





Overview



Short introduction

- who we are
- what is our background

Presentation

- what is IDstation.online
- how does it work?
- who is using it + demos
- what are the major benefits

Questions



Introduction



DPS – Digital Photo Systems BV / BA –
Brands Australia

We manufacture:

- ID systems
- passport photo systems
- biometric software



[Click to play video](#)

We sell world-wide, mostly countries with biometric passports and countries that focus on border security. Australia, New Zealand, Asia, Canada, US, Europe, Baltic states, Scandinavia and so on.



Background information



Because we are selling passport photo systems in a lot of countries we frequently get involved in changes to National Passport programmes. As we do currently within Australia, New Zealand and Asia.

There are two major changes concerning official ID documents:

1. Governments implement **online** applications for passport, driving license and Visa.
2. Governments require **digital** passport photos instead of printed photos.

Both have a big impact as they move from printed passport photos to digital passport photos!



Background information



Many things change when digital passport photos are used:

- Procedures how citizens need to handover their photo to the government (at various levels by country)
- Procedures how retailers must take passport photos and hand them over to the citizen
- Security procedures ie (antimorphing)
- Quality control procedures
- Verification procedures (secure coded files)
- Format and specifications of passport photos



Background information



Countries implement new procedures and requirements to deal with these changes.

We modify our products to be compatible with these new procedures and requirements.



What is IDstation.online?

We have implemented them all into one system:





How does it work?



Citizens have their passport photo taken. Exactly as they are doing now. So they can go to a photo booth, photo store, pharmacy or any other place where they take passport photos.

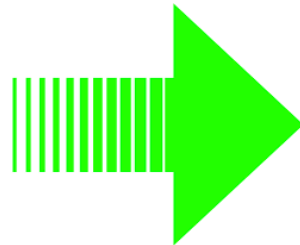


Citizens go to the local passport photo specialist



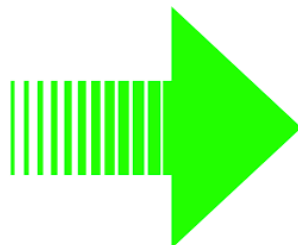
Citizens go to the local passport photo store or location

Which can be a photo booth ...





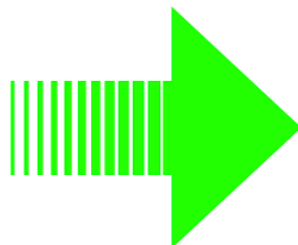
Citizens go to the local passport photo store or location



Or another self service system such as a SelfieD



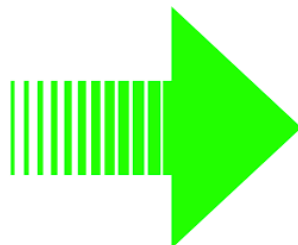
Citizens go to the local passport photo store or location



passport photo system in a photo store



Citizens go to the local passport photo store or location



passport photo system
in a photo store or pharmacy





All passