



LaserVault Universal Client for the AS\400 Administrative & User Functions

For Technical Support on this Product e-mail our support staff: support@elstore.com.

Contents

Basics

- Choosing An Archive
- Choosing A Report
- Viewing A Report
- Printing A Report
- **Advanced Features**
- Using Mark and Print

Telnet Options

- Telnet Login
- Accessing Archives Through Telnet
- Telnet Date Sequence
- Telnet Report Sequence
- Telnet Cross Index Sequence
- Telnet Admin Menu

Electronic Storage Corporation

Choosing Archives

Normally, the first screen you see in LaserVault Universal Client (LVUC) is the Archive Selection screen. An Archive is a logical grouping of reports over a span of dates.

```
3/08/01                LaserVault Select Archive                9:52:35

Opt  Archive Description

  1  Test
  2  Test 2

                                                                    Bottom

Selection: _____

F3=Exit    F12=Cancel
```

The Archives available to you will depend on what kind of Access Control List (ACL) your administrator has setup for you. You may be prompted for a password when selecting a archive if the system has assigned a password to a archive.

Choosing Reports
Contents

Choosing A Report

To choose a report, first select a report sequence located on the right side of the program.

Date Sequence:

In date sequence, you first select a date, and then select a report in that date.

```
3/08/01                LaserVault Select Sequence                9:53:31

Opt  Sequence

  1  Date
  2  Report
  3  Index

Selection: _____

F3=Exit    F12=Cancel
```

Report Cross Reference Sequence:

In report cross reference sequence, you first select a report, then select a date.

Opt	Report	
1	ACCOUNTS FINAL AND CYCLE BILLED	1
2	BIG Report	383
3	Bills	8
4	DEMAND SCHEDULE OF ACCOUNTS RECEIVABLE	4
5	Display Job	162
6	FRANKLIN	9
7	Invoice	4
8	LV153828 Report	1
9	LV153902 Report	1
10	LVCLIENT Report	683
11	OP22 Report	6
12	OUTSTANDING INVOICE LIST	1
13	Ramset	183
14	Some Report	2

Bottom

Selection:

F3=Exit F12=Cancel

Viewing the Report
Contents

Viewing A Report

After choosing a report, you will see the view screen.

12/22/87		C. D. T R I A L B A L A N C				
CUST NBR	N A M E	CD NBR	CURRENT BALANCE	ORIGINAL BALANCE	AC IN	
100021	MR OR MRS W A SMITH	8719	79,000.00		2,8	
		8742	6,000.00		2	
	** CUSTOMER TOTAL **		85,000.00			
100056	MR. OR MRS. EDWARD E. PEELER	4893	10,000.00		1	
		5255	13,000.00		1	
		5254	13,000.00		1	
		5300	12,000.00			
		5950	10,000.00		1	
		5952	10,000.00		1	
	** CUSTOMER TOTAL **		68,000.00			
100064	LARA, LISA & LANA KAMPHAUS	5158	10,000.00		1	
		5191	10,031.42		1	
					More...	
02-18-01	LVCLIENT Report		683			
Option:	Value:	_____				
Current Index:	*** NONE ***					
F1=Help	F3=Exit	F12=Cancel				

Doing a Key Lookup

If your LaserVault system administrator has setup keys on the report you selected, you can select the key by taking an option 8 and entering the Key Value

02-18-01	Display Job	162
Option: 8	Value: QPADEW0007	_____
Current Index:	Job	
F1=Help	F3=Exit	F12=Cancel

Press "Enter" and the first match will be found. If there was not an exact match, then the closest match will be found.

To position to the next occurrence of the value or the next higher value, select option 6.

To position to the previous occurrence of the value or the next lower value, select option 5.

If no keys are setup on the report, or you wish to search for a value that doesn't have an index, you can do a sequential search by selecting option 3 and search for the value starting on the current page.

NOTE: To search the entire report, be sure to select option H to go to the beginning of the report.

Options:

Option 1 - Displays LaserVault Help Screen

Option U, D, R, L - Scrolls report Up, Down, Right, Left.

Note: You can view all LaserVault Options by selecting Option 1 and viewing the AS/400 LaserVault Help Screen.

Contents

Printing A Report

To print one or more pages of a report, select option 9.

12/22/87		C. D. T R I A L B A L A N C			
CUST NBR	N A M E	CD NBR	CURRENT BALANCE	ORIGINAL BALANCE	AC IN
100021	MR OR MRS W A SMITH	8719	79,000.00		2,8
		8742	6,000.00		2
	** CUSTOMER TOTAL **		85,000.00		
100056	MR. OR MRS. EDWARD E. PEELER	4893	10,000.00		1
		5255	13,000.00		1
		5254	13,000.00		1
		5300	12,000.00		
		5950	10,000.00		1
		5952	10,000.00		1
	** CUSTOMER TOTAL **		68,000.00		
100064	LARA, LISA & LANA KAMPHAUS	5158	10,000.00		1
		5191	10,031.42		1
					More...
02-18-01 LVCLIENT Report		683			
Option: <u>9</u> Value: _____					
Current Index: *** NONE ***					
F1=Help		F3=Exit		F12=Cancel	

You can print just the current page or all marked pages by taking this option.

Contents

Using Mark And Print

To mark a single page, press select Option m to mark the page. You will see the page change colors.

