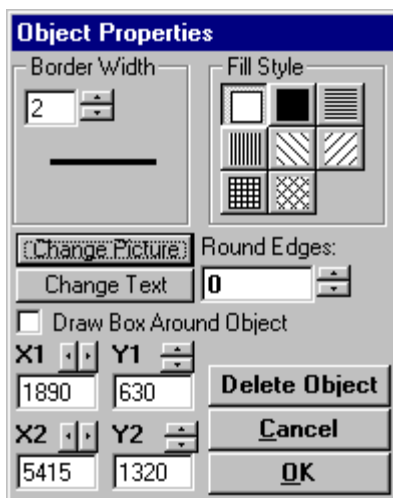
To move an object, hold down the shift key and click on the middle of the object, then drag the object to it's desired location.



To change the size of an object, move the mouse to the object's border, you will see the mouse pointer change to a resizing arrow, then drag the border of the object to its desired location.



To edit an object's properties, click with the right mouse button inside the object.



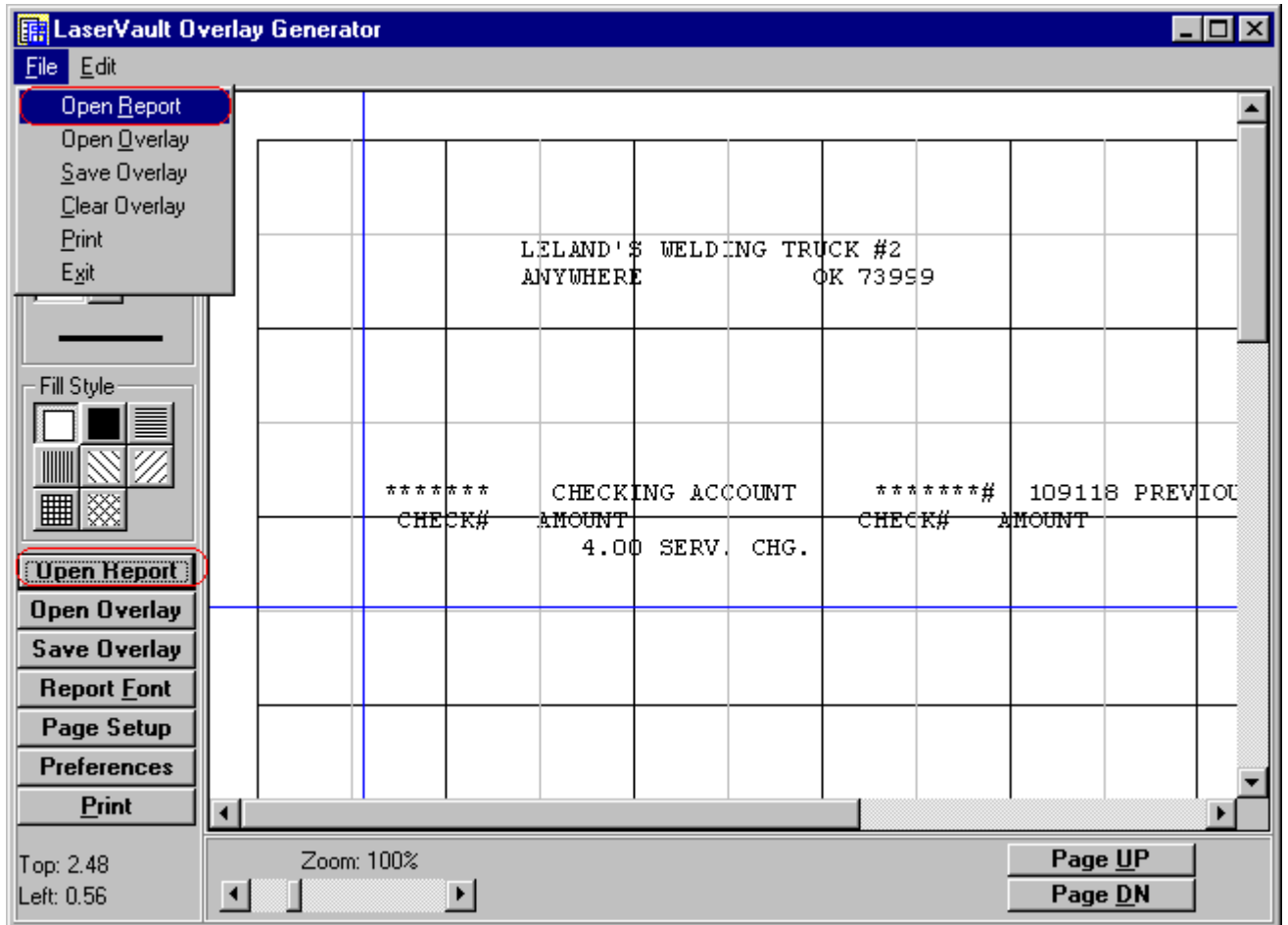
You can adjust the various object properties from this pop up screen.

