Connect For **SUCCESS**

U.S. Department of Education
1998 Electronic Access Conferences

Session 46

What's New with Title IV WAN?

What is Title IV WAN?

The Title IV Wide Area Network (WAN) is the communication network that carries data to and from the Title IV databases.

What's New with Title IV WAN?

- Enrollment Document

- Password Authentication and Voice Processing System

- EDconn32 software and Enterprise Gateway

- What Will Be Different?

- Future of Title IV WAN

New TIV-WAN Enrollment Document

- "Enrollment to Participate in Title IV WAN"
- Combines old CID, LOA and PA into one document
- Interview format

Enrollment Document

Step One: Please provide the following information.

1. Is this an initial application or are you changing/adding information to your destination point?

   A. ☐ initial application

   B. ☐ adding a new destination point/mailbox for customer Number Z _____
   (Answer all questions.)

   C. ☐ change information for existing destination point/mailbox with TG _____
   (Answer **fully** only those questions for which changes or additions are needed.)

2. What is the name of your organization? _____
   (maximum 15 spaces)

3. Please indicate your type of organization.

   ☐ postsecondary school

   ☐ third-party servicer

   ☐ state scholarship agency

   ☐ guaranty agency for student loans

   ☐ lender for the FFEL Program or its servicer

   ☐ other _____
   (describe)

   ☐ software provider *or* other organization wanting only software and documentation (Complete only Questions 6 and 9. You will not have access to Title IV WAN.)

4. Are you a Direct Loan school or a servicer for a Direct Loan school?   ☐ Yes   ☐ No

5. Please indicate if you will use a personal computer, a mainframe, or both to access Title IV WAN.

   ☐ personal computer   ☐ mainframe   ☐ both

New Enrollment Document (cont.)

- Allows access to NSLDS on-line

- Allows Electronic Data Exchange with ED application systems (CPS, FISAP, etc.)

- Used for new enrollment and changes, additions, or updates

- Downloadable from IFAP web site!! (http://ifap.ed.gov)

- Enrollment session available

New Enrollment Document (cont.)

- Original signatures required

- Signed by President/Chancellor/CEO

- Destination Point Administrator (DPA) responsibilities

- User Responsibility Statement

New Enrollment Document (cont.)

- Destination Point Administrator
  - Responsible for all data transmissions and password changes for a TG#
  - Can give others access to the Dest. Pt.
- User Responsibility Statement
  - Filled out by each user of EDconnect
  - Maintained on file with DPA

Authentication

- To reset Title IV-WAN password, must use any 2 of DPA's
  - Social Security Number
  - Date of Birth
  - Mother's Maiden Name
- More secure and easier than Customer #
- Use VPS or speak to Cust. Service Rep.

Changes to Voice Processing System

- Password resets now require any 2 of DPA's
  - Social Security Number
  - Date of Birth
- Two password reset options
  - Transmission
  - On-line Query
- Frequently Asked Questions

PC Hardware/Software Requirements

- IBM or fully IBM-compatible PC 200MHz Pentium Processor or comparable

- 32-bit operating system (Windows 95/98 or Windows NT 4.x)

- Internet Service Provider (ISP)

- Netscape Navigator or Internet Explorer web browser

- See Action Letter #2 (Oct. '97) for full Details

EDconn32 Software

- Year 2000 Compliant

- Greater flexibility and functionality within the EDconnect software

- Pop-Up menu system

- Support for long filenames within EDconnect

- TCP/IP Based file transfer via TIV-WAN Intranet

- Dial-up Networking (v1.2 or later)

Dial-Up Networking

- **Windows 95**
  - Will need Dial-Up Networking (DUN), version 1.2 or higher
- **Windows 98**
  - Ensure DUN component is installed
- **Windows NT 4.0**
  - Install Remote Access Service (RAS), then update NT using Service Pack 3 or 4

EDconn32 Software

- Replaces EDconnect 2.x and IAM-DOS
  - EDconnect 2.x and IAM-DOS are NOT Year 2000 compliant
- January 31, 1999 is the cutoff date for IAM (DOS) and 16-bit EDconnect
  - Title IV WAN will no longer accept files sent using the IAM (DOS) and 16-bit EDconnect software after the deadline

EDconn32 Software and Enterprise

- 32-bit EDconnect is the first step towards using the Internet for data transmissions

- Migrating to the Enterprise system

- The Enterprise system will be located at the BAND 1 data center

Conversion to EDconn32 Software

1) Install and Setup EDconn32

2) Perform password change and transmit test file

3) Use current EDconnect to receive all data

4) Call Title WAN to convert mailbox to Enterprise

5) Next day, transmit to download Message Class Table

Conversion to EDconn32

- You're now ready to use EDconn32!

- Upon conversion, all data in old mailbox is forwarded to new Enterprise mailbox

- Conversion deadline

- Cannot use former EDconnect software after conversion

EDconn32 Desk Reference

- **New EDconnect 32-bit software desk reference guide**
  - Similar to quick reference guides you already receive
  - Tips on the new EDconn32 software
  - Information on On-line Query
  - Frequently Asked Questions section

Wizards make setup easier!

Group Wizard - Title IV WAN Information

TG Number: TG55728

TG Password

Expiration

New: ********

Verify: ********

Change Type: ( ) Network and Local (•) Local Only

IP Address Information

Firewall IP: [   ]   Port: [   ]

Server IP: 4.20.3.251   Port: 10260

3270 IP: [   ]   Port: [   ]

Debug Tracing: ( ) On (•) Off

[< Back] [Finish] [Cancel] [Help]

User Wizard - Identification

User ID: Dan

User Password

Expiration   Undetermined

New: ********

Verify: ********

Full Name

First Name: DAN

Middle Initial: [ ]

Last Name: ARTHUR
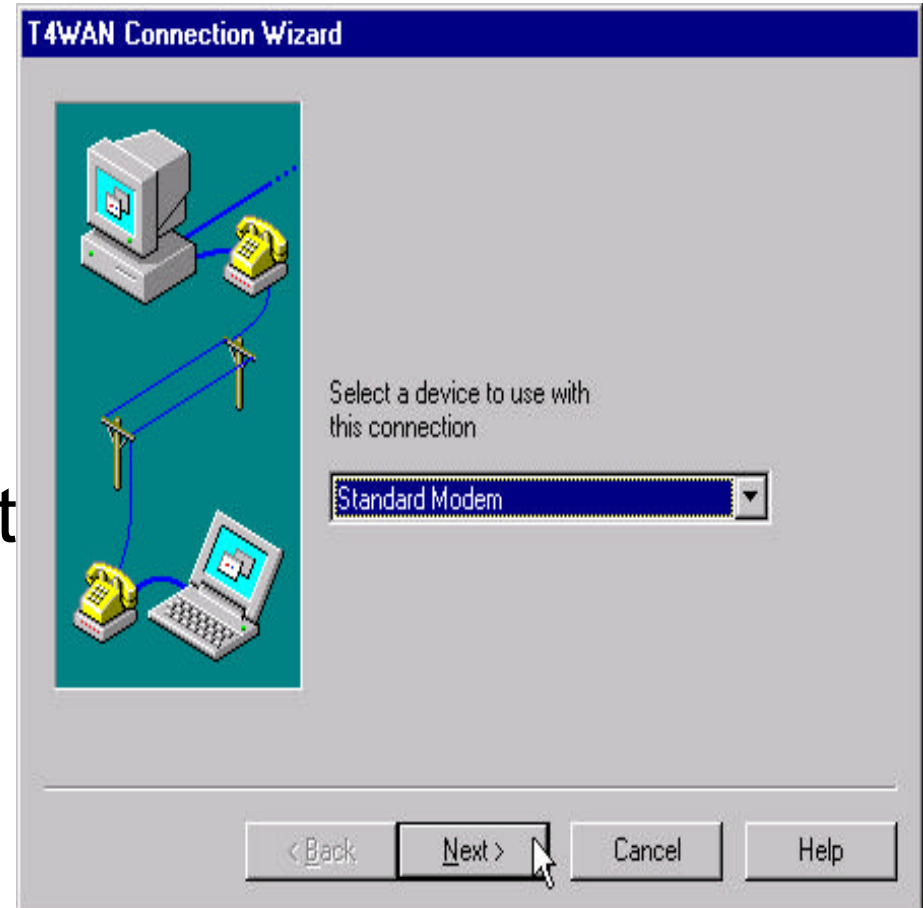
[< Back] [Next >] [Cancel] [Help]

Connection Wizard

■ **Uses modem already defined in Windows**

■ **No need to select modem from long list**

T4WAN Connection Wizard

Select a device to use with this connection

Standard Modem

< Back   Next >   Cancel   Help

What Will be Different?

