



Central Aeronautical Database: ATNS eAIP Demonstration

Presented by: Tshegofatso Pitso

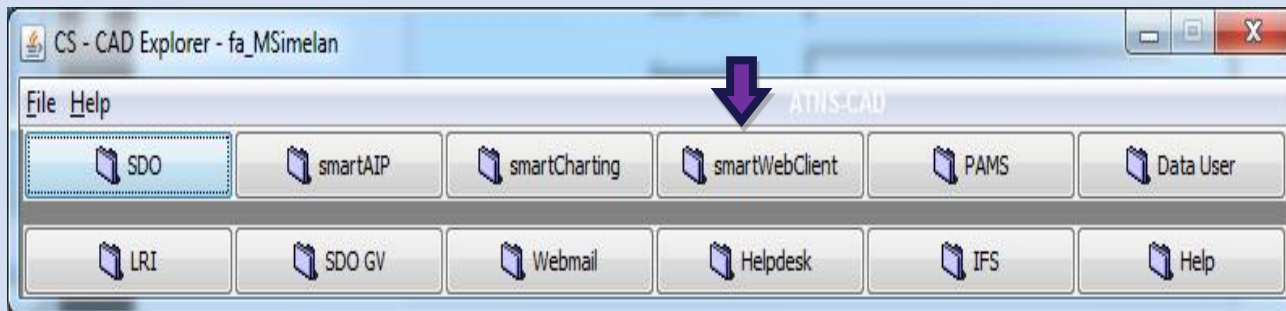
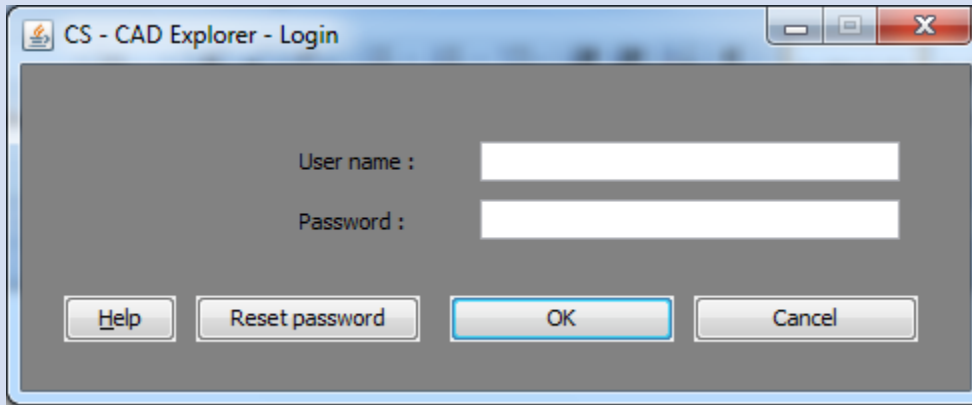
Objective

- eAIP Demonstration
- Identify the Common Service applications used during the eAIP creation



CAD Explorer System Login

- ❖ Login is via the CAD Explorer application.