The object can be deleted from this screen, or you can hold the mouse over the object and press the delete key.

Contents

Opening A Report

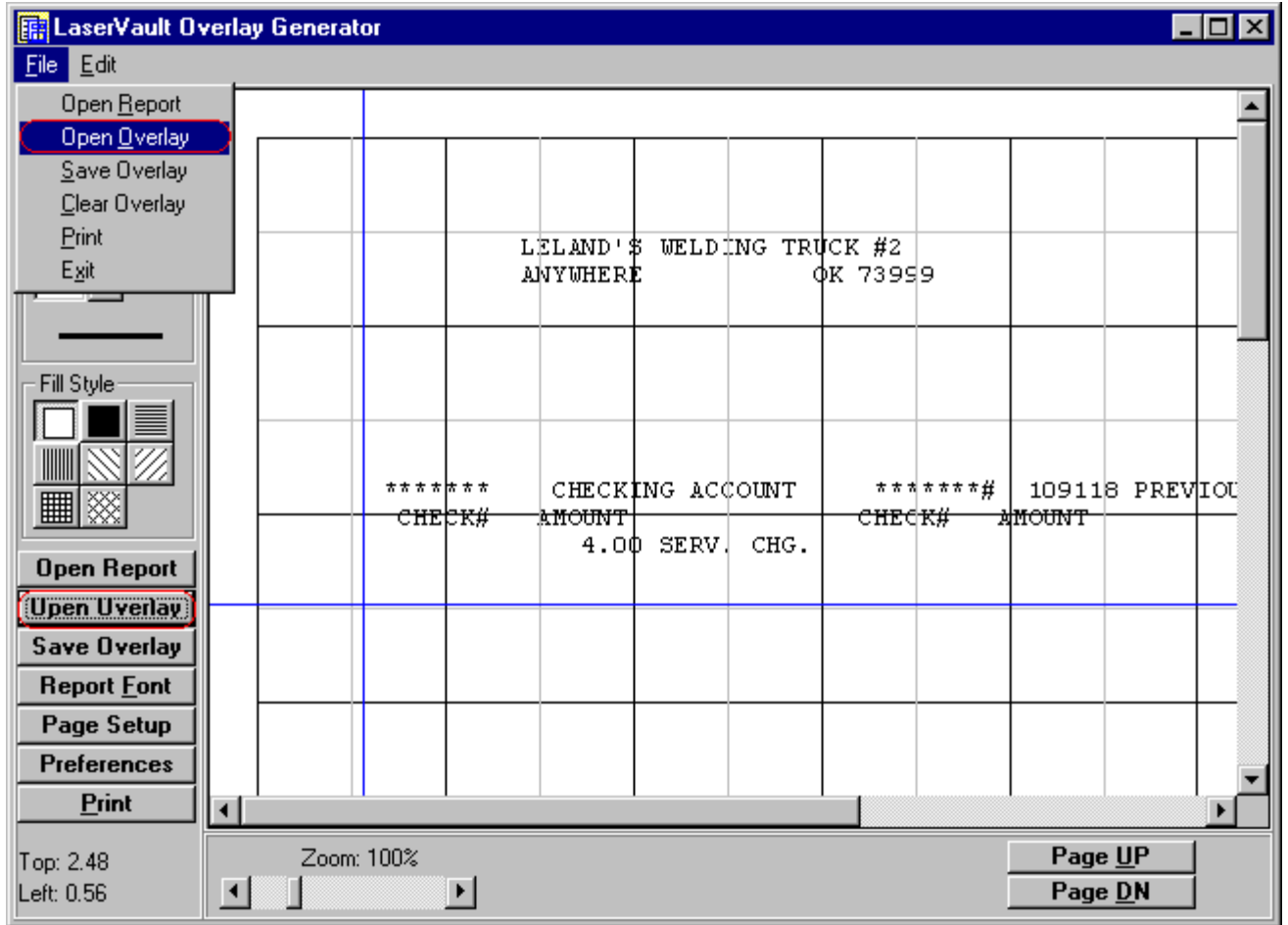
To open a report, click on the "Open Report" button or from the file menu, select "Open Report".