- **Security View**
  - Security Groups
  - Security Users
- **Transmission**
- **Archive View**
- **Password changes**
- **On-line Query**

Security View

- Security Groups define TG#, password and access rights

- Security Users define who actually transmitted files and each user has a separate password to access software

Security View

EDconn32 - [Security View]

File   Edit   Record   Transmission   Tools   Window   Help

```
EDconn32
    Administration TG55728
        Dan
        Jerry
    Financial Aid Users
        George
        Kramer
    NSLDS Elaine TG64500
        Elaine
    NSLDS Newman TG64501
        Newman
```
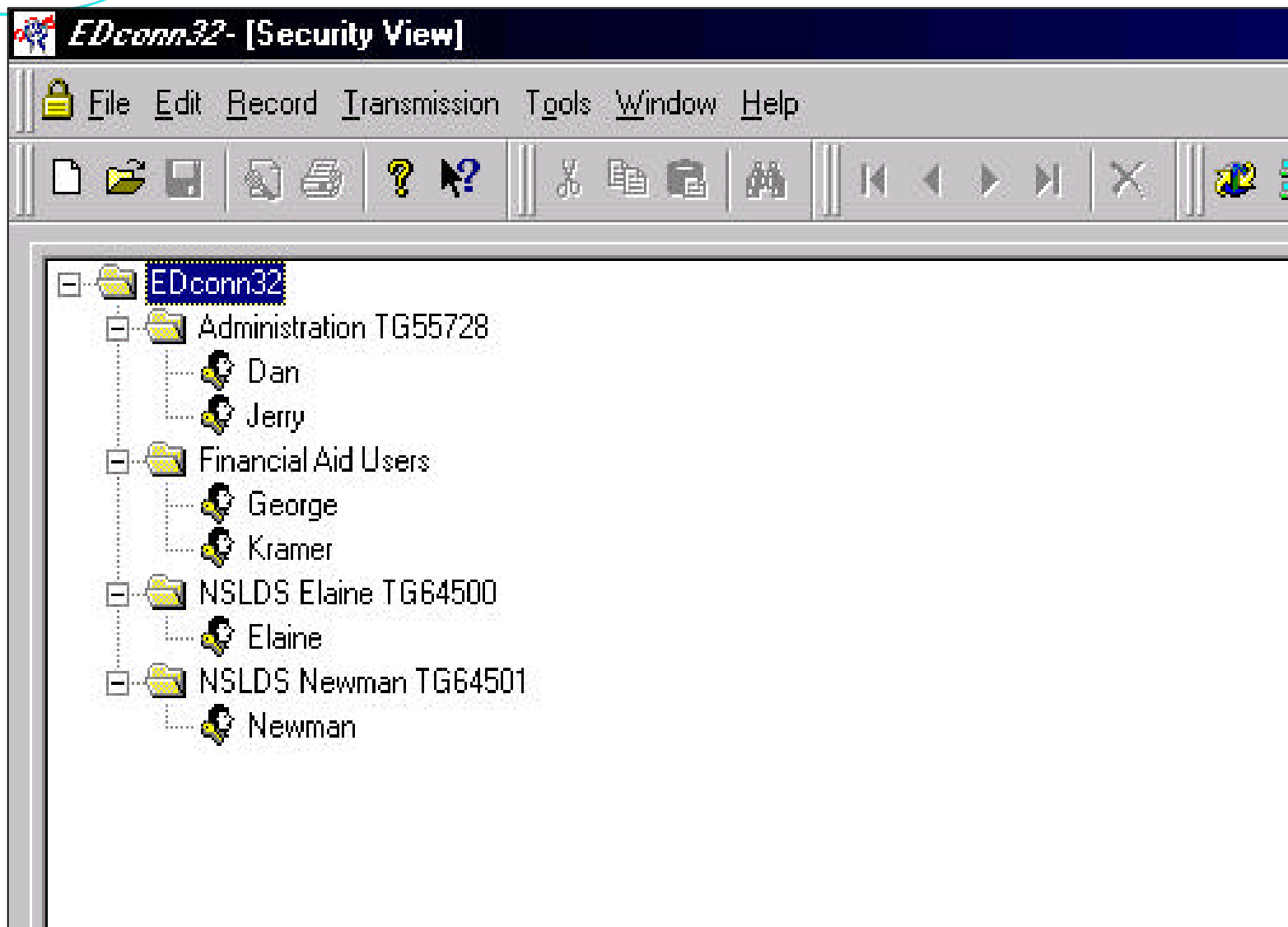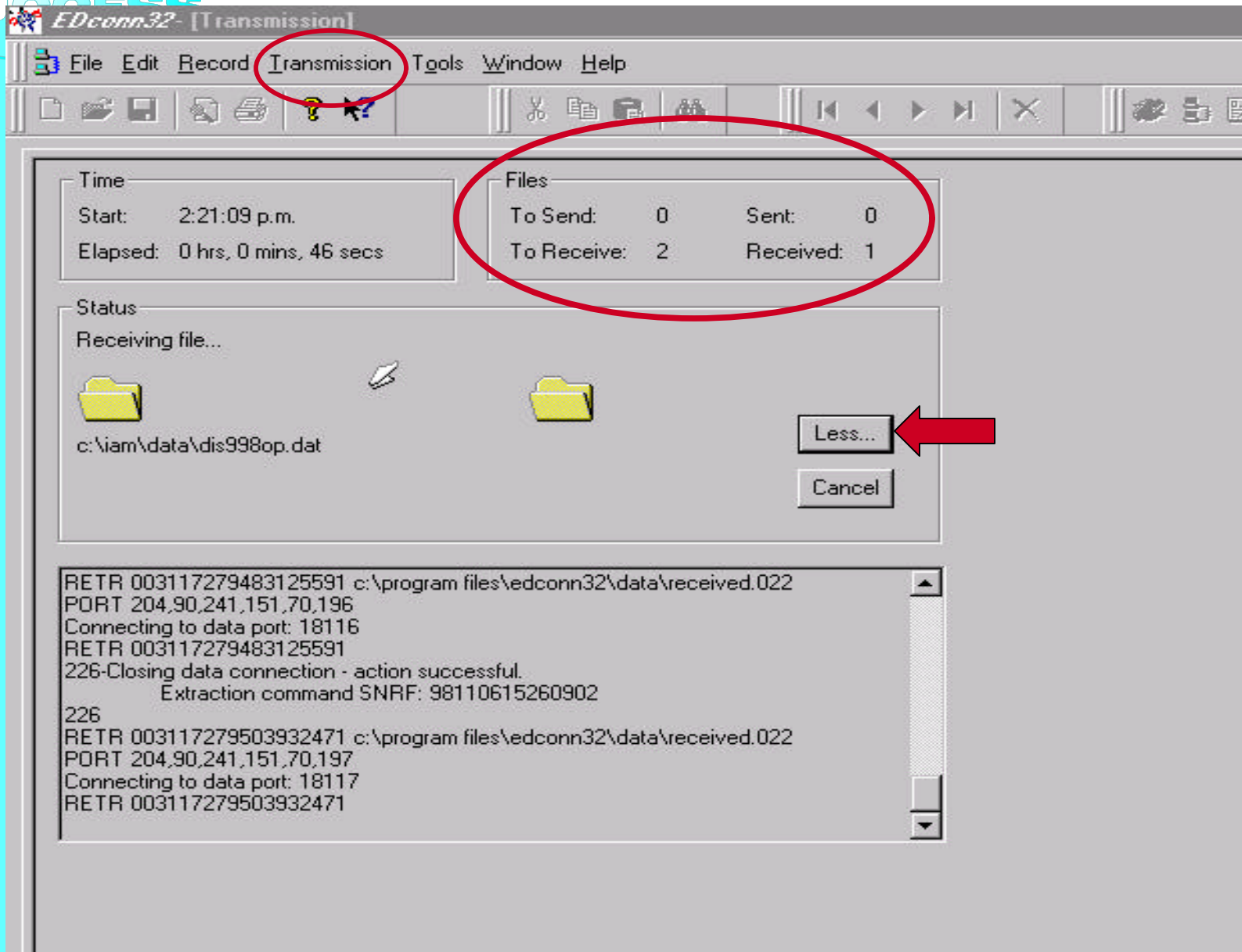
Transmission

