

EDA (not EDI) Overview

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- EDA
 - What is it?
 - What Documents Get Processed
 - Requirements for EDA (Client PC)
 - Flagging Documents for EDA
 - The 3 Processing Methods
 - Post Script and Index Files
 - The pddod.ini file
 - Important Database Tables
 - The Electronic Doc Flag

- Application Server
 - What is it?
 - Requirements for EDA (App Server)
 - Installing Application Server
 - The asf.sql file
 - Scheduling the Application Server
 - The pddod.ini file
 - The Application Server Log
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- Electronic Document Access (EDA)
- Creates a Postscript and Index file for each award and modification when that document is “released” in PD²
- EDA files are sent to ECPN then posted to their Web-Site
- EDA offers online storage and retrieval of post award contracts and modifications in a compressed text format
- EDA offers the Department of Defense the opportunity to store and retrieve contract documents electronically; thus, reducing the need to print, mail, file, and manage paper.
- EDA was designed to become the DoD’s “Virtual File Cabinet” and replaces the paper version of contract documents with an electronic version

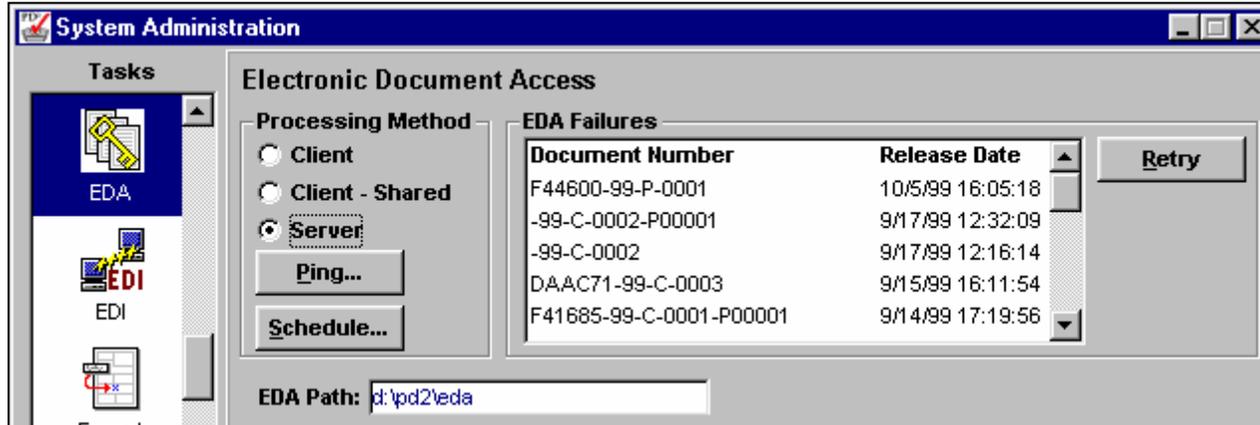
26M	Contract Mod	A33	Large Purchase Award
33N	SF33 Award Modification	B55	Small Purchase Award
42A	Construction Contract Award	B5M	PO/DO Mod
42N	Construction Award Modification	BCM	BPA Call Modification
49A	Commercial Contract Award	BPA	Blanket Purchase Master Agreement
49D	Commercial Delivery Order	BPC	BPA Call
49N	Commercial Award Modification	BPM	BPA Master Modification
49O	Commercial Delivery Order Modification	DEL	Delivery Order
52M	Architect-Engineer Contract Modification	F26	Award / Contract
		F52	Architect-Engineer Contract

- 32-bit Operating System (Windows NT or Windows 95)
- A true TCP/IP stack should be installed and the workstation should be able to connect via TCP/IP to the database server (*e.g.*, by pinging the server's IP address).
- Microsoft Word must be installed (facilitates Object Linking and Embedding - OLE).
- PostScript printer driver installed and set as the default printer. (facilitates conversion to *.ps file format)



- Documents are flagged for EDA Processing when they are Released.