12/22/87		C. D. T R I A L B A L A N C				
CUST NBR	N A M E	CD NBR	CURRENT BALANCE	ORIGINAL BALANCE	AC IN	
100021	MR OR MRS W A SMITH	8719	79,000.00		2,8	
		8742	6,000.00		2	
	** CUSTOMER TOTAL **		85,000.00			
100056	MR. OR MRS. EDWARD E. PEELER	4893	10,000.00		1	
		5255	13,000.00		1	
		5254	13,000.00		1	
		5300	12,000.00			
		5950	10,000.00		1	
		5952	10,000.00		1	
	** CUSTOMER TOTAL **		68,000.00			
100064	LARA, LISA & LANA KAMPHAUS	5158	10,000.00		1	
		5191	10,031.42		1	
					More...	
02-18-01 LVCLIENT Report		683				
Option:	_	Value:	_____			
Current Index:	*** NONE ***					
F1=Help	F3=Exit	F12=Cancel				

To mark multiple consecutive pages, select Option M at the page you want to start with, then page down and select it again on the page you want to end with.

After marking the pages you require, select option 9 to print marked pages.

Contents

Telnet Login

If you are running LaserVault Universal Server you can access your reports through standard Telnet Client or AS/400 Telnet. To access your reports through AS/400 Telnet Client follow these steps.

Step 1:

From a command line type in telnet IP Address of the LaserVault Universal Server and press "Enter"

type telnet IP Address and then click on "OK"

Note: IP address is the IP address of LaserVault Universal Server or use DNS Name.

Example: telnet 10.13.14.15

telnet lvserver.domain.com

or DNS Name

```

Selection or command
==> telnet 10.11.12.13

F3=Exit  F4=Prompt  F9=Retrieve

```

Step 2:

You will be prompted for "User Name" and "Password". Please fill in the parameters and hit enter after the password.

```

*****
*****
**          ##          ##          #####          #####          #####          **
**          ##          #####          ##          ##          ##          ##          **
**          ##          ##          ##          ##          ##          ##          **
**          ##          #####          #####          #####          #####          **
**          ##          ##          ##          ##          ##          ##          **
**          ##          ##          ##          ##          ##          ##          **
**          #####          ##          ##          #####          #####          ##          **
**          **          **          **          **          **          **          **
**          ##          ##          ##          ##          ##          ##          #####          (TM)          **
**          ##          ##          #####          ##          ##          ##          ##          **
**          ##          ##          ##          ##          ##          ##          ##          **
**          ##          ##          #####          ##          ##          ##          ##          **
**          ##          ##          ##          ##          ##          ##          ##          **
**          #####          ##          ##          ##          ##          ##          ##          **
**          ##          ##          ##          #####          #####          ##          **
*****
*****
User Name: admin
Pass Word: (F6=Hide Input): admin

```

It will then validate the login and then show you the Archives that you have available.

Accessing Archives Through Telnet

Telnet Date Sequence

Telnet Report Sequence

Telnet Cross Index Sequence

Telnet Admin Menu

Contents

Accessing Archives Through Telnet

You will be prompted for the Archives that are available per User Login set by Access Control List on LaserVault Universal Server.

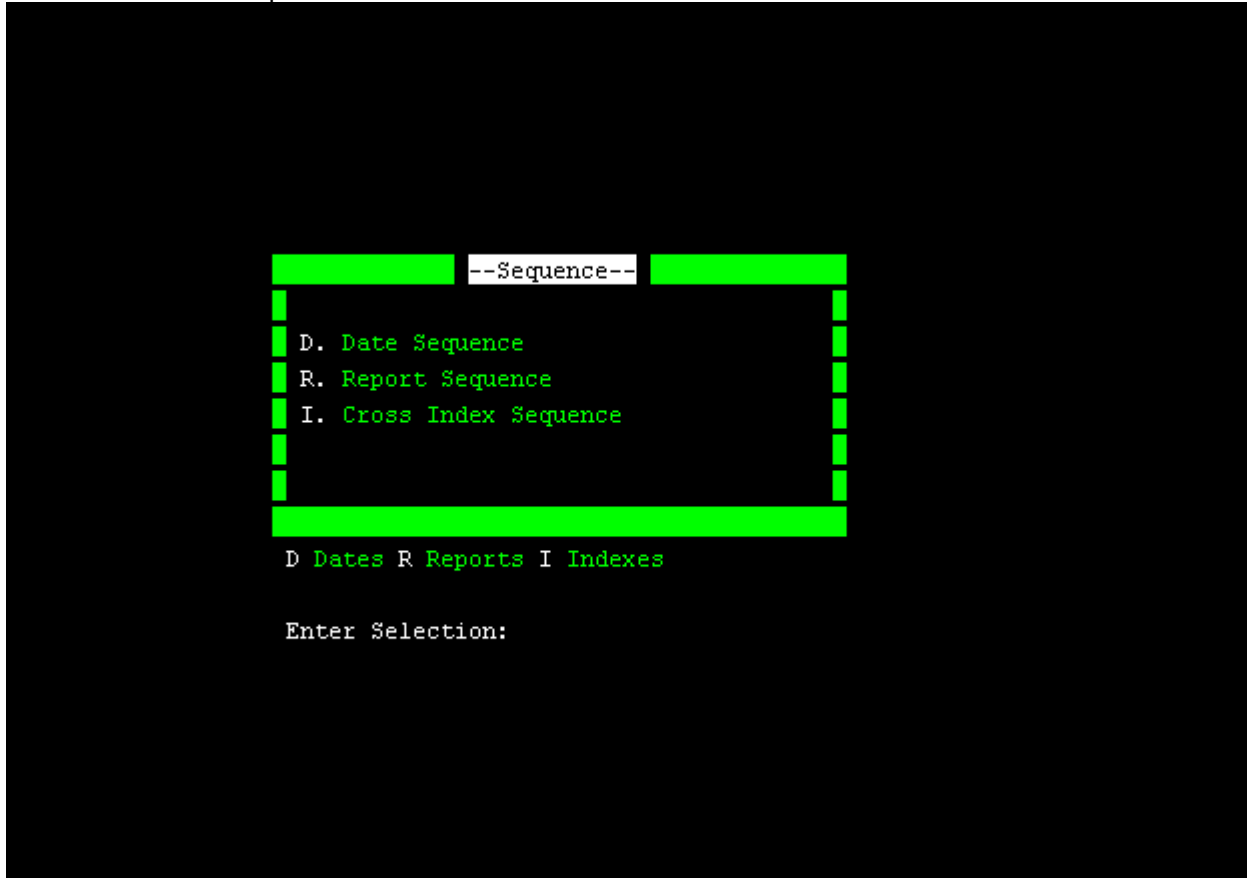
Step 1:

Choose available archive by entering the number and then pressing "Enter" Button.

Step 2:

Will display a window that you have the option of selecting

- Date Sequence
- Report Sequence
- Cross Index Sequence

**Step 3:**

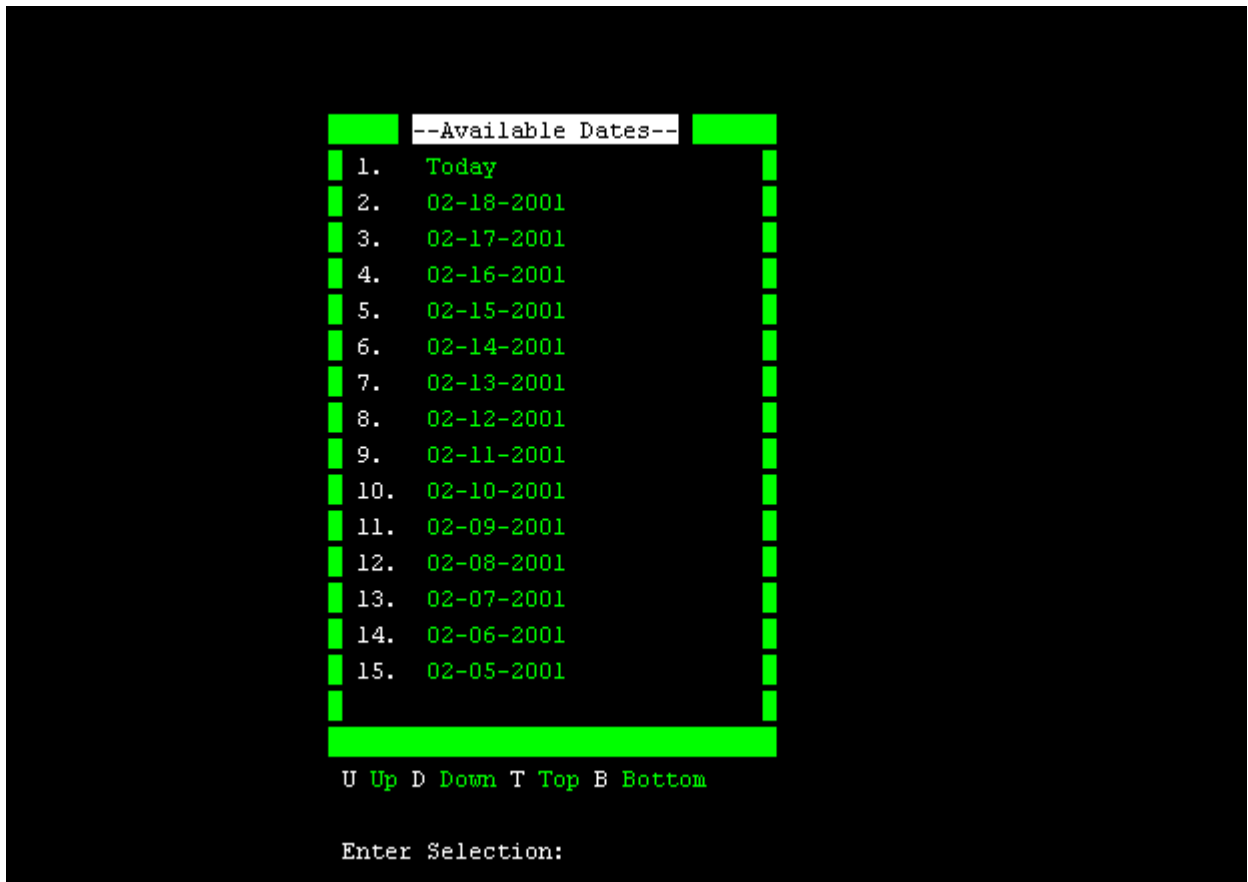
Select the desired Sequence and then press "Enter" Button

Telnet Date Sequence
Telnet Report Sequence
Telnet Cross Index Sequence
Telnet Admin Menu

Contents

Telnet Date Sequence

First Screen will display all Date available for the selected archive.



Select the number for the date you want to view and then press "Enter" Button.
The next screen will show you the available reports for that date selected.



Once the Available Reports box has appeared then select the report you want to view by typing in the number and pressing the "Enter" Button.
The report will then be displayed.

12/22/87		C. D. T R I A L B A L A N C			
CUST NBR	N A M E	CD NBR	CURRENT BALANCE	ORIGINAL BALANCE	AC IN
100021	MR OR MRS W A SMITH	8719	79,000.00		2,8
		8742	6,000.00		2
** CUSTOMER TOTAL **			85,000.00		
100056	MR. OR MRS. EDWARD E. PEELER	4893	10,000.00		1
		5255	13,000.00		1
		5254	13,000.00		1
		5300	12,000.00		
		5950	10,000.00		1
		5952	10,000.00		1
** CUSTOMER TOTAL **			68,000.00		
100064	LARA, LISA & LANA KAMPHAUS	5158	10,000.00		1
		5191	10,031.42		1
					More...
02-18-01 LVCLIENT Report		683			
Option:		Value:	_____		
Current Index: *** NONE ***					
F1=Help	F3=Exit	F12=Cancel			

Telnet Report Sequence
Telnet Admin Menu

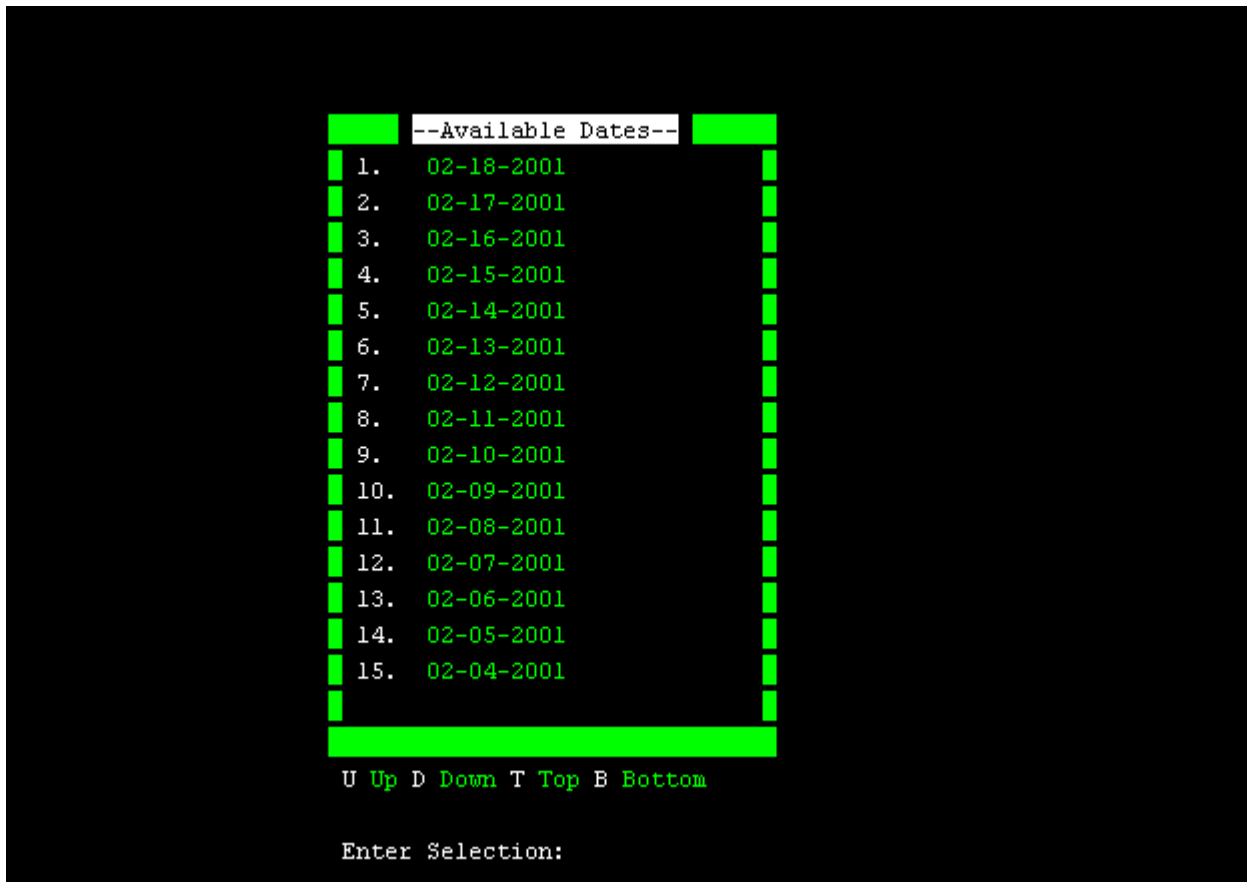
Contents

Telnet Report Sequence

First screen displayed will show you all available reports for the archive.



Select the report and the next screen will show you the available dates that the report exist in.



Select the date and then press the "Enter" Button and the report will be viewed.

Telnet Admin Menu

Contents

Telnet Cross Index Sequence

First screen that will be displayed will be Available Cross Index Reports



Select on the desired report to view the available keys for that report.



Now choose the desired key that you want to lookup and press "Enter" Button.
The next screen will ask you to type in a certain "KEY" or press "F4" to display a list of keys.

```
--Enter Cross Index Value--  
  
Enter a key value and press enter.  
OR: Enter a partial key value, then press F4 to display a list  
starting from the partial key value.  
  
F12,ESC = Exit  
  
Enter Value For Account # (F4=List):
```

Your "KEY" values will be displayed and then you will need to select the number of the desired "KEY" and the report will open with that "KEY" highlighted.

```

-----*-----1-----*-----2-----*-----3-----*-----4-----*-----5-----*-----6-----*-----7-----*-----8
AR09C1
01042001  6:39:09                                OUTSTANDING INVOICE LIST
DAYEND                                          BY CUSTOMER NUMBER
CMP/DIV/LOC-  1  1  1                            1/04/2001

CUSTOMER_# NAME          INVOICE#  DATE  SLS  TERMS  TOTAL_DUE  CURRENT
      40040          INN-JONDI          23   7-030
              456796  02232000  INV
              456796  12122000  PYM
              456796  12192000  PYM
              456796  12282000  PYM
              456796  01032001  PYM

              458340  03012000  INV
              458340  03032000  ADJ
              458340          REF#
              458340  03102000  ADJ
02-01-2001|OUTSTANDING INVOICE LIST 1|Key=Invoice #
1 Help 3 Find 4 Next 5 KeyPrev 6 KeyNext 7 KeyList 8 KeySrch 9 Print
U PgUp D PgDn H Home E End - LnUp + LnDn 0 Options F12,ESC = Exit
Enter Selection: █