- "Transmission Now" instead of "Transmit Now"

- Can transmit data and password simultaneously

Transmission

EDconn32 - [Transmission]

File Edit Record Transmission Tools Window Help

Time
Start: 2:21:09 p.m.
Elapsed: 0 hrs, 0 mins, 46 secs

Files
To Send: 0   Sent: 0
To Receive: 2   Received: 1

Status
Receiving file...

c:\iam\data\dis998op.dat

Less...

Cancel

```
RETR 003117279483125591 c:\program files\edconn32\data\received.022
PORT 204,90,241,151,70,196
Connecting to data port: 18116
RETR 003117279483125591
226-Closing data connection - action successful.
          Extraction command SNRF: 98110615260902
226
RETR 003117279503932471 c:\program files\edconn32\data\received.022
PORT 204,90,241,151,70,197
Connecting to data port: 18117
RETR 003117279503932471
```

Activity Log View

■ Easy way to track files sent and received

■ No longer displays Batch ID

■ Use Item Number to track files

Activity Log View

EDconn32 - [Activity Log]

File Edit Record Transmission Tools Window Help

	Description	Message Class	File Name	File Size	MailBox	Item Number
	97-98 YTD ISIRS	YTDO98OP	c:\iam\data\ytdo98op.dat	0	TG50002	003117279340694726
	Start of Transmission			0		
	98-99 CORRECTIONS - DUPLICATES	CORR99IN	c:\iam\data\corr99in.008	71	TG50002	98110416395202
	98-99 APPLICATIONS - INITIAL	EAPS99IN	c:\iam\data\eaps99in.006	1,956	TG50002	98110416395503
	98-99 APPLICATIONS - INITIAL	EAPS99IN	c:\iam\data\eaps99in.007	16,300	TG50002	98110416395804
	Start of Transmission			0		
	All Data, All Messages - CPS	????????	c:\iam\data*.*		TG50003	
	98-99 ISIR DATA - AUTOMATIC	SARA99OP	c:\iam\data\sara99op.013	0	TG50003	003119612220501157
	98-99 ISIR DATA - AUTOMATIC	SARA99OP	c:\iam\data\sara99op.014	0	TG50003	003119612227497414
	98-99 ISIR DATA - ELECTRONIC APPS	EAPS99OP	c:\iam\data\eaps99op.dat	0	TG50003	003119612234517649
	98-99 ISIR DATA - CORREC.-DUPS.	SARR99OP	c:\iam\data\sarr99op.001	0	TG50003	003119612241597741
	98-99 ERRORS - CORRECTION-DUPLICATE	SARE99OP	c:\iam\data\sare99op.001	0	TG50003	003119612248791862

Record 1

Transmissio...   Activity Log

For Help, press F1   Dan   c:\program files\edconn32\edconn32.mdb   CAP NUM

Archive View

- Allows you to receive "lost" files within 7 days

- Batch ID is not displayed

- Use Item Number to track which file to select

Archive View

Misc. New Features

EDconn32 - [Activity Log]