The 3 Processing Methods



Processing Method	Build Location	Storage Location
Client	Client	Client
Client - Shared	Client	Server
Server	Server	Server



- The processing method must be set to “Client” to Retry failed documents
- Follow these Steps:
 - Open the EDA Task
 - Select the Client radio button
 - Click OK
 - Reopen the EDA Task

1 2 3 4 5 67 8 9 10 11

A,SCRT41B,00000084,GS0350897G,F4460099F0002,,,19990927,F44600,F44600,SC9999,
OPG123,,2000082916:00:33

12 13 14

1. Transaction Code A, U or D
2. EDA Site ID variable length from 0 to 8 chars
3. Record ID variable length from 0 to 8 chars
4. Contract number (PIIN) variable length from 0 to 19 chars
5. Delivery Order SPIIN variable length from 0 to 19 chars
6. ACOmod variable length from 0 to 6 chars
7. PCOmod variable length from 0 to 6 chars
8. Issue Date fixed char. length of 8: YYYYMMDD
9. Issuing DODAAC variable length from 0 to 6 chars
10. Admin DODAAC variable length from 0 to 6 chars
11. Paying DODAAC variable length from 0 to 6 chars
12. Contractor Identification number (CAGE) variable length from 0 to 6 chars
13. Contractor Identification number (DUNS+4) variable length from 0 to 20 chars
14. Index Date fixed char. length of 16: YYYYMMDDHH:MM:SS

[Registration Info]

...

[EDI]

...

[TRANSMIT]

...

[COGNOS]

...

[External]

PDTEMP=D:\PD2\TEMP

...

[Local EDA]

Transmit=D:\PD2\EDA

[Database]

...

- **PDTEMP** indicates the location where the files will be built
- **Transmit** indicates the location where the files will be placed when processing method is “Client”. It is not used if Processing Method is “Client-Shared”
- If these directories do not exist, the files will be built and/or placed on the root (c:\) directory

- The following is a list of database tables that are useful when analyzing an EDA Issue
 - ***proc_object***
 - Check the obj_id, doc_nmbr, obj_type and electronic_doc_fl
 - If obj_type is not on the list, the document will not be processed
 - ***award***
 - Check the obj_id and awd_rel_dt
 - If awd_rel_dt is NULL then the document has not been released
 - ***sys_constant_ref***
 - Check cnstnt_id 116 and 117.
 - 116 = edapath.
 - 117 = edamethod.
 - edamethod can be set to SERVER to disable EDA processing on the client

- The Electronic Document Flag (electronic_doc_fl) can be found in the proc_object table. It is the indicator that is used to determine the EDA processing status of a document.

0 = Ready to be Processed

This is the default Flag. It is only relevant if the processing method is “Server”.

1 = Processed

This indicates that the document was successfully processed.

-1 = Failed*

This flag can be reset to 0 to send the document back to the Application Server or 1 to prevent it from being processed. Do not change this flag if the user does not have an Application Server and the document needs to be processed.

*All failed documents appear in the EDA Failures window under the EDA Task in System Administration

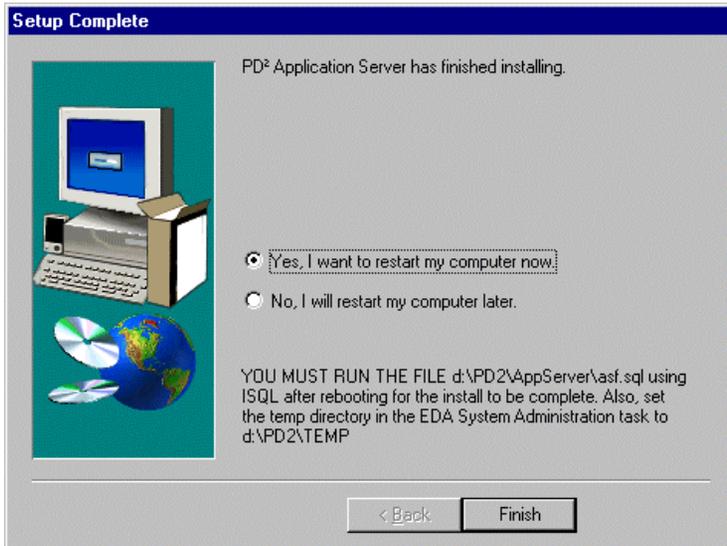
- The EDA Application Server creates a postscript and index file for all released awards and modifications.
- EDA Application Server is used to offload the processing of the EDA files from client PCs to a server in order to minimize impact on the client machines.
- The EDA Application Server can be scheduled to run at various times throughout the day.
- There is no requirement that a site use an Application Server for EDA processing. However, use of an Application Server will offload EDA processing from each client and providing a central location for tracking EDA Processing.