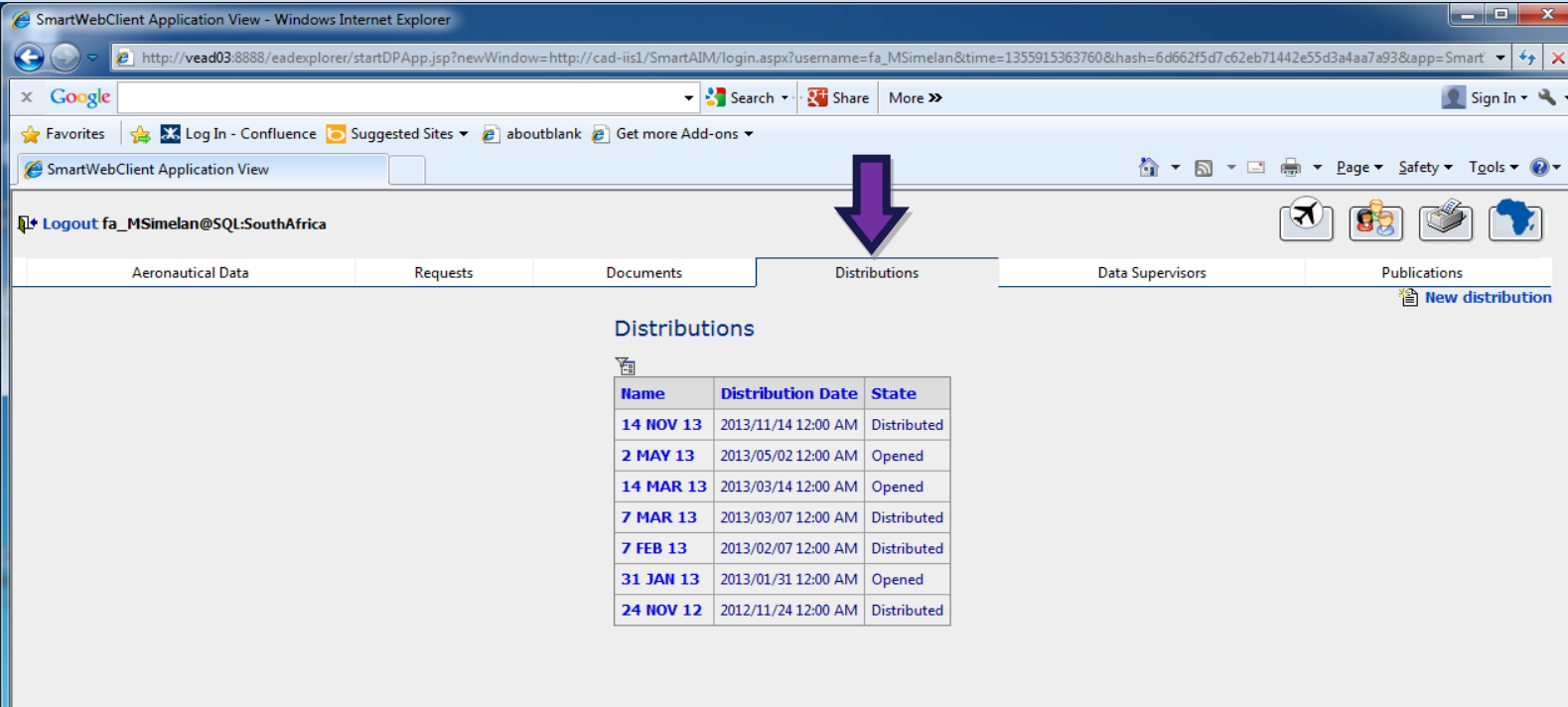


- ❖ Select SmartWebClient from the Common Services, which opens the SmartWebClient application view.



SmartWebClient: Create a Distribution

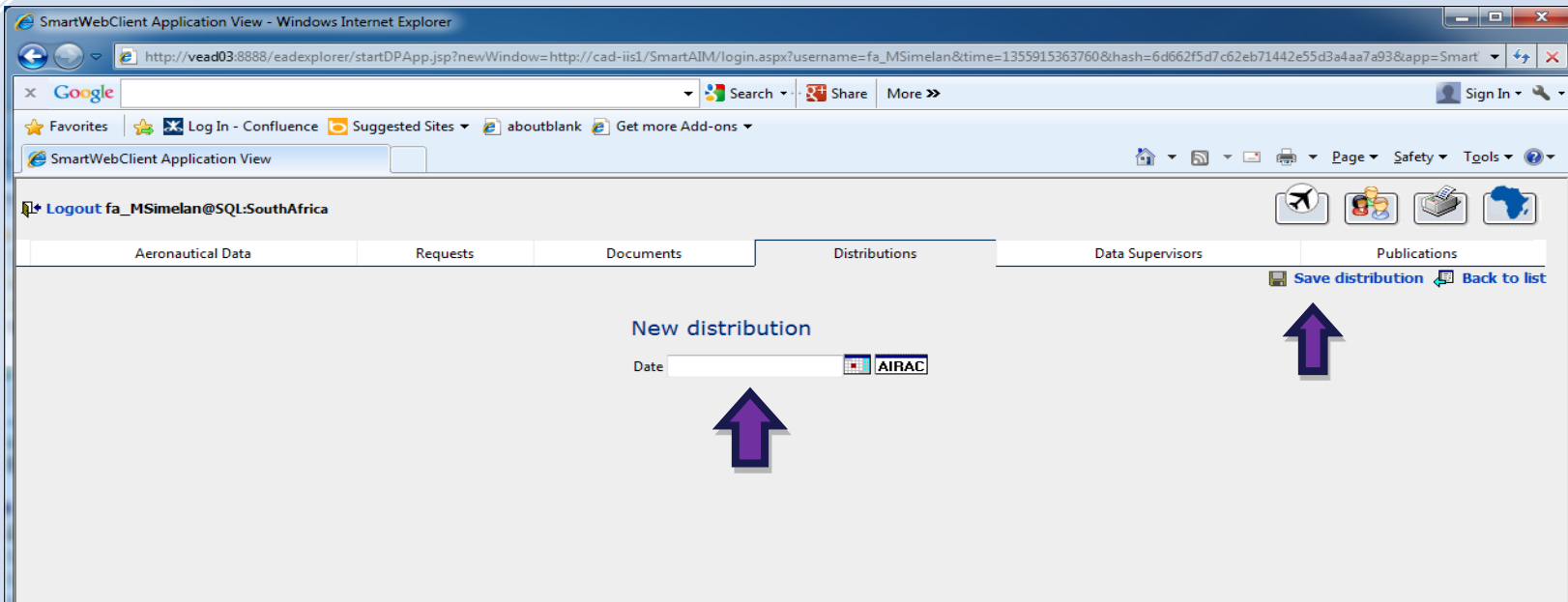
- A Distribution is a collection of AIP documents packaged together and set for delivery according to industry-established standards and timetables. (AIRAC Dates)
- ❖ Click on the “Distributions” tab, select “New distribution” Insert date and save



The screenshot shows the SmartWebClient application interface in a Windows Internet Explorer browser. The browser address bar shows the URL: http://vead03:8888/eadexplorer/startDPApp.jsp?newWindow=http://cad-iis1/SmartAIM/login.aspx?username=fa_MSImelan&time=1355915363760&hash=6d662f5d7c62eb71442e55d3a4aa7a93&app=Smart. The application interface includes a navigation menu with tabs: Aeronautical Data, Requests, Documents, Distributions, Data Supervisors, and Publications. A purple arrow points to the 'Distributions' tab. Below the navigation menu, there is a 'Logout fa_MSImelan@SQL-SouthAfrica' link and a 'New distribution' button. The main content area displays a table titled 'Distributions' with the following data:

Name	Distribution Date	State
14 NOV 13	2013/11/14 12:00 AM	Distributed
2 MAY 13	2013/05/02 12:00 AM	Opened
14 MAR 13	2013/03/14 12:00 AM	Opened
7 MAR 13	2013/03/07 12:00 AM	Distributed
7 FEB 13	2013/02/07 12:00 AM	Distributed
31 JAN 13	2013/01/31 12:00 AM	Opened
24 NOV 12	2012/11/24 12:00 AM	Distributed

SmartWebClient: Create a Distribution (continued)



- ❖ Once saved a Distribution displays a status: “OPENED” or DISTRIBUTED”
- “Opened” Status – When changes have not been distributed, and Distribution is not closed
- “Distributed” Status – When the Distribution is closed



SmartWebClient: Create a Request

- A Request is an appeal to change published data. Any change can be traced back to a “Request”.
- ❖ Click the “Requests” tab then Select “New Request”.

The screenshot shows the SmartWebClient Application View in Internet Explorer. The browser address bar displays the URL: http://vead03:8888/eadexplorer/startDPApp.jsp?newWindow=http://cad-iis1/SmartAIM/login.aspx?username=fa_MSimelan&time=1355915363760&hash=6d662f5d7c62eb71442e55d3a4a7a938&app=Smart. The page title is "SmartWebClient Application View". The user is logged in as "fa_MSimelan@SQL:SouthAfrica". The navigation tabs include "Aeronautical Data", "Requests", "Documents", "Distributions", "Data Supervisors", and "Publications". The "Requests" tab is active, showing a "Request list" table. A purple arrow points to the "New request" link in the top right corner of the page.

Reference number	Sent date	Delivery date	Description	State
▶ SDO Import 2013-02-07	2012/12/14	2012/12/14		Opened
▶ liklj	2012/12/12	2012/12/14		Opened
▶ PERM SUP	2012/12/13	2012/12/13		Opened
▶ SAT 3 TEST	2012/12/12	2012/12/12		Opened
▶ SUP SAT	2012/12/12	2012/12/12		Opened
▶ SDO Import 2013-11-14	2012/12/11	2012/12/11		Opened
▶ SAT3	2012/12/10	2012/12/10		Opened
▶ 1	2012/10/23	2012/10/24		Opened

SmartWebClient: Create a Request (continued)

- ❖ Fill in the required fields (in red) on the “New Request” screen
- **Reference Number – AIS** – This number is used by the system as the request name.
- **Required Effective Date** – Effective date of changes required by the Data Originator.
- **Request Sent Date** – The date the request was sent by the Data Originator.
- **Request Delivery Date** – The date the request was received by AIS.

SmartWebClient Application View - Windows Internet Explorer

http://vead03:8888/eadexplorer/startDPApp.jsp?newWindow=http://cad-iis1/SmartAIM/login.aspx?username=fa_MSImelan&time=1355915363760&hash=6d662f5d7c62eb71442e55d3a4aa7a93&app=Smart

SmartWebClient Application View

Logout fa_MSImelan@SQL.SouthAfrica

Aeronautical Data | Requests | Documents | Distributions | Data Supervisors | Publications

[Save request](#) [Back to list](#)

New request

Reference Number - AIS Request to confirm date AIRAC

Supplier Ref.Nr. Request proceed date AIRAC

Request type: external request

Delivery method: Mail

Required publishing method:

Required effective date AIRAC

Request sent date AIRAC

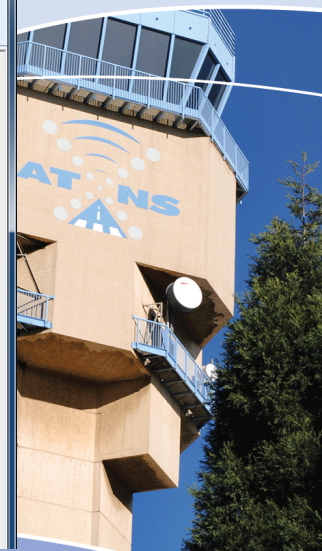
Request delivery date AIRAC

Request description

Publishing method:

Reference document:

Attachment Browse...



SmartWebClient: Create a Document

- A 'Document' is essentially a package of changes of SDO data and can include both Chapter and Chart modifications to any appropriate publication. All changes become valid and are distributed simultaneously.

- ❖ Click on "Documents" tab. Select "New document".