Contents

Opening An Overlay

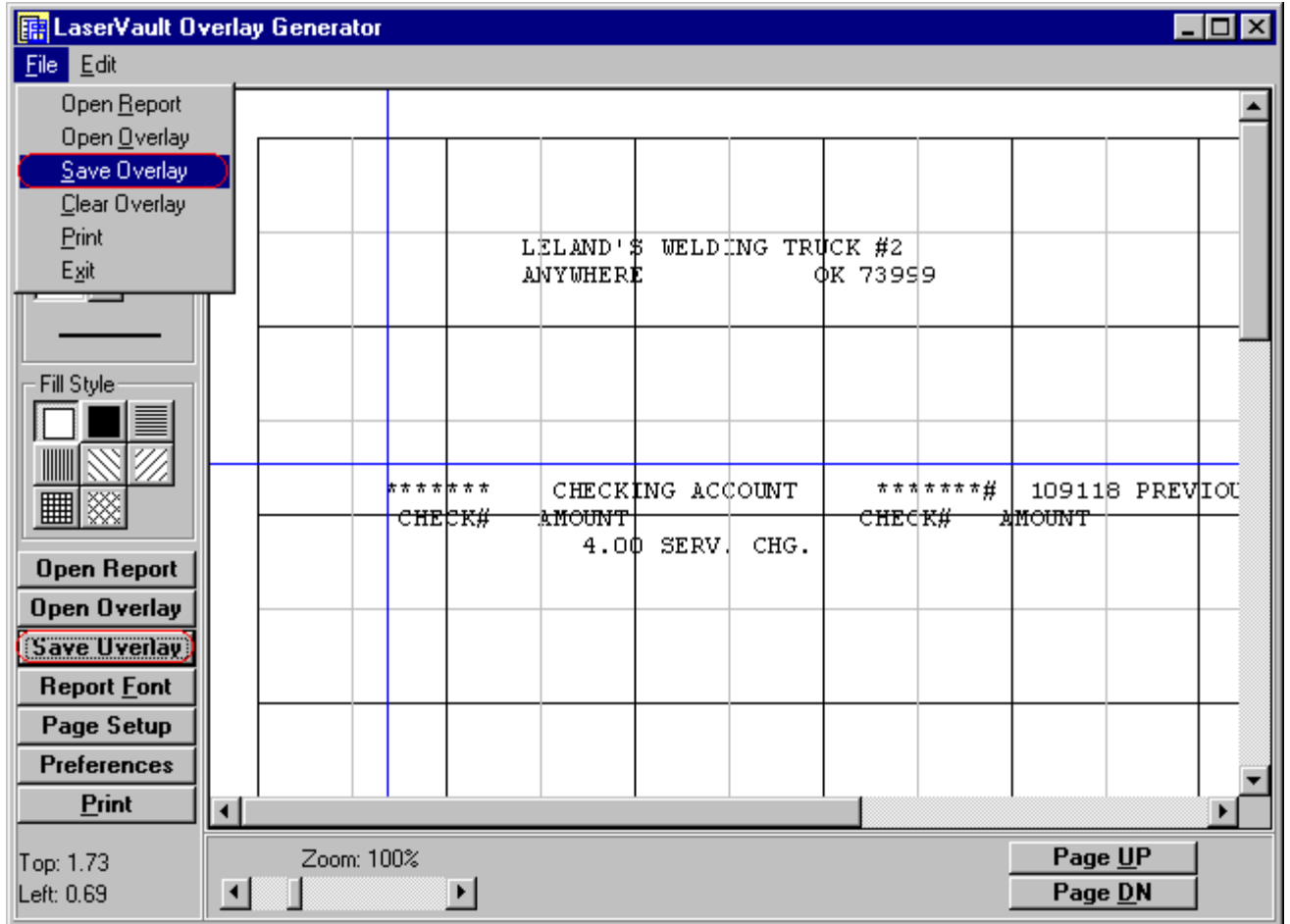
To open an overlay, click on the open overlay button or select the file menu and then select "Open Overlay".



Contents

Saving An Overlay

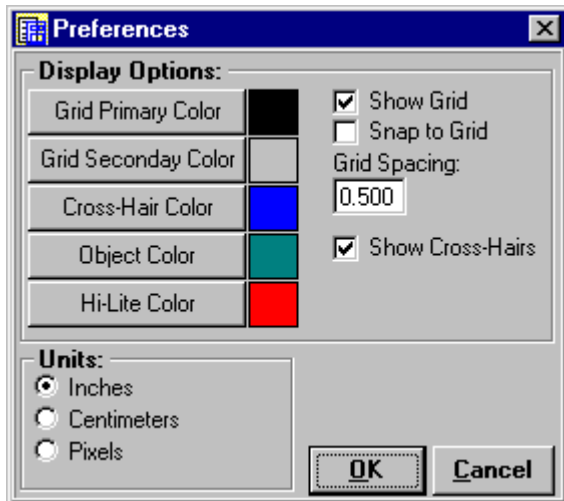
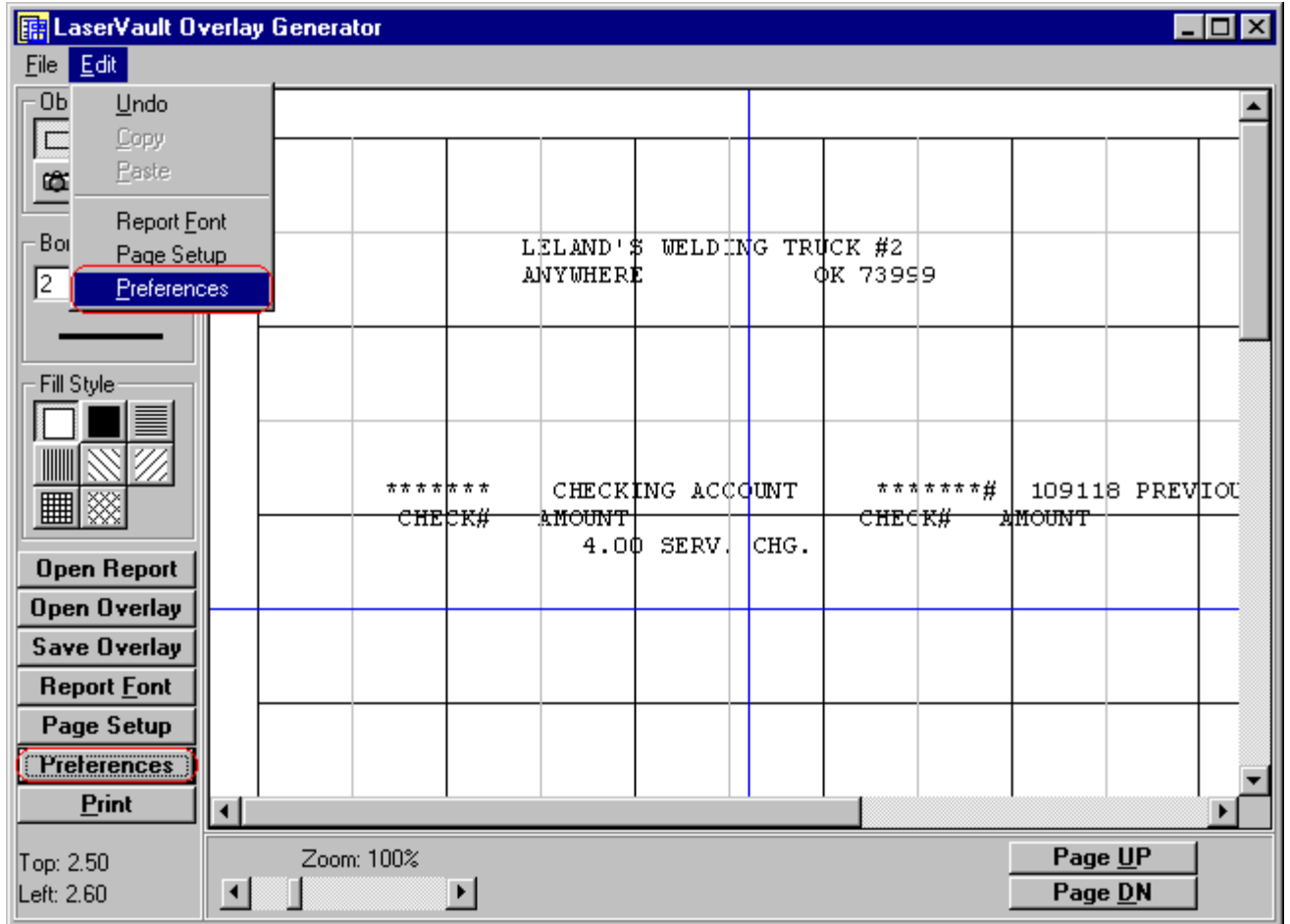
To save the current overlay, click on the "Save Overlay" button or from the file menu, select "Save Overlay".



