



Australian Government
Department of Foreign Affairs and Trade

AUSTRALIAN
PASSPORT OFFICE

*A history of
passports in
Australia*



1914

The look of passports has changed a great deal since the first Australian passports were issued in 1914. This single sheet passport, issued in 1916, is hand written and lists the bearer's physical attributes as well as a photograph.

2000

The personal details and photograph on the current series passports are printed electronically onto the laminate and bound into a booklet.



www.passports.gov.au
passports

The words 'Australian Passport' replaced 'British Passport' on our covers in 1949. In 1950, 30,000 Australian passports were issued. Fifty years later in 1999–2000, this number had risen to nearly 1,145,000. Their production accounted for 37 tonnes of paper, 95,500 metres of thread, 69,000 metres of gold foil and 1,100 litres of glue. On average, an Australian passport is issued every 27.5 seconds.

Originally passports were hand written. Technology now plays a vital part in passport production. In 2001 the Australian passport is produced using leading edge scanning and character recognition technology.



The 'X' series passport issued in 1917 is one of the earliest surviving Australian passports. It was during World War I that monitoring and identifying those crossing international borders was critical to the security of Australia and her allies.

No 108831
PASSPORT

The first Australian passport issued in 1914 was a single sheet document, hand written and bound into a booklet.

Today's passports may look very different, but some of the key changes are less obvious at first glance:

- The War Precautions Act 1914–15 required that all persons over sixteen years of age, on leaving the Commonwealth, possess a passport.
- In 1949 two types of passports were issued:
 - B Series passports were issued (within Australia only) to British subjects who were not Australian citizens.
 - C Series passports were issued only to Australian citizens.
- Before 1983, a married woman's passport application had to be authorised by her husband.
- In 1984, Australian passports included machine readable lines and were the first to have a laminate built into the document.
- In 1986, the introduction of Single Identity passports meant children could no longer be included on their parent's passport.
- Until 1988, a woman could apply for and receive a passport in her married name, before she was actually married.
- In 1992, digitised photos were introduced.
- The current L Series passport was first issued in 1996.
- The next edition of Australian passports is scheduled for release in 2003.

More to Australian passports than meets the eye



Daylight



UV light



Collimated light, non-reflective image



UV light

Passports Australia's goal is to be at the forefront of passport technology, security and customer service. We have developed new technology and processes to further improve all aspects of our products and service.

- Since 1983, Passports Australia's partnership with Australia Post has enabled Australian citizens to apply for passports at most Australia Post outlets.
- Australian Passport Information Service (APIS) is operated on behalf of Passports Australia by Centrelink and provides information to passport applicants 365 days of the year.
- Passport applications are now scanned directly into the passport system using Intelligent Character Recognition (ICR).
- Passports Australia has patented the digital printing of passport photographs onto the glue side of the laminate—a key security feature.

Passports for the future

Passports Australia is now working towards providing a facility for Australian Citizens to apply and pay for their Australian Passport on-line.

australia
www.passports.gov.au

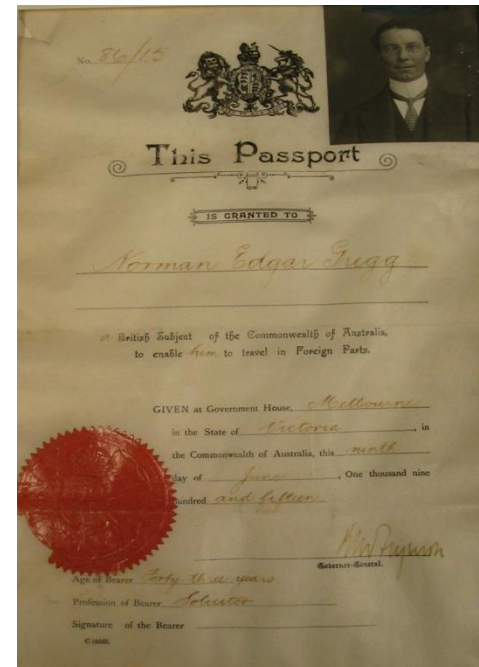


Australian Government
Department of Foreign Affairs and Trade



AUSTRALIAN
PASSPORT OFFICE

On 3 September 1912 the Commonwealth Gazette announced the first set of national passport regulations.





