

Air Document Handling

**Use Case/Critical Recovery Document
Air Permit Document Search (APDS)
Use Case # UC-CRD-ADH-APDS**



3/15/2017

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Version History

Date	Author Name	Version	Description
03/18/2010	Tracy Hunt	1.0	Draft
22 Feb 2011	David Carnes	1.1	Corrected server names and operating systems
6/30/2011	Tracy Hunt	1.2	Reformatted to match new template
2/9/2017	Janani Sampath	1.3	Corrected server names and

added more information on requirements.

Error! Reference source not found.: Air Permit Document Search (APDS)

1.0 Context of Use

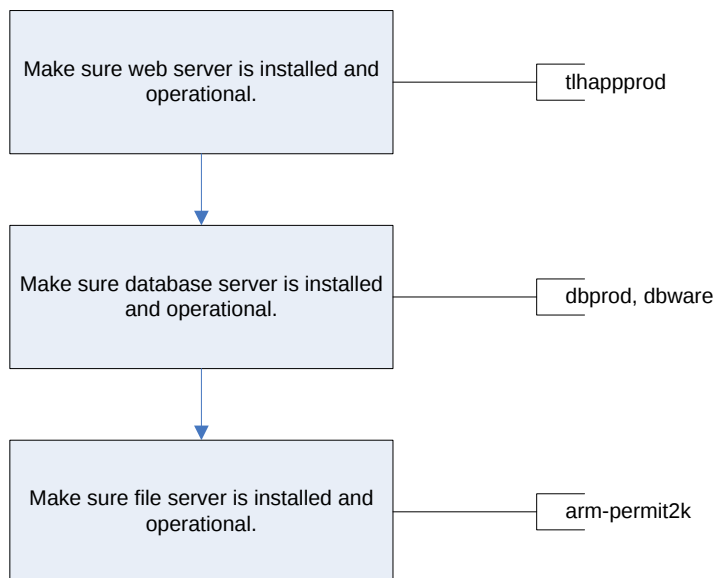
APDS allows EPA and the general public to search for and return copies of Air Permits, scanned PSD Documents, and scanned Title-V Permit Applications. Air Permits are .zip files containing single or multiple Word, Excel and other documents. Word and Excel documents will be in PDF format. Scanned documents will have the scanned images in PDF format.

Visitors to the site are able to search for a facility's location, county, ID number, 2-digit SIC code, site name or owner name. In addition to facility filter options, the user can choose to search for Air Permits, PSD Documents or T(itle)V applications. Within each of these 3 categories of document types, the user is able to filter the search results even further by completing additional filter parameters. However, the user is not required to enter any parameters and can, if they wish, search for and return every document currently available in electronic format.

2.0 Quick Reference Guide

2.1 Flowchart/Recovery Sequence

Air Permit Document Search Recovery Sequence



2.2 Checklist of Recovery Procedures

Done?	Name	Description
☐	Restore Web server from backup (if needed) Backed up nightly by OTIS	Fldep.dep.state.fl.us

☐	Restore databases from backup (if needed) Backed up nightly by OTIS	AIRPERMIT schema on ORAPROD, EPSAP schema on FDEP, AIRPERMIT_SNAP schema on DOPPLER
☐	Recover file server Backed up by DARM	Fldep (Arm-permit2k)

3.0 Assumptions

Successful recovery of needed files/databases from backup (OTIS) is assumed. The following items are assumed to be restored:

- Presence of fldep(arm-permit2k) (the server to which files are sent by ADH.exe)
- Presence of appprod\qsource, (where the ADH web saves uploaded permit zip files)
- AIRPERMIT schema on the ORAPROD should be up and available

4.0 Requirements

4.1 List of Requirements

Servers

fldep(arm_permit2k)\

The ADH file mover for dev, beta, and prod were set up on \\fldepbeta.dep.state.fl.us\adh-doc.
SVN

AIRPERMIT (Oracle database), accessed by all the other applications over the DEP network by using the AIRPERMIT_USER account text

ADH.exe uses DARM_TU account to write to the file server.

Software

Office 2003

ADH.exe

Window Server 2012

Databases

AirPermit (Oracle database)

5.0 Source Code Location

DARM recovers source code for Air Document Handling from the following sources:

- OTIS backs up the databases, web file and web servers. The backups and exports are configured to restore the entire database, including all objects and data. This makes it possible to restore the entire database with new equipment. This includes:
 - web servers
 - FLDEP(Airpermit2k)
 - The AIRPERMIT schema

The source code for ADH.exe resides in the SVN Repository

6.0 Security

Name	Description
IT Technician	Physically restores application after disaster

7.0 Minimal Guarantees

User will be able to view permits online after restoration.

8.0 Success Guarantees

User will be able to view permit documents using Air Permit Document Search as before.

9.0 Preconditions

IT Technician has recovered databases, web server, and all documents.

10.0 Related Use Cases

Use cases related to this document:

- UC-CRD-ADH-MOVER
- UC-CRD-ADH-SCAN
- UC-CRD-ADH

11.0 Sequence of Events

11.1 Recovery Procedures: Step by Step Instructions

Step	Step Description
1	User makes sure Web server are functional (fldep.dep.state.fl.us) – Contact OTIS
2	User makes sure appropriate databases exist – Contact OTIS
3	User recovers APDS web application – Contact OTIS
4	System is restored

12.0 Reference

12.1 Technology and Data Variations/Information

- OTIS backs up the databases. The backups and exports are configured to restore the entire database, including all objects and data. This makes it possible to restore the entire database with new equipment. These backups and exports are also copied to tape and stored offsite in the bunker.
- All code is backed up in Source Safe.
- The .zip and .pdf files reside on the ARM-PERMIT2K file server, located at Twin Towers in the LABS annex. This file server is DARM-controlled, but physically located at OTIS. Web traffic can download the zip files from the virtual web directories on fldep(ARM-PERMIT2K) at <http://arm-permit2k.dep.state.fl.us>. The production web pages are stored on the DEP Internet web cluster (fldep.dep.state.fl.us).

12.2 Webserver Information

Servers Used

Dev: <https://fldepdev.dep.state.fl.us/air/emission/apds/default.asp>

Beta: <https://fldepbeta.dep.state.fl.us/air/emission/apds/default.asp>

Prod: <https://fldep.dep.state.fl.us/air/emission/apds/default.asp>

*Web pages access the Oracle database using the **AirPermit_User** account.
Connection information stored in the global.asa file on each web*