Contents

Preferences

To change the Overlay Generator's preferences, click on the "Preferences" button or from the edit menu, select "Preferences".

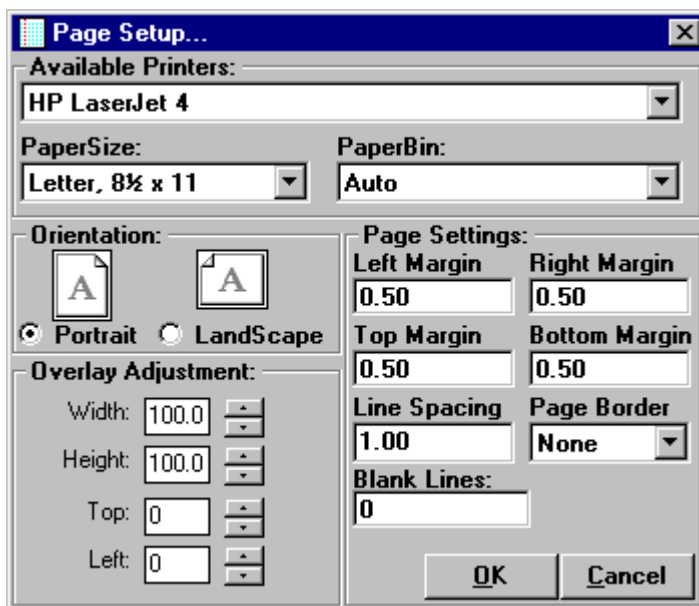
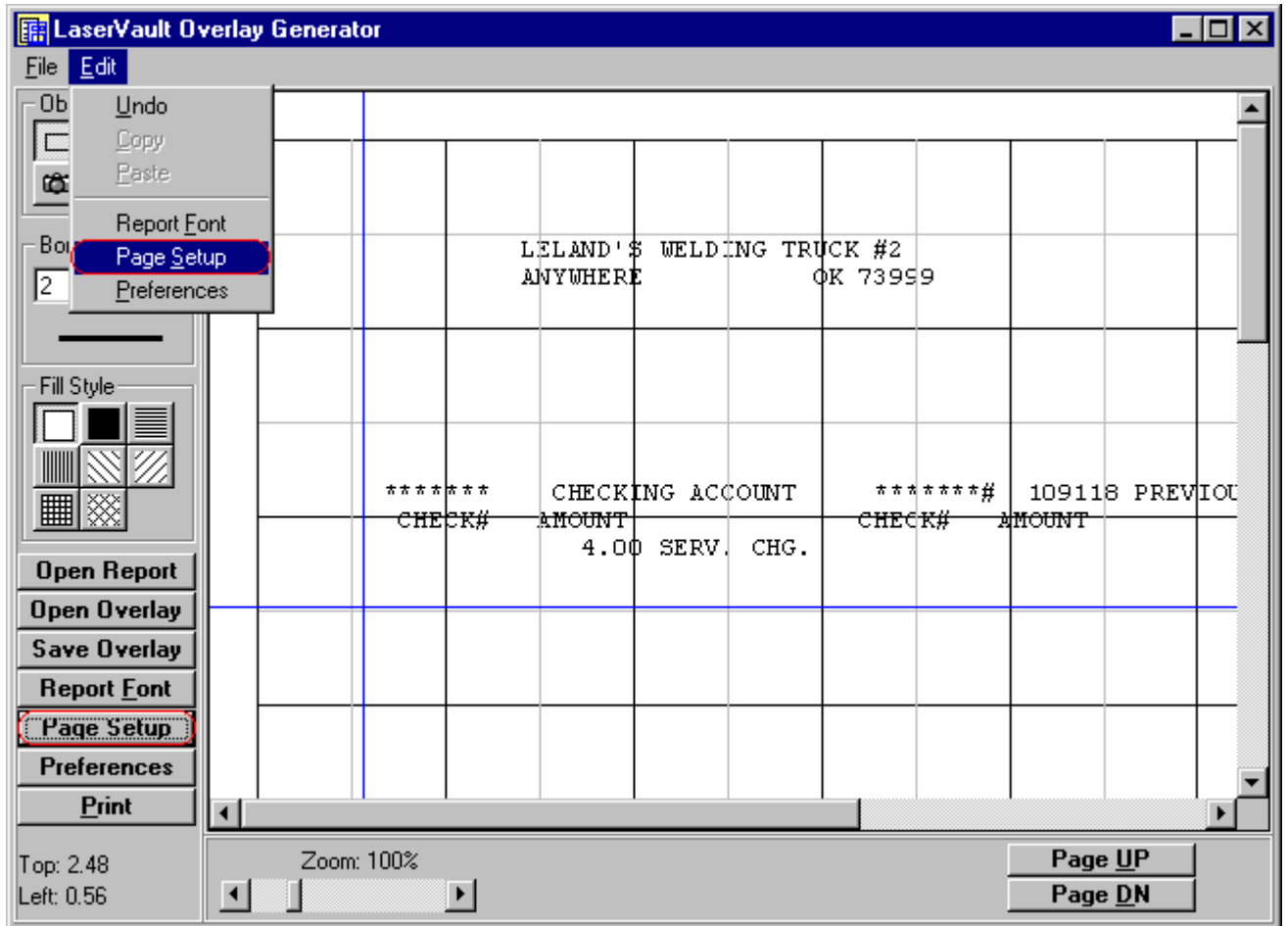


From this screen, you can set various color options. (note: color options only apply to the overlay editor. The end user will see all objects in black and white except for pictures.)

Contents

Page Setup

To change the page setup, click the "Page Setup" button or from the edit menu, select "Page Setup"



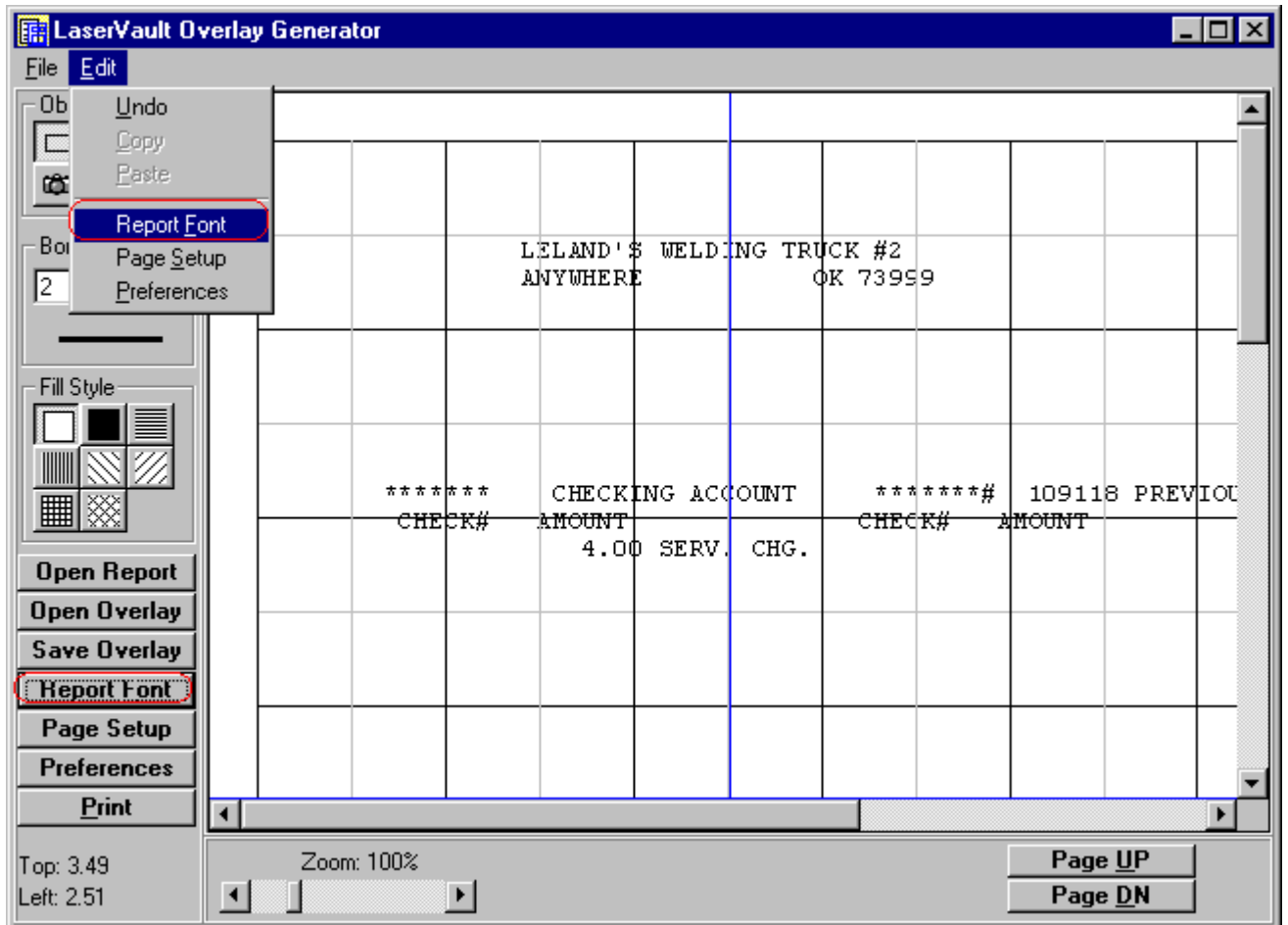
The overlay adjustment settings are helpful if you designed an overlay and then switched printers and the overlay is slightly offset.

Enter a number in the blank lines box will cause the overlay generator to add blank lines to the top of the text thus moving the report text downward.

Contents

Report Font

To set the report font, click on the "Report Font" button or from the edit menu, select "Report Font".



Contents

Frequently Asked Questions

Q1. How do I upgrade LaserVault Universal Server to the most current release?

A1. You simply need to download the newest release from our website. Then double click on the setup file and follow the prompts. (LVUSINS.EXE)

- If you are on version 2.60 of LaserVault Universal Server you will need to run a update program called Update to V2 60. You can find this in the Electronic Storage Corp program group from your start button.

Q2. How do I Upgrade from LaserVault Everywhere to LaserVault Universal Server?

A2. You will need to import the LaserVault configuration file which is located on the LaserVault PC. You will do this after installing the LaserVault Universal Server Program. You will simply start the program choose configuration button and then choose import config file button. You will need to install the LaserVault Universal Server Library to your Host System. If you are running Mainframe you will use FTP. If you are running AS/400 you can use your commands. If you are running UNIX you can use our FTP commands.

Note: This is a very indepth procedure and we recommend Installation and Training. Please contact use for this 800-444-6283. If you are running a CL to download and process your reports automatically, you will need to modify this with the new LVUS commands.

Q3. How do I maintain my Replist File?