File   Edit   Record   Transmission   Tools   Window   Help

| Activity	Project	Cycle	Description	Message Class	File Name	File Size	
Receive	CPS	97-98 Data	97-98 YTD ISIRS	YTDO98OP	c:\iam\data\ytdo98op.dat	0	T
Transmit			Start of Transmission			0	
Send	CPS	98-99 Data	98-99 CORRECTIONS - DUPLICATES	CORR99IN	c:\iam\data\corr99in.008	71	T
Send	CPS	98-99 Data	98-99 APPLICATIONS - INITIAL	EAPS99IN	c:\iam\data\eaps99in.006	1,956	T
Send	CPS	98-99 Data	98-99 APPLICATIONS - INITIAL	EAPS99IN	c:\iam\data\eaps99in.007	16,300	T
Transmit			Start of Transmission			0	
Request	CPS	All	All Data, All Messages - CPS	???????	c:\iam\data*.*		T
Receive	CPS	98-99 Data	98-99 ISIR DATA - AUTOMATIC	SARA99OP	c:\iam\data\sara99op.013	0	T
Receive	CPS	98-99 Data	98-99 ISIR DATA - AUTOMATIC	SARA99OP	c:\iam\data\sara99op.014	0	T
Receive	CPS	98-99 Data	98-99 ISIR DATA - ELECTRONIC APPS	EAPS99OP	c:\iam\data\eaps99op.dat	0	T
Receive	CPS	98-99 Data	98-99 ISIR DATA - CORRECTIONS	SARR99OP	c:\iam\data\sarr99op.001	0	T
Receive	CPS	98-99 Data	98-99 ERRORS - CORRECTION-DUPLICATE	SARE99OP	c:\iam\data\sare99op.001	0	T

Record   404

Security View   Activity Log   Archive View

For Help, press F1   Dan   c:\program files\edconn32\edconn32.mdb   CAP   NUM
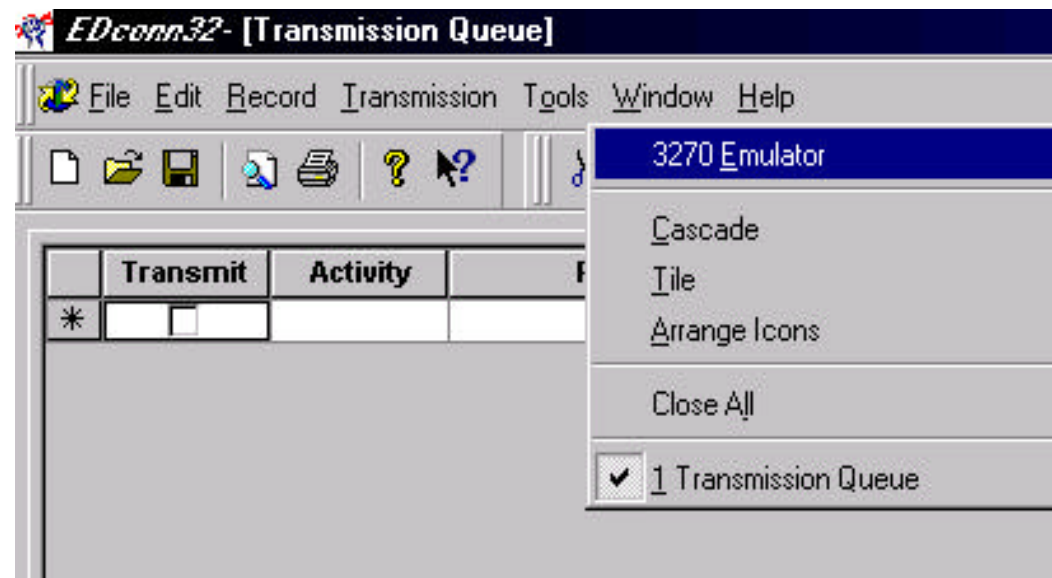
Misc. New Features

Misc. New Features
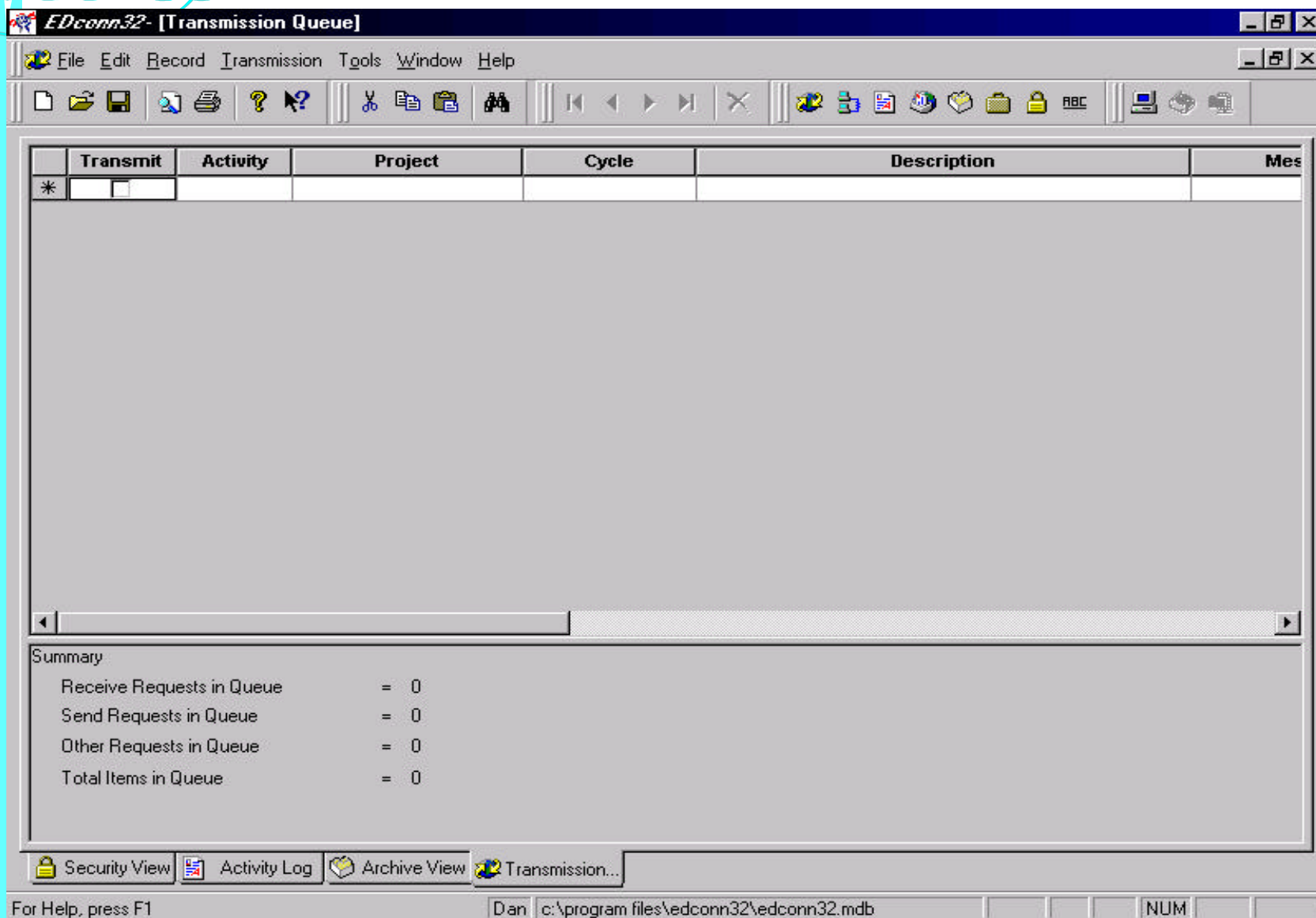
Password changes

- New authentication data

- Still 120-day expiration

- Can change network password after expiration without calling to reset

- If password needs to be reset, it becomes PASSWORD

- Case-sensitive

On-Line Query

- Start EDconn32, and go to Window - 3270
- Login with TG# and Password
- You're now connected to Title-IV WAN On-Line Query

On-Line Query

■ On-line query has separate password

On-Line Query

Menu is same as before

Mainframe Connectivity to Title IV WAN

- Move from Open*Net to Enterprise
- Move to Open Technologies
- Non-proprietary protocols such as
  - TCP/IP
  - FTP
  - TN3270
- Session 43, Mainframe Connectivity to Title IV Wide Area Network

Future of Title IV WAN

- Enrollment on the Internet

- Download software from the Internet

- EDconn32 via your current Internet connection

- Internet based On-line Query