SmartWebClient Application View - Windows Internet Explorer

http://vead03:8888/eadexplorer/startDPApp.jsp?newWindow=http://cad-iis1/SmartAIM/login.aspx?username=fa_MSImelan&time=1355915363760&hash=6d662f5d7c62eb71442e55d34aa7a938&app=Smart

Logout fa_MSImelan@SQL:SouthAfrica

Aeronautical Data | Requests | **Documents** | Distributions | Data Supervisors | Publications

[New document](#)

Filter

Validity:

from AIRA

to AIRA

Document type

INITIAL

AIRAC

AIP SUP

AIP AIC

AMDT

Document state

Opened

Prepared

Printed

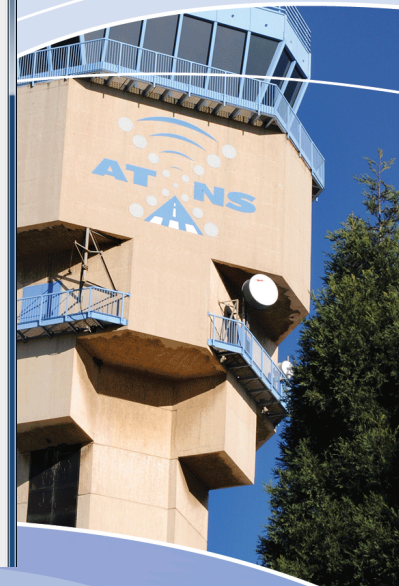
Published

Source

Only own

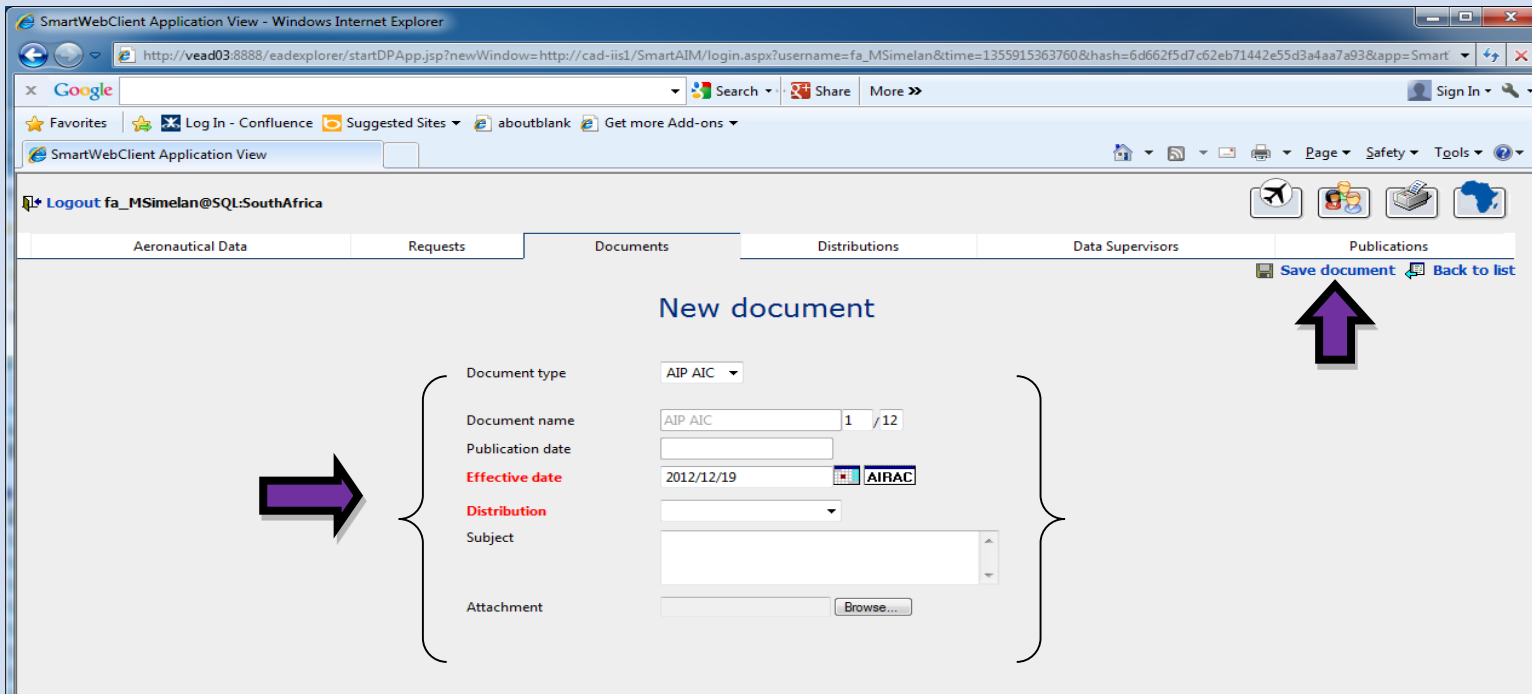
Only foreign

Publication date	Document name	Effective date	Validity to	Type	Distribution date	State	PAMS in CAD
2013/11/14	AIRAC 1/13	2013/11/14	PERM	AIRAC	2013/11/14	Published	No
2013/05/02	AIP SUP 02/13	2013/12/02	PERM	AIP SUP	2013/05/02	Opened	No
2013/03/14	AMDT 2/13	2013/04/14	PERM	AMDT	2013/03/14	Opened	No
2013/03/07	AIP SUP 1/13	2013/04/04	2013/10/17 EXT	AIP SUP	2013/03/07	Published	No
2013/02/07	AIP AIC 1/13	2013/02/07	PERM	AIP AIC	2013/02/07	Published	No
2013/01/31	AMDT 1/13	2013/02/07	PERM	AMDT	2013/01/31	Opened	No
2012/11/24	INITIAL 1/13	2013/01/10	PERM	INITIAL	2012/11/24	Published	No