A3. The replist file is located in your basepath directory. You can locate this file by choosing Edit Archive Button under configuration. You will see a statement called BasePath. This is the area where you reports are downloaded, index, and compressed. When the process option is ran the reports will be copied from this directory to your OptiPath Directory and stored in a Date format. Example : D:\Archive1\E000101. This would be the date format for January 01, 2000. Inside of this directory will also contain your replist file. All files are stored with a read only attribute. You use the replist editor program to maintain your replist.

Q4. I processed my reports and when I am viewing them the reports don't have a description and there are no keys built.

A4. The replist file was probably deleted from the basepath directory. Therefore when index is ran LaserVault will automatically build a replist file if one doesn't exist. You can reprocess the reports again with the correct replist. Do this copying the most recent replist file from your archive directory that corresponds with that basepath. Then you will need to remove the read only attribute. Then you can download your reports again and process them to a date. If you are wanting to process them to the same date that is incorrect you will need to rename the directory. Example: D:\Archive1\E000101 to D:\Archive1\S000101. LaserVault does not recognize a "S" date.

Q5. I have changed the report description of a report and now I want the new description to take affect with the older dates.

A5. You will need to run a command called repbld. You will need to get to a DOS prompt and then type repbld from the root of c:\ prompt. This will show you a example. If DOS reports back saying can't find or execute command. You need to do a search for the file repbld.exe and make sure the directory is in your path.

Q6. When I print back to the 400 I don't receive any output. What causes this?

A6. Make sure you have the Print Spooler Setup and running. You will also need to start LVUS LPD in Batch. Do this from LVUS Command Menu on your 400.

Q7. I am receiving a Path/File Access Error on LaserVault PC.

A7. Make sure that no other program is running besides LVUS, LVLDP, LVFTP, and LVUSSPL. Make sure the file doesn't have a read only attribute. Make sure that nobody across the network has the file open. If the report has been archived and you receive this error make sure that the optical drives are turned on and the disk is in the drive.

Q8. When trying to Login through Client I receive a connection refused by remote network.

A8. Make sure on your setup tab that you have the correct LaserVault server DNS name or IP address. If you do then can you ping the LaserVault server from that workstation. Can the LaserVault server ping that workstation. If no then check with your network administrator.

Q9. How do I setup a Overlay?

A9. You will need to start the program LaserVault Overlay Editor and choose the report. Then create your overlay and save it to the overlay directory that corresponds to that archive. If you need help on where to save the overlay you will need to edit the associated archive and look for OverlayPath. The next time you sign on through client the overlay will be displayed in the Print Tab after checking print graphical overlay on print setup.

Q10. How do I setup Report Cross Reference?

A10. You will need to edit the archive that you are wanting to do report cross reference and check the option build report cross references. Restart LVUS program and the next time you run update you will receive this option in client. If you don't want to wait for the next update before this option is available, you will need to export the config file then exit the server. From a DOS prompt type lv 1 /xref. This command will rebuild your cross references. You will need to substitute the number "1" with the desired archive number.

Q11. How do I setup Key Cross Reference?

A11. You will need to edit the archive and add the dos filenames of the report that your are building keys. Restart the LVUS program and then next time you run update you will receive this option. If you don't want to wait for the next update before this option is available, you will need to export the config file then exit the server. From a DOS prompt type lv 1 /allxi. This command will rebuild your cross indexes. You will need to substitute the number "1" with the desired archive number.

Q12. How do I setup Global Cross References?

A12. You will need to choose the configuration button on LVUS. Then choose Global Settings. From there you will see a option Global Indexes. Check this option then choose Global Index Config.

Q13. What files are necessary to save for disaster recovery?

A13. You will need all the MDB files for LVUS which are located in C:\Program Files\LVUS. You will need any replist files for each archive. We suggest that you copy each replist file into a subdirectory that matches your basepath directory. You will need to save your Lvnotes.mdb file. You will also need to have a copy of the installation program lvusins.exe.

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One of the most innovative report management software companies in the world, Electronic Storage Corporation (ESC) provides the best electronic solutions for long-term on-site storage of computer-processed information. Determined to be without equal at adapting to multi-vendor environments, ESC provides the flexibility needed for interconnection with host computer and application from a variety of sources.

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