```

Contents

Telnet Admin Menu

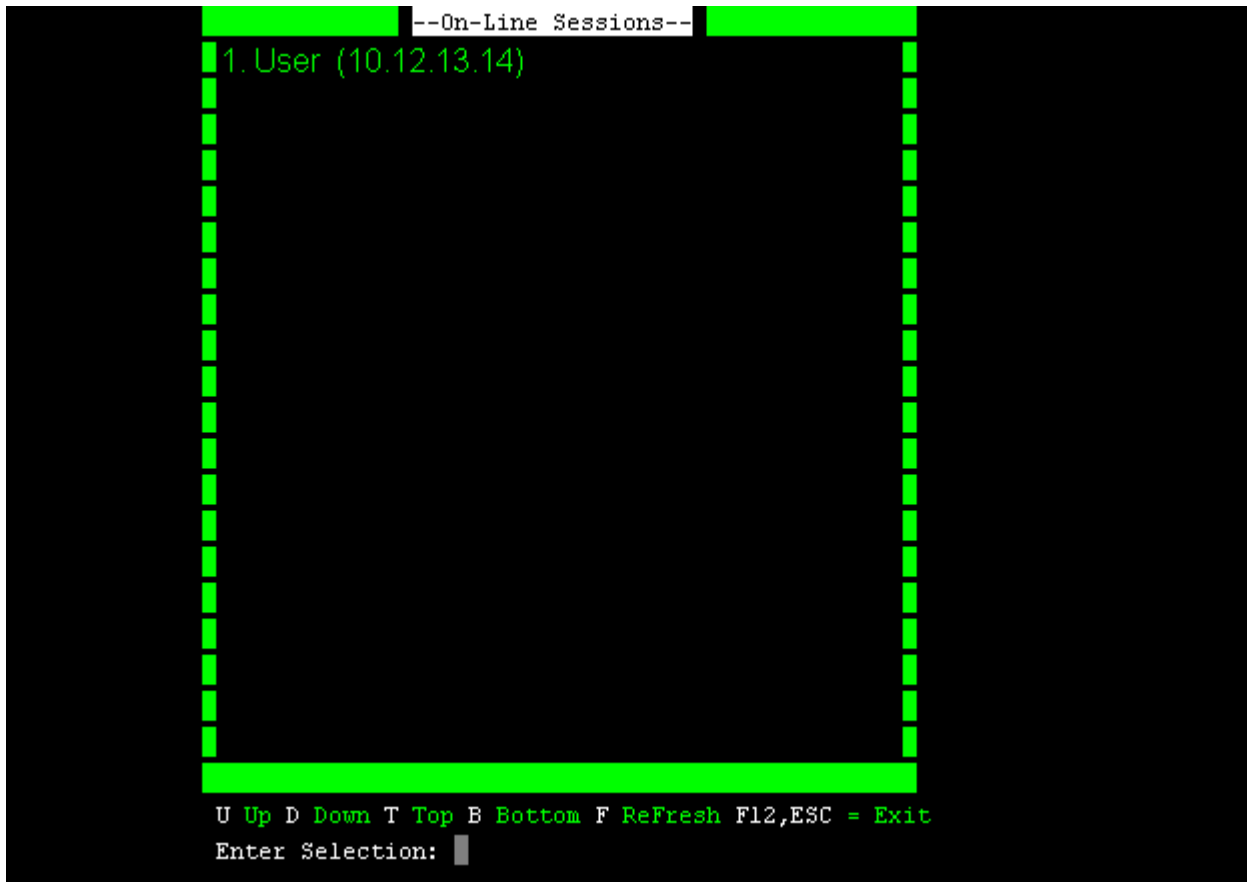
Admin Menu if for Administration use only. It will only be available for the person or persons that have Admin Authority.

Options in Admin Menu

- View Another Session
- Manage Printing
- Delete Reports in Basepath
- Index Reports
- Compress/Uncompress Reports
- Update Reports
- Backup Reports
- Send User Message
- Rebuild Report Xrefs
- Rebuild Key Xrefs
- Rebuild Global Indexes

Viewing Another Session:

Once a User is logged in you can go to this menu option and it will display the User Name and IP Address of that User. Select the User of the session you want to view and then you will see their session.

**Manage Printing:**

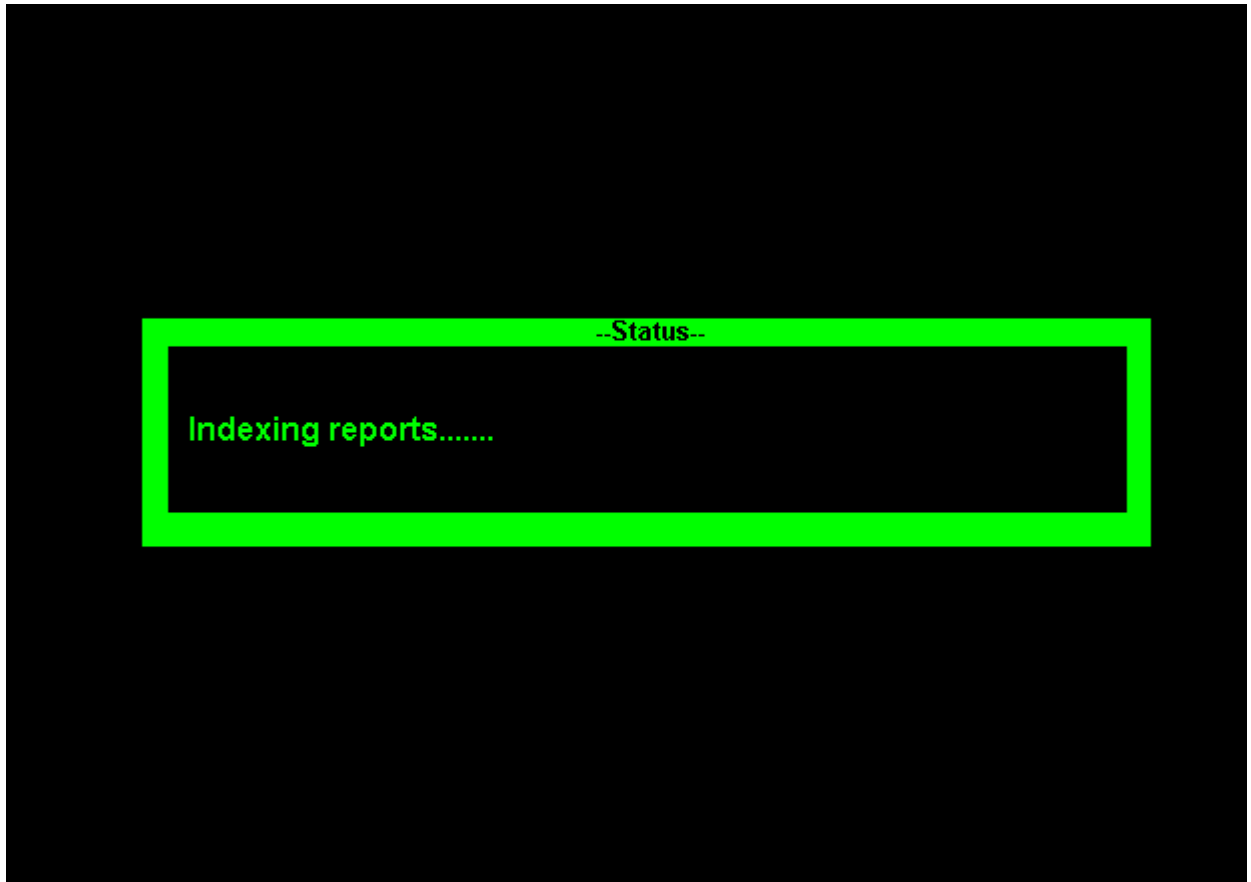
When a User chooses to print a report you have the option to Hold, Delete, or Release the print job

```
User          Date      Time      State      F12,ESC = Exit
1.  Lvuser    03/08/01  10:02:17  Ready
    CDTB Report

U Up D Down T Top B Bottom H Hold R Release X Delete F ReFresh
Enter Selection:
```

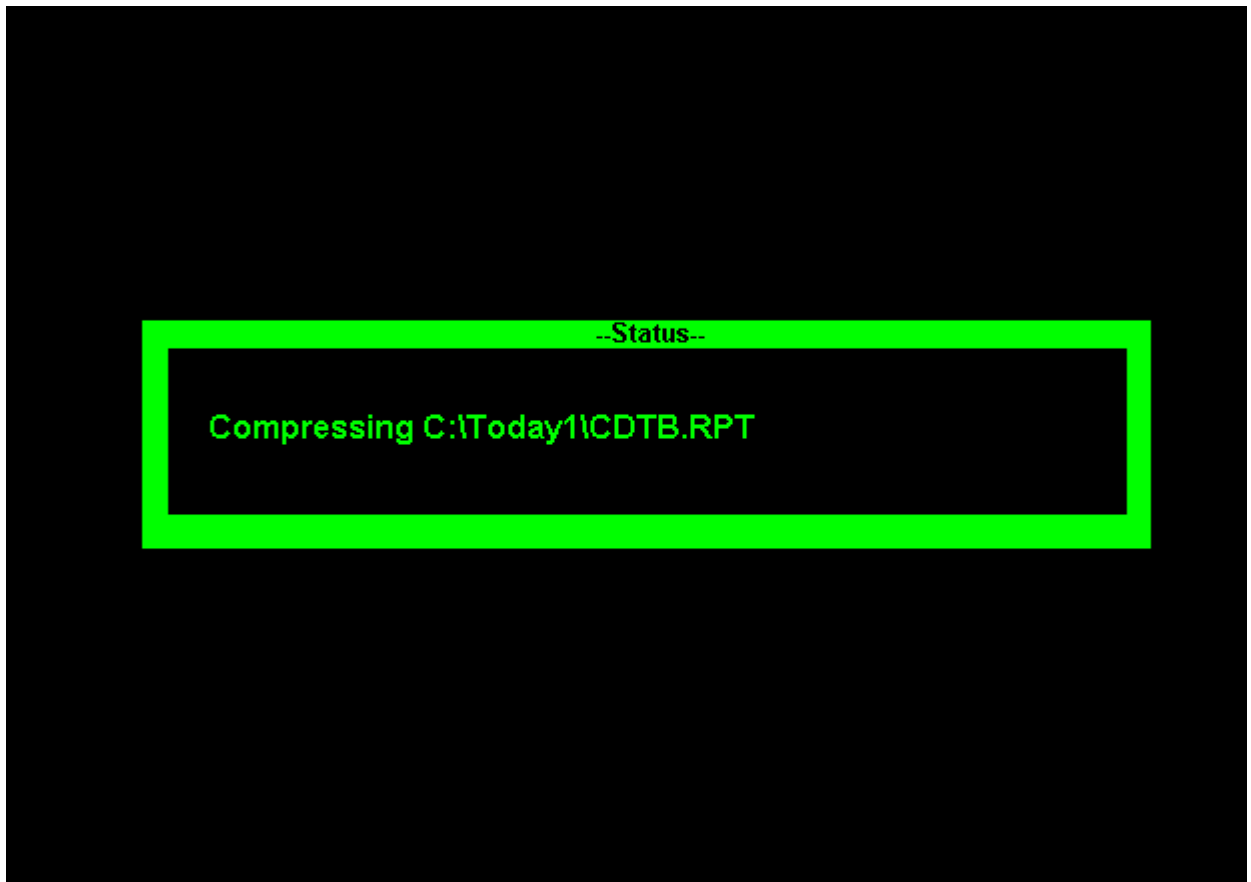
Index Reports:

You can index the current reports in the basepath for the Archive that you selected.



Compress/Uncompress Reports:

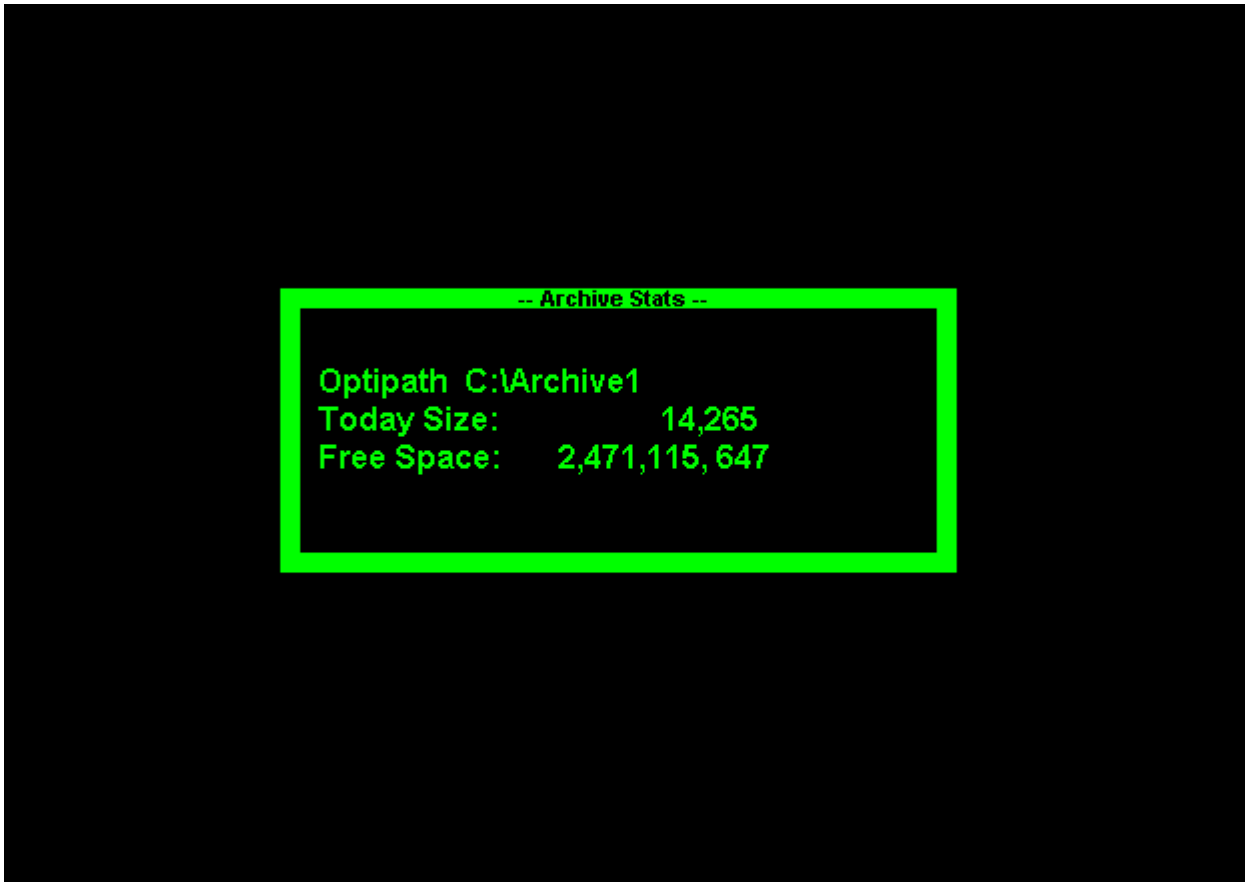
Before Updating reports to Archive the reports should be Compressed. Telnet will then ask you to Enter "C" to compress, "U" to uncompress reports.

**Update Reports:**

This will Archive the reports to a given date. You will need to Enter a Date in MM/DD/YYYY format.

Enter an archive date for the current set of reports (MM/DD/YY) : 03/08/2001

The next screen will ask you to confirm the date to archive by pressing "Y" for Yes or "N" for No.



Once "Enter" is pressed Telnet will verify the reports and then update.

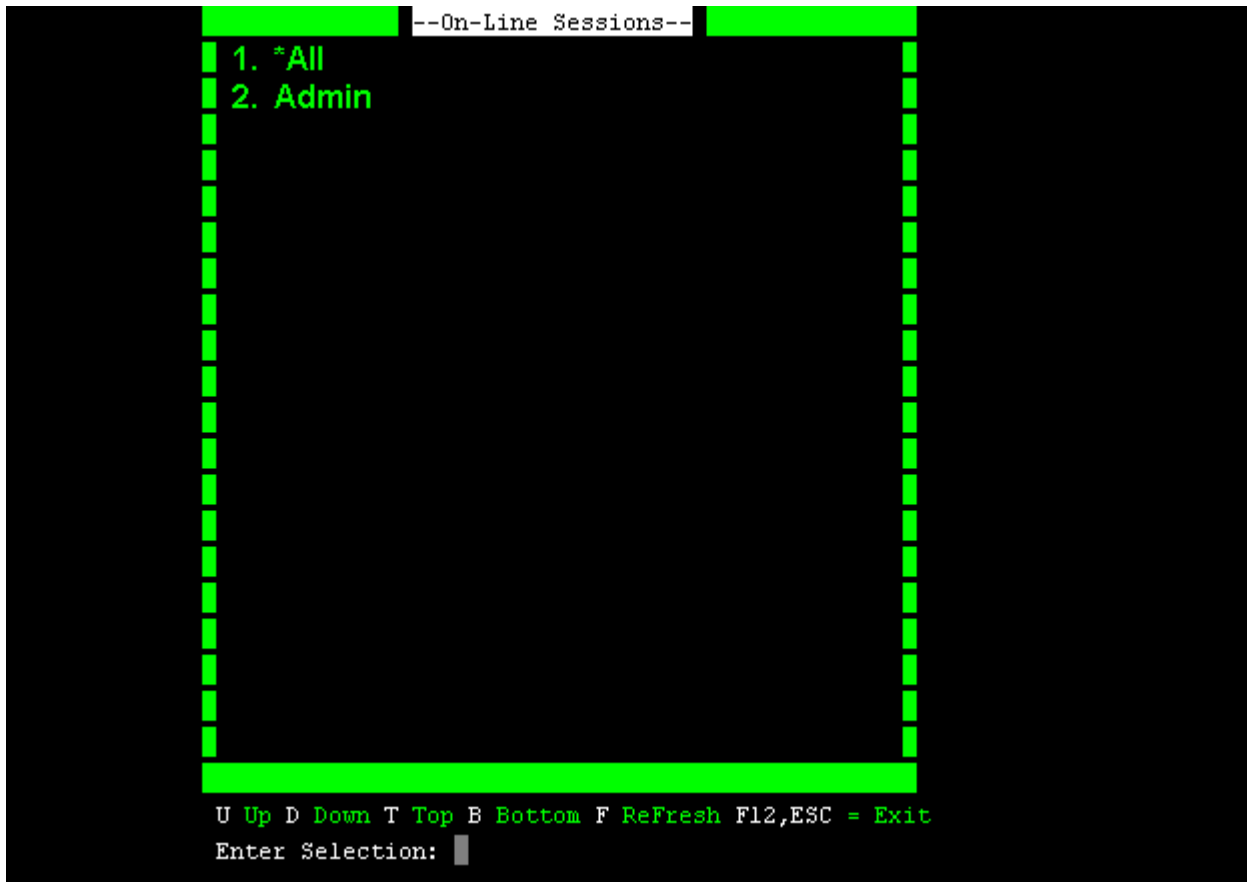
**Backup Reports:**

This option will take the date and reports that exist in the Archive and back the up to a different location for Disaster Recovery.

It will ask you Backup Reports [Y/N]?

Send User Message:

This will allow the Administrator to Send a Message to All Users or a Selected User.



Select the User Number and then type in your message.

Enter E-Mail Message F12, Esc = Exit

Type message, Press enter to save, F4 to delete.

Test message||

AS/400 LaserVault Help Screen

To view this screen, select Option 1.

```

3/07/01                               LaserVault Help Screen                               14:58:18
Keys      Function
1 ?      displays this help screen
3 F S    Find/Search for string
4 N      Next string/repeat search
5        lookup previous key value
6        lookup next key value
7        switch Index (key) being used
8        lookup a specific key value
9 P      Print current report page or marked block
H E      goes to Home(first page)/End(last page)
U D L R  scrolls report Up/Down 1 page, Left/Right 60 columns
M        Marks beginning and end of print block
C        Clears marked blocks
0        displays Options screen
0 J      Jump to next date of report (only valid using report sequence)

%        lookup previous xindex key value
- < ^   lookup next xindex key value
*        lookup a specific xindex key value

W Z      Switch between 80 and 132 column viewing if terminal supports it
Q        Quit to previous selection screen
F3=Exit  F12=Cancel

```

Electronic Storage Corporation

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.

In the business of supplying CD-ROM and optical disk storage and retrieval systems since 1974, Electronic Storage Corporation has been the industry leader of COLD (Computer Output to Laser Disk) storage products since 1989. One of ESC's most innovative products, LaserVault™ Suite, is a year 2000 compliant COLD storage package that provides both classic report storage and retrieval and highly integrated tool sets to achieve the most effective business reengineering solutions.

ESC's most versatile product, LaserVault™ is a non-proprietary archiving product that

can be used in any hardware software environment. Headquartered in Tulsa, Oklahoma, Electronic Storage Corporation maintains over 1,000 archiving systems worldwide on multiple computer platforms. ESC has a strong presence in the United States, Japan, Australia, the Caribbean and Europe.

Electronic Storage Corporation's mission is:

To develop and support electronic archiving using both COLD and imaging technology. To reduce archiving expenses, improve customer service and improve decision-making through client organizations by providing rapid, easy access to users' stored reports. To provide systems that are easy to use, inexpensive to maintain and quick to install.

ESC is committed to long-term relationships with customers, recognizing their need for ongoing service, support, user-friendly software and integration.

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LaserVault Universal Server, LaserVault Universal Client, Nextract, RptMail, Image Everywhere, EMMA