In March 1937, the A Series passport cover included the Commonwealth Coat of Arms and the words 'British Passport Commonwealth of Australia'.



Both the B and C Series passports contained manually inserted photos with wet seals and raised embossed seals over the photo as security features.





In 1980, the Commonwealth Government established a Royal Commission headed by Justice Stewart to investigate the fraudulent use of passports. The commission's finding would have far reaching effects on passport issuance.

Large bound book registers for registering applicants were superseded by the introduction of a computerised Passport Issue Control System (PICS)

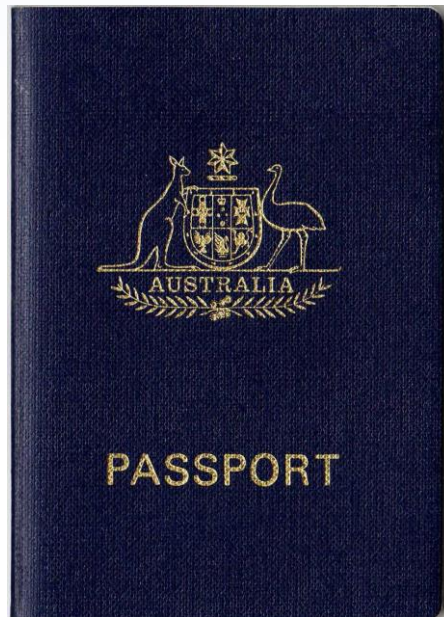
The first Australian Passports to be issued on PICS were the M Series passport introduced in 1980.



In 1950, 30 000 passports were issued. In 2007 this figure rose dramatically to over 1.4 million.

1995 - 2003 (L Series)

- A watermark of a stylised map of Australia encompassing a stylised Commonwealth Coat of Arms on all pages except the endpaper and the first and last pages;
- 3M retro-reflective laminate;
- Three colour intaglio ink used to print the Coat of Arms. Early versions of the L Series passport had four colour offset Coat of Arms ;
- UV fluorescent binding threads and UV fluorescent features;
- Reactive inks;





- Conical laser perforated numbering from page 1 through to and including the rear cover;
- Non visible UV fluorescing inks;
- Florescent fibres on visa pages;;
- Initials incorporated in microprint;
- Deliberate errors in the microprint;
- Intaglio micro text of Advance Australia Fair;
- See through registration feature of stylised kangaroos;

In 1999, the Delta System was rolled out to all Passport Offices.

Colour image printed onto the glue side of the laminate and fused to the Bio Page with heat and pressure



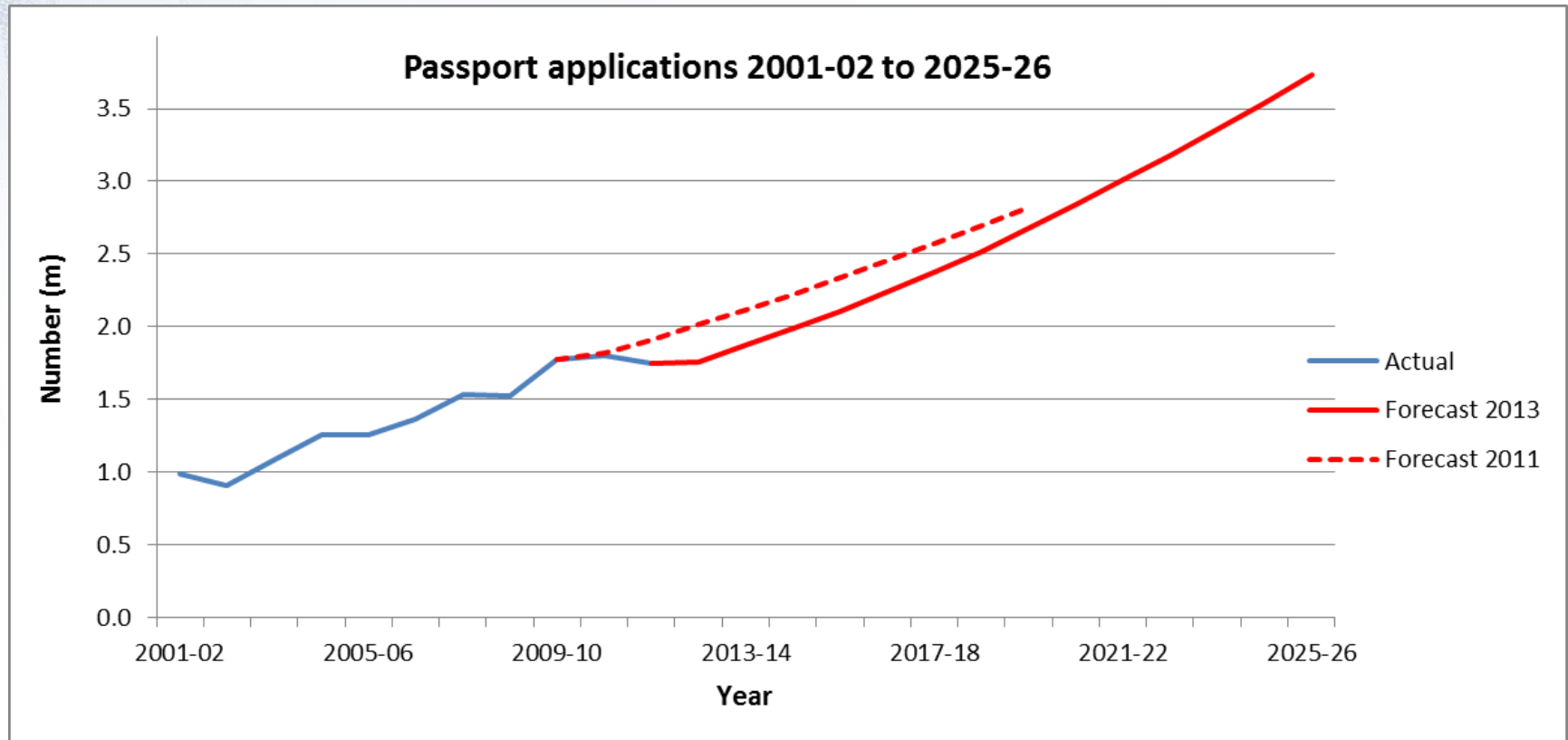
The Landscape is Changing

In 1998

- Up to 1 million passports being issued annually
- 9 issuing offices within Australia
- 140 overseas posts
- 1700 interview agent outlets (Australia Post)
- Call centre – managing approx 3 million phone calls per year
- Data Transfer to Immigration for Border Control



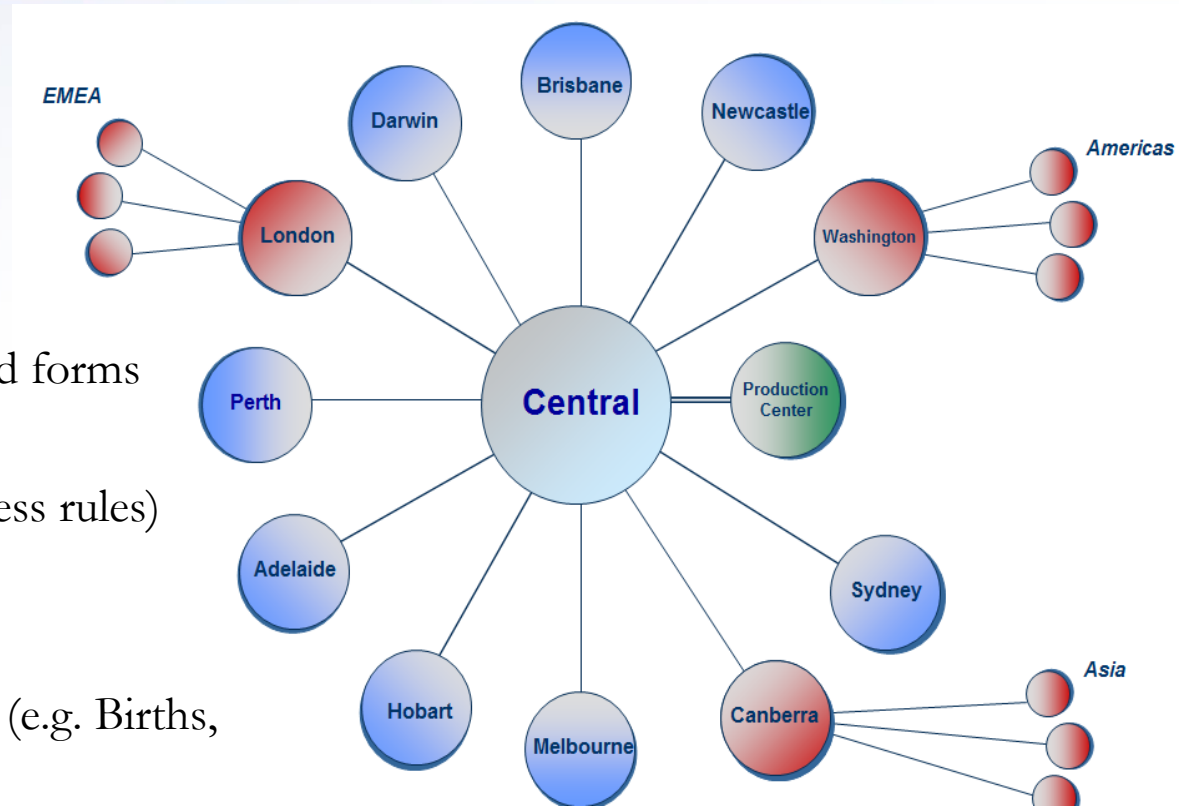
Accurate Forecasting and Trending





Delta

- Distributed imaging, workflow and forms processing
- Business analysis (complex business rules)
- Forms design
- Business system integration
- Integration with external systems (e.g. Births, Deaths and Marriages)
- Central image storage archive online





A paperless processing environment

Workflow acting in concert with the PICS mainframe application

EXTRAPIC - EXTRAI Personal Client

```

OPID: ALAN CENTRAL          P.I.C.S.  11:33:49  23/02/06  CST  MDEDISP/DISP
                                     855-NO MORE PAGES
- HQ MESSAGES FOR FORM 03258284C -
                                     Page: 1

Select | _ | ( Input / Output )      Accesses 297
                                     Time 00:01:164

Type      Date/Time              Type      Date/Time
1  $$ 04/01/06-02:21:48:882      16 SE 12/01/06-02:14:29:641
2  $$ 04/01/06-02:23:21:924      17 SE 12/01/06-02:41:59:770
3  SB 04/01/06-03:16:09:483      18 SE 12/01/06-02:42:28:320
4  NB 05/01/06-21:24:28:529      19 CC 12/01/06-03:05:45:181
5  FS 06/01/06-20:37:03:278      20 DD 12/01/06-03:05:45:378
6  FR 06/01/06-20:41:30:792      21 SA 13/01/06-22:46:55:451
7  AS 06/01/06-20:41:32:178      22 ZA 13/01/06-22:46:59:718
8  SE 12/01/06-01:33:53:309      23 SA 13/01/06-22:46:59:747
9  SE 12/01/06-01:34:39:509      24 EI 14/01/06-01:21:10:613
10 SE 12/01/06-01:40:04:777      25 CC 14/01/06-02:41:22:076
11 NB 12/01/06-01:40:27:098      26 DA 14/01/06-02:41:22:171
12 SE 12/01/06-01:41:12:278      27 DD 17/01/06-02:30:49:001
13 HA 12/01/06-01:42:03:541
14 SE 12/01/06-02:12:16:229
15 DD 12/01/06-02:12:17:094

PF1-HELP PF3-EXIT  PFS-NEW FORM  PF9-FORM
05/11
Connected to host 172.30.13.128
  
```

Delta (Point Laminate)

Application Details:
Form Number: 71181851M Priority: Routine
Assessment: High Dispatch Date: 11/01/2002 23:59
Date of Birth: 22/01/1958 Dispatch Method: Express Post
Document Type: Ordinary Sex: Female
Family Name: [REDACTED] Given Names: [REDACTED]

Allocation Details:
New Passport Number: [REDACTED]
Work Item Details:
Reminder Date: [REDACTED] Manufacture Date: 04/01/2002