- 32-bit Operating System (Windows NT Server)
- A true TCP/IP stack should be installed with a static IP address.
- Microsoft Word must be installed (facilitates Object Linking and Embedding - OLE).
- The server must have a PostScript printer driver installed and set as the default printer (facilitates conversion to *.ps file format).
- The server should be able to connect via TCP/IP to the database server (e.g., by pinging the server's IP address).
- The server should have the 32-bit Sybase client software (PD², SPS-I or Sybase) installed. If not, the Application Server Install Wizard will run through the installation process twice: once to load the Sybase files and a second time to load the PD² Application Server.

- Installation Information. The user must obtain the following information before installing the Application Server.
 - PD² License Number
 - SA id and password
 - Database Server IP Address
 - Database Server Port # (usually 5000)
 - Application Server IP Address
 - Application Server Port # (usually 5151)

Watch and be Amazed!

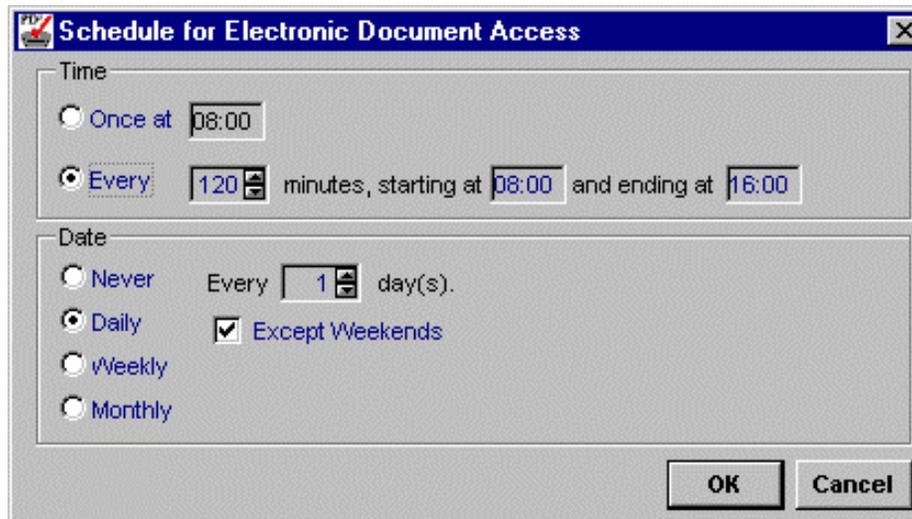
Refer to Chapter 12 of the 4.1 Installation Guide for step by step details.



- The ASF.sql file is created during installation using the information that is entered
- This file must be executed against the PD² database so that the Application Server can connect to PD² (vice versa)

```
use SPS_41C_DB
go
INSERT INTO app_server VALUES (1,'SPS_41C_DB Server','162.70.70.70','5151',1,1)
go
INSERT INTO app_srvr_serv_xref (app_srvr_id, dist_serv_id, schedule_id) VALUES (1,1,1)
go
INSERT INTO batch_schedule (schedule_id) VALUES (1)
go
```

- The Application Server can be Scheduled from one of two locations
 - The Schedule button in the PD² System Admin EDA Task
 - The Schedule button in the Application Server Jobs window

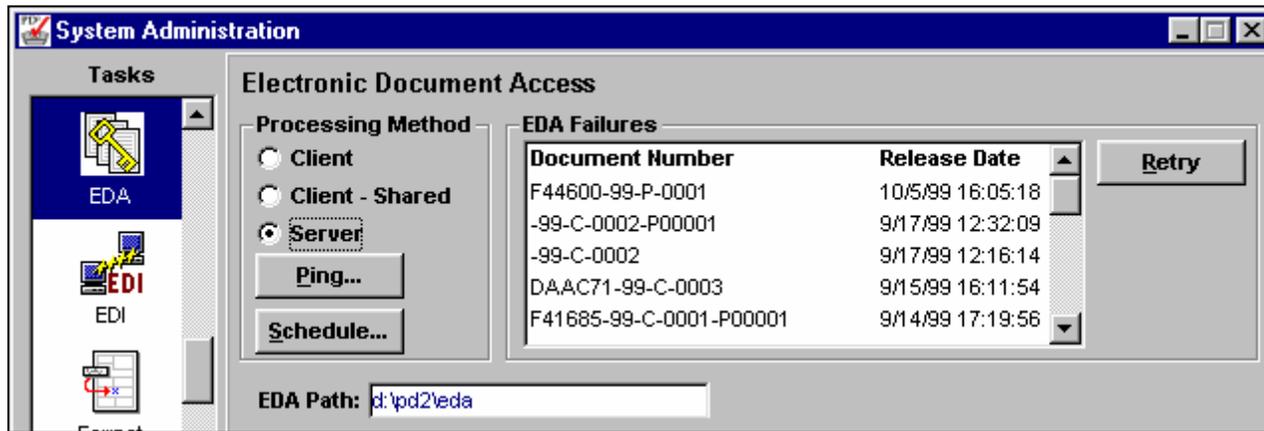


- Note: Make sure there is a number in the "Every __ Day(s)" box or the Job Status will be listed as "Stopped" instead of "Waiting".

- The Pddod.ini file on the Application Server has only one entry
- **PDTEMP** indicates the location where the files will be built
- The location where the files will be placed is listed in the PD² EDA Task
- Note: If these directories are not valid directories on the Application Server the documents may fail to process.

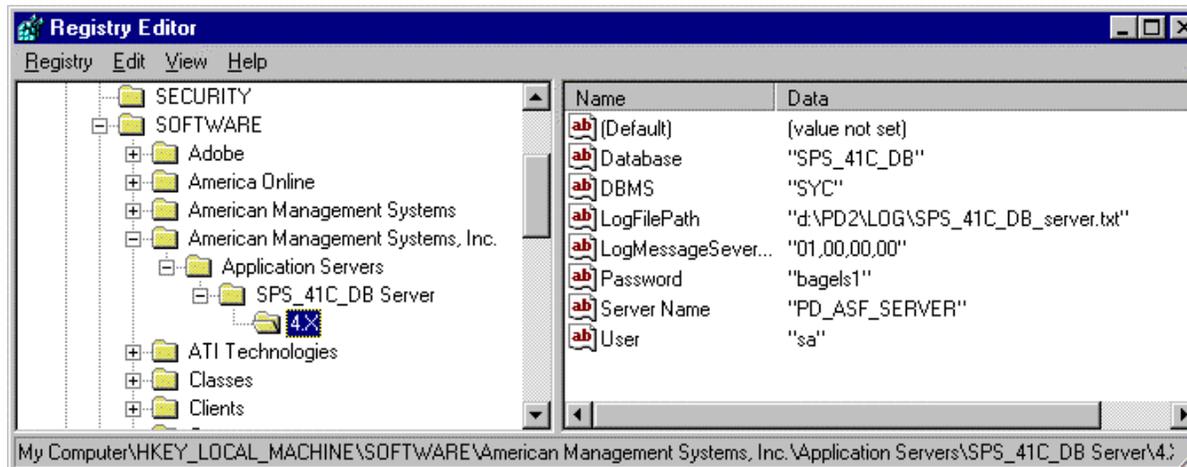
[External]

PDTEMP=D:\PD2\TEMP



- Captures the build and placement information for all documents that are processed through the Application Server
- Captures errors for documents that fail Application Server processing
- Can be accessed in one of two ways
 - Click on the “Log” button in the Application Server Window
 - Go directly to the log file which can be found in the c:\pd2\log, c:\sps-i\log or c:\sybase\log directory.
- Please submit this file when dealing with failed documents from the Application Server

- Several important Application Server parameters are listed in the registry on the Application Server
- Go to Start → Run then type in "regedit" to open the registry
- To view these parameters go to:
 - HKEY_LOCAL_MACHINE
 - SOFTWARE
 - American Management Systems, Inc.
 - Application Servers
 - (Database Name) Server
 - 4.X



- For more information on troubleshooting EDA and Application Server errors please read the following paper

**Troubleshooting Application Server Errors
Knowledge Base ID #41552**

<http://kb.ams.com/spskb.nsf/ID/41552>