SmartWebClient: Create a Document (continued)

❖ Fill in information and save Document



SmartWebClient Application View - Windows Internet Explorer

http://vead03:8888/eadexplorer/startDPApp.jsp?newWindow=http://cad-iis1/SmartAIM/login.aspx?username=fa_MSImelan&time=1355915363760&hash=6d662f5d7c62eb71442e55d3a4aa7a93&app=Smart

Google Search Share More >> Sign In

SmartWebClient Application View

Logout fa_MSImelan@SQL-SouthAfrica

Aeronautical Data Requests Documents Distributions Data Supervisors Publications

Save document Back to list

New document

Document type: AIP AIC

Document name: AIP AIC 1 /12

Publication date: []

Effective date: 2012/12/19 AIRAC

Distribution: []

Subject: []

Attachment: [] Browse...

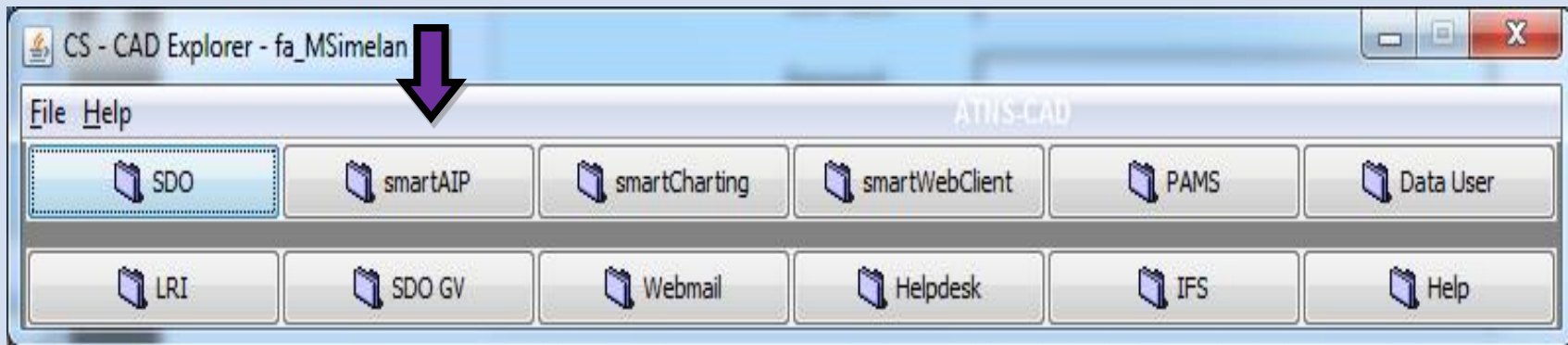
➤ Three basic Document types

- Amendment (AMDT)
- Supplement (SUP)
- Circular (AIC)



CAD Explorer: Common Services

- ❖ Return to the Common Service (CS) screen and select the SmartAIP application.



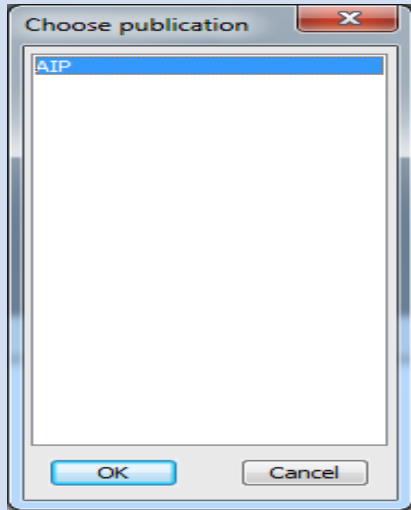
SmartAIP: Opening a Chapter

❖ Click SmartAIP > Chapter > Open new

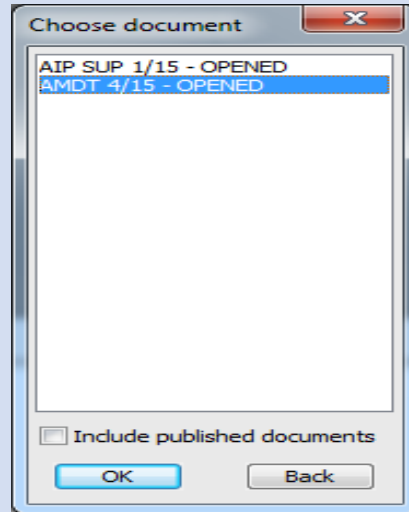


SmartAIP: Opening a Chapter (continued)