Group Work Items:
Form Number Priority Printed Family Name Given Name

Machine Readable

Document Viewer

Documents:
025543215 SCS - 06 Dec 01 09:02 - Page 1
025543215 SCS - 06 Dec 01 09:02 - Page 2
025543215 SCS - 06 Dec 01 09:02 - Page 3
025543215 SCS - 06 Dec 01 09:02 - Page 4
025543215 SCS - 06 Dec 01 09:02 - Page 5
025543215 SCS - 06 Dec 01 09:02 - Page 6
025543215 SCS - 06 Dec 01 09:02 - Page 7
025543215 SCS - 06 Dec 01 09:02 - Page 8
025543215 SCS - 06 Dec 01 09:02 - Page 9
025543215 SCS - 06 Dec 01 09:02 - Page 10
025543215 SCS - 06 Dec 01 09:02 - Page 11
025543215 SCS - 06 Dec 01 09:02 - Page 12
025543215 SCS - 06 Dec 01 09:02 - Page 13
025543215 SCS - 06 Dec 01 09:02 - Page 14
025543215 SCS - 06 Dec 01 09:02 - Page 15
025543215 SCS - 06 Dec 01 09:02 - Page 16
025543215 SCS - 06 Dec 01 09:02 - Page 17
025543215 SCS - 06 Dec 01 09:02 - Page 18
025543215 SCS - 06 Dec 01 09:02 - Page 19
025543215 SCS - 06 Dec 01 09:02 - Page 20
025543215 SCS - 06 Dec 01 09:02 - Page 21
025543215 SCS - 06 Dec 01 09:02 - Page 22
025543215 SCS - 06 Dec 01 09:02 - Page 23
025543215 SCS - 06 Dec 01 09:02 - Page 24
025543215 SCS - 06 Dec 01 09:02 - Page 25
025543215 SCS - 06 Dec 01 09:02 - Page 26
025543215 SCS - 06 Dec 01 09:02 - Page 27
025543215 SCS - 06 Dec 01 09:02 - Page 28
025543215 SCS - 06 Dec 01 09:02 - Page 29
025543215 SCS - 06 Dec 01 09:02 - Page 30
025543215 SCS - 06 Dec 01 09:02 - Page 31
025543215 SCS - 06 Dec 01 09:02 - Page 32
025543215 SCS - 06 Dec 01 09:02 - Page 33
025543215 SCS - 06 Dec 01 09:02 - Page 34
025543215 SCS - 06 Dec 01 09:02 - Page 35
025543215 SCS - 06 Dec 01 09:02 - Page 36
025543215 SCS - 06 Dec 01 09:02 - Page 37
025543215 SCS - 06 Dec 01 09:02 - Page 38
025543215 SCS - 06 Dec 01 09:02 - Page 39
025543215 SCS - 06 Dec 01 09:02 - Page 40
025543215 SCS - 06 Dec 01 09:02 - Page 41
025543215 SCS - 06 Dec 01 09:02 - Page 42
025543215 SCS - 06 Dec 01 09:02 - Page 43
025543215 SCS - 06 Dec 01 09:02 - Page 44
025543215 SCS - 06 Dec 01 09:02 - Page 45
025543215 SCS - 06 Dec 01 09:02 - Page 46
025543215 SCS - 06 Dec 01 09:02 - Page 47
025543215 SCS - 06 Dec 01 09:02 - Page 48
025543215 SCS - 06 Dec 01 09:02 - Page 49
025543215 SCS - 06 Dec 01 09:02 - Page 50
025543215 SCS - 06 Dec 01 09:02 - Page 51
025543215 SCS - 06 Dec 01 09:02 - Page 52
025543215 SCS - 06 Dec 01 09:02 - Page 53
025543215 SCS - 06 Dec 01 09:02 - Page 54
025543215 SCS - 06 Dec 01 09:02 - Page 55
025543215 SCS - 06 Dec 01 09:02 - Page 56
025543215 SCS - 06 Dec 01 09:02 - Page 57
025543215 SCS - 06 Dec 01 09:02 - Page 58
025543215 SCS - 06 Dec 01 09:02 - Page 59
025543215 SCS - 06 Dec 01 09:02 - Page 60
025543215 SCS - 06 Dec 01 09:02 - Page 61
025543215 SCS - 06 Dec 01 09:02 - Page 62
025543215 SCS - 06 Dec 01 09:02 - Page 63
025543215 SCS - 06 Dec 01 09:02 - Page 64
025543215 SCS - 06 Dec 01 09:02 - Page 65
025543215 SCS - 06 Dec 01 09:02 - Page 66
025543215 SCS - 06 Dec 01 09:02 - Page 67
025543215 SCS - 06 Dec 01 09:02 - Page 68
025543215 SCS - 06 Dec 01 09:02 - Page 69
025543215 SCS - 06 Dec 01 09:02 - Page 70
025543215 SCS - 06 Dec 01 09:02 - Page 71
025543215 SCS - 06 Dec 01 09:02 - Page 72
025543215 SCS - 06 Dec 01 09:02 - Page 73
025543215 SCS - 06 Dec 01 09:02 - Page 74
025543215 SCS - 06 Dec 01 09:02 - Page 75
025543215 SCS - 06 Dec 01 09:02 - Page 76
025543215 SCS - 06 Dec 01 09:02 - Page 77
025543215 SCS - 06 Dec 01 09:02 - Page 78
025543215 SCS - 06 Dec 01 09:02 - Page 79
025543215 SCS - 06 Dec 01 09:02 - Page 80
025543215 SCS - 06 Dec 01 09:02 - Page 81
025543215 SCS - 06 Dec 01 09:02 - Page 82
025543215 SCS - 06 Dec 01 09:02 - Page 83
025543215 SCS - 06 Dec 01 09:02 - Page 84
025543215 SCS - 06 Dec 01 09:02 - Page 85
025543215 SCS - 06 Dec 01 09:02 - Page 86
025543215 SCS - 06 Dec 01 09:02 - Page 87
025543215 SCS - 06 Dec 01 09:02 - Page 88
025543215 SCS - 06 Dec 01 09:02 - Page 89
025543215 SCS - 06 Dec 01 09:02 - Page 90
025543215 SCS - 06 Dec 01 09:02 - Page 91
025543215 SCS - 06 Dec 01 09:02 - Page 92
025543215 SCS - 06 Dec 01 09:02 - Page 93
025543215 SCS - 06 Dec 01 09:02 - Page 94
025543215 SCS - 06 Dec 01 09:02 - Page 95
025543215 SCS - 06 Dec 01 09:02 - Page 96
025543215 SCS - 06 Dec 01 09:02 - Page 97
025543215 SCS - 06 Dec 01 09:02 - Page 98
025543215 SCS - 06 Dec 01 09:02 - Page 99
025543215 SCS - 06 Dec 01 09:02 - Page 100

Document Viewer

Documents:
L4182701
PCT - 15 May 03 16:52
Page 1
Page 2
Page 3
SCP - 16 May 03 12:36
SCS - 16 May 03 12:36
FN - 19 May 03 11:48
PHO - 19 May 03 11:50
SIG - 19 May 03 11:51
AUD - 09 Jun 03 12:13

L4182701 - SCP - 16 May 03 12:36

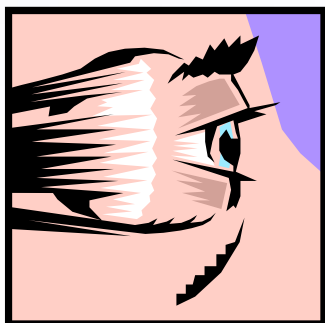
Dossier L4182701 - SCP - 16 May 03 12:36

Zoom: 60% Page 1



2005 M Series & Delta updated for ePassports & Biometrics

- ePassports issued from 24 October 2005
- **Basic Access Control**
- Facial Recognition integrated into the passport issuing process



Document Viewer - [Facial Recognition Bio Gallery]

File View Tools Window Help

100%

Documents


- 9317F
 - SN1 - 01 Mar 13 12:49
 - SN2 - 01 Mar 13 12:49
 - SN3 - 01 Mar 13 12:49
 - SN4 - 01 Mar 13 12:49
 - PC1 - 01 Mar 13 12:49
 - Page 1
 - Page 2
 - Page 3
 - Page 4
 - Page 5
 - Page 6
 - Page 7
 - SCP - 01 Mar 13 12:55
 - SCS - 01 Mar 13 12:55
 - JZK - 01 Mar 13 13:11
 - GMH - 01 Mar 13 13:11
 - SGN - 01 Mar 13 13:11
 - JPG - 01 Mar 13 13:11
 - JPB - 01 Mar 13 13:11
 - 97817F (FR Bio Matches)
 - 97817F.GAL
 - 97817F (FR Bio Matches)
 - 97817F.GAL
 - 97817F.JPG
 - 54096M.JPG
 - 90332N.JPG
 - 73685F.JPG
 - 08243P.JPG
 - 75291K.JPG
 - 01313P.JPG
 - 02799P.JPG
 - 26619D.JPG
 - 05234F.JPG
 - 97317F (Client Matches)
 - 54096M.PHO
 - 54096M.SIG
 - 97817F.PHO
 - 97817F.SIG

FR Gallery

Send to Unidas

Create Gallery

Compare



99.973% 99.953% 71.949% 71.201% 69.221%

67.153% 67.101% 66.818% 66.087% 65.893%

Client History Matches

Year:	2013	2001	2001	None
Age:	64	52	52	None

FR Score:

Probe	99.955%	99.956%	99.983%
None	None	None	None

Current Alert:
PPT Status:

None N None None

Dossier Facial Recognition Bio Gallery

Zoom - 100% Page 1



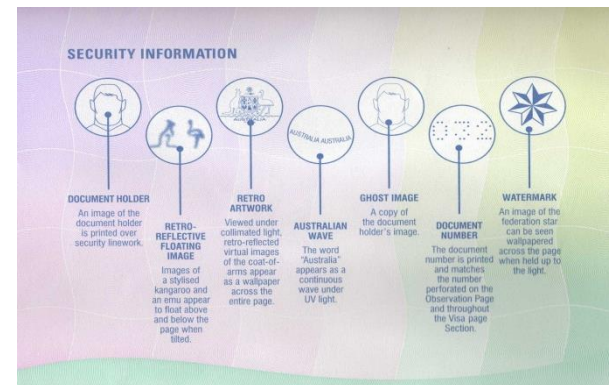
2009 N Series ePassport

The N Series ePassport was introduced in May 2009.

The N series incorporates a completely new design with images of Australia's unique flora, fauna and lifestyle printed throughout the document. It also incorporates a number of highly advanced printing and manufacturing techniques and incorporates the use of environmentally friendly (carbon neutral) paper.

With a strong security and integrity theme, the N series incorporates a unique design on every visa page. The passport includes a security information section designed to highlight to border control officials seven readily identifiable security features.

To complement the physical security improvements, the N series passport incorporates **Active Authentication**.





Australian Government
Department of Foreign Affairs and Trade

2014 P Series

The P series numbering will be 2 alpha characters followed by 7 numerals.



Every 10 years, the APO completely re-designs the Australian passport and every 5 years that passport is reviewed and minor refinements are made. In reviewing a series, the Australia considers new technologies, new security features, and options to minimise any vulnerabilities

Australia prepares to add PACE



Australia's Passport Issuance Future.....

Passport Redevelopment Program

By 2017 the Passport Redevelopment Program will deliver a contemporary business solution via an ICT platform to provide a more secure, efficient and responsive passport service for Australia. It will:

- deliver an issuance solution enabling operating efficiencies to better manage the projected growth in passport issue rates to at least 3.5 million per year
- increase the integrity of the issuance process including being consistent with the elements of the Australian Government's National Identity Security Strategy
- improve responsiveness to future requirements of clients and the Australian Government



A move away from labour intensive practices to a more sustainable solution for Capture and Personalisation, while maintaining full control of the Eligibility process as we approach issuance rates of over 2 million passport per year.





???????

R Series

Every 10 years, the APO completely re-designs the Australian passport.
That It will:

- Use the lessons learnt in previous revisions, N and P Series
- Introduce new security features that will facilitate the secure passage of Australians
- Deliver a new Australian travel document for the next 10 years



Australia's ePassport Timeline

- Oct 2004, all Standards frozen at the NTWG in Tokyo
- Aus aligns it's ePassport program to US Visa Waiver deadline.
- 2005 Aus prepares to issue an ePassport
- 2005 Aus issues M Series ePassport with BAC in Oct
- 2009 Aus issues N Series with Active Authentication
- 2014 Aus completes development and testing of PACE
- Aus will introduce PACE in the P Series in 2017



Why an ePassport?

- Facilitation
- Security



Step 1



Step 2



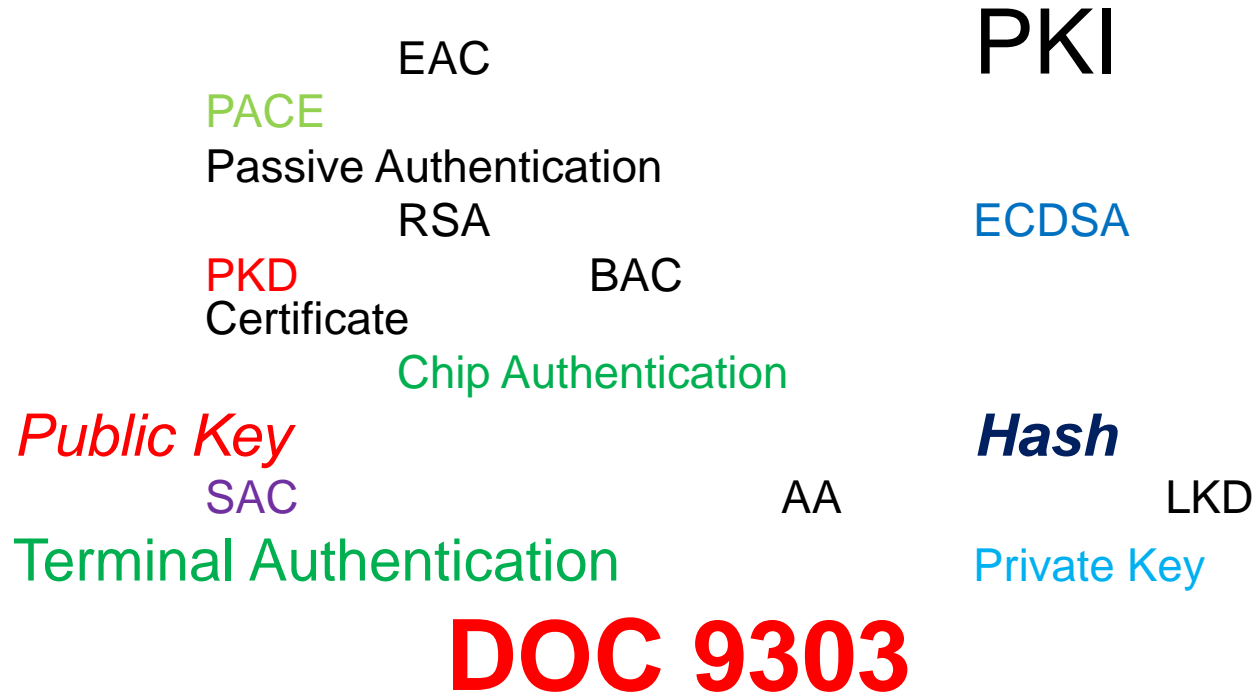


Why have Standards?

- Global Interoperability
- Security
- Privacy

The issuer personalises the passport and chip in accordance with "standards" (Doc 9303) and their own policy

The issuer having done everything correctly no longer cares what happens, **it's a border problem now....**



Interoperability



ePassport Standards

User

Participant



Roles and Responsibilities

- User
 - Unless you participate you generally don't get a say and the choices are made for you
 - Users get the work done for them BUT not necessarily in a timeline that suites them or with the specifications they need.
 - And at what cost



PARTICIPANT

Participants influence the standards.....

Participants can work to ensure that the changes to standards are aligned to their countries timelines and objectives

Participants are able to learn from experts in the fields of travel document security, PKI, identity management etc and take that knowledge home.

TAG, NTWG, PKD Board, ISO/IEC/SC17/WG3, TF1-5



Questions ?