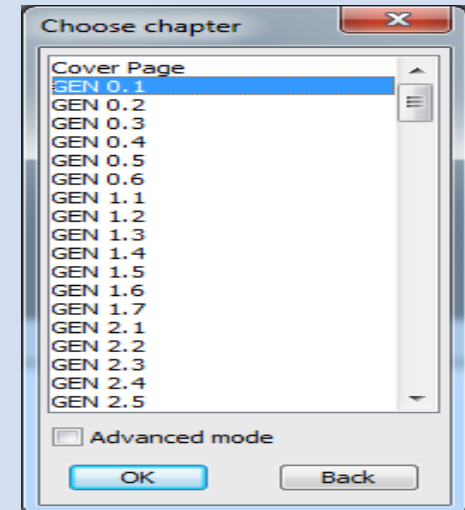
Choose Publication



Choose Document

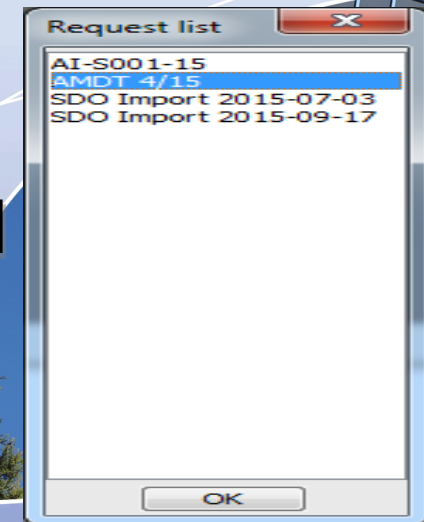
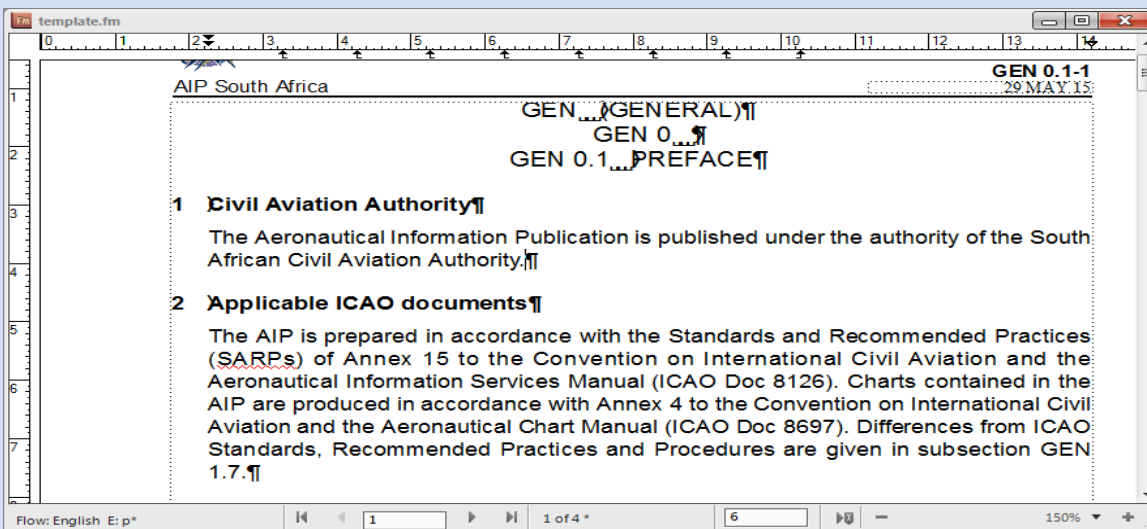


Choose Chapter



Opened Chapter

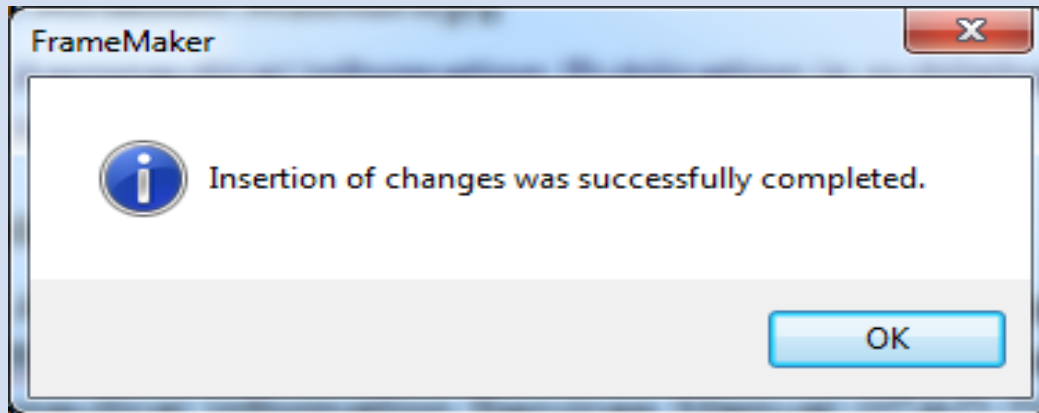
Choose Request List



SmartAIP: Process of saving Changes

Step 1 - Inserting Changes

- ❖ Click SmartAIP > Changes > Insert then Click OK

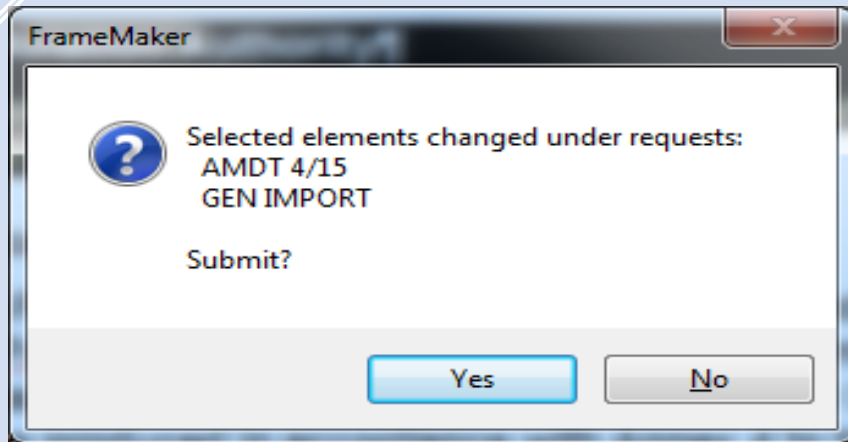


Step 2 - Submitting Changes

- ❖ Click SmartAIP > Changes > Submit then Click OK
(Highlight the changes you want to Submit)



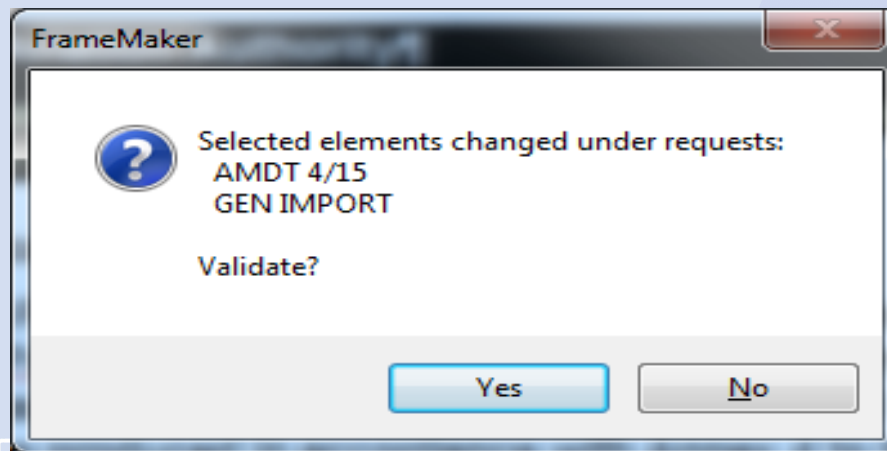
SmartAIP: Process of saving Changes (continued)



Step 3 - Validating Changes

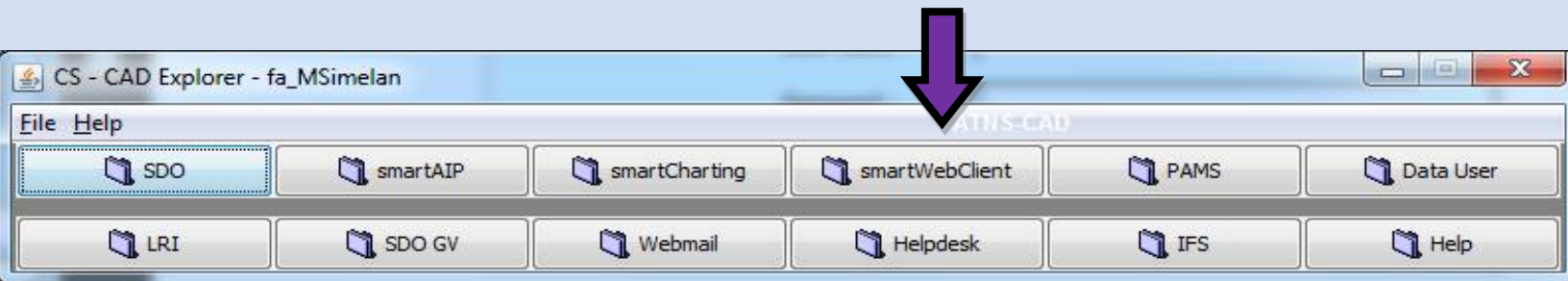
❖ Click SmartAIP > Changes > Validate then Click OK

(Highlight the changes you want to Validate)



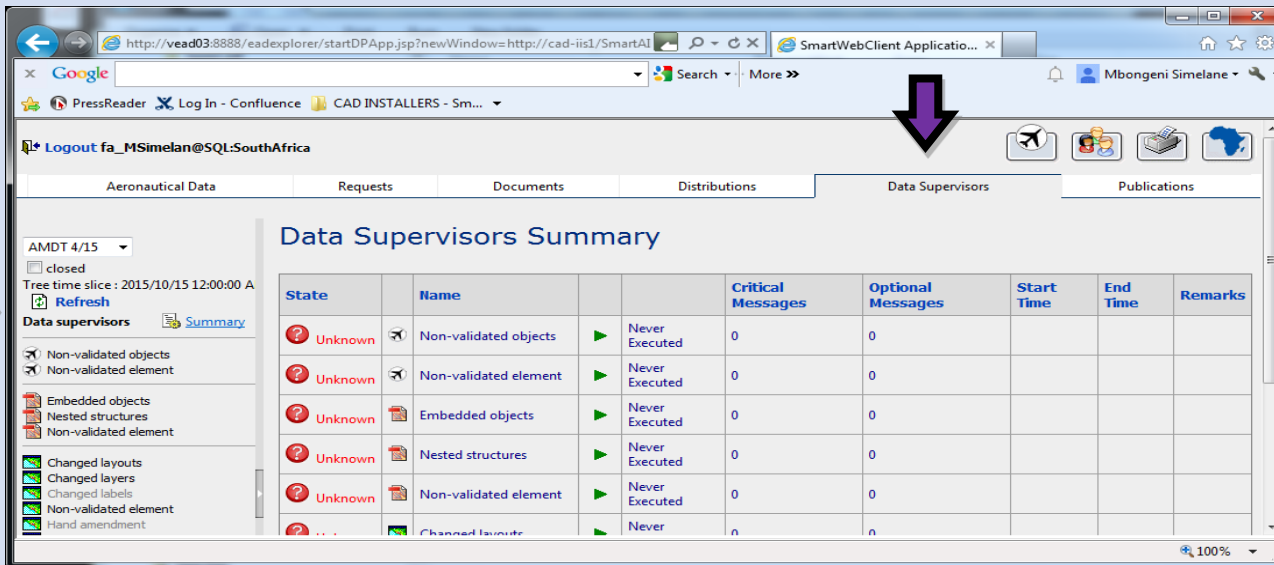
SmartWebClient: Running Data Supervisors

- The Data Supervisors are used for verifying document data consistency. When a user makes a change to data that should also be altered elsewhere, e.g. in a chart or text, the data supervisor informs the user of this fact.
- ❖ Once all the changes have been validated, return to the SmartWebClient to run the Supervisors.



SmartWebClient: Running Data Supervisors (continued)

- ❖ Select the Data Supervisors tab, choose the document and run the supervisors by clicking the ► icon



The screenshot shows the SmartWebClient application interface. The browser address bar displays the URL: `http://vead03:8888/eadexplorer/startDPApp.jsp?newWindow=http://cad-iis1/SmartAI`. The application is running under the user `Mbongeni Simelane`. The main navigation tabs include Aeronautical Data, Requests, Documents, Distributions, Data Supervisors, and Publications. The 'Data Supervisors' tab is active, showing a 'Data Supervisors Summary' table. A purple arrow points to the 'Data Supervisors' tab, and another purple arrow points to the 'Data supervisors' section in the left sidebar. The table contains the following data:

State	Name	Critical Messages	Optional Messages	Start Time	End Time	Remarks
Unknown	Non-validated objects	Never Executed	0			
Unknown	Non-validated element	Never Executed	0			
Unknown	Embedded objects	Never Executed	0			
Unknown	Nested structures	Never Executed	0			
Unknown	Non-validated element	Never Executed	0			
...	Changed layouts	Never	0			

- The status column should read “valid” for successful data. If there are any critical messages you should open the Chapter using the SmartAIP application to submit and validate all changes then run the Supervisors again until all critical messages are resolved.



SmartWebClient: Process to Creating eAIP

- ❖ Change the Document status to “Prepared” in smartWebClient application.
 - ❖ Return to the SmartAIP application to Print Chapters to PDF
 - ❖ Change Document status to “Printed”
- Creating eAIP

The screenshot shows the SmartWebClient application interface. The browser window title is "EAIP - Windows Photo Viewer". The address bar shows the URL: http://vead03:8888/eadexplorer/startDPApp.jsp?newWindow=http://cad-iis1/SmartAIM/login.aspx?username=fa_. The user is logged in as "fa_TPitso/fa_TPitso@SQL-SouthAfrica". The interface has four tabs: "Output centre - Distribution", "Output centre - Documents", "Output centre - eAIP", and "Output centre - Publication". The "Output centre - Distribution" tab is active, showing a "Refresh" button and a list of distributions. The "17 SEP 15" distribution is selected. The "Distribution details" section shows the following information:

Validity	2015/09/17
State	Opened
eAIP Generated by	
Last generated eAIP	
Last generated eAIP status	No eAIP has been created

Below the details, there is a "Related Documents" section with a "Create eAIP" button. The "Preview status" is "eAIP is not available".



SmartWebClient: Process to Creating eAIP (continued)

❖ Publishing AIP Documents

Click on the (Output Centre) > Select “Output Centre- Open Distribution“ > Select the Distribution from the tree on the left side

❖ Sending eAIP to PAMS

Click on the (PAMS) icon on SmartWebClient > Select the “Create PAMS“ tab. Select a PAMS document from the tree > Click on the “Upload eAIS package to CAD“ icon.

❖ Closing the Distribution (Final Step)

Click on the (Output Centre) icon > Select the “Output Centre- Open Distribution“ tab.

Select the Distribution from the tree on the left side.

Click the Close Distribution icon.





Contact us

ATNS HEAD OFFICE

Postal address

Private Bag X15
Kempton Park
1620

Street address

Block C, Eastgate Office Park
South Boulevard Road
Bruma 2198
Gauteng
Republic of South Africa

Contact details

Tel: +27 11 607 1000

Fax: +27 11 607 1570

Website: www.atns.com

Email: marketing@atns.co.za

THE AVIATION TRAINING ACADEMY

Postal address

Private Bag X1
Bonaero Park
1622

Contact details

Tel: +27 11 570 0400

Fax: +27 11 395 3347

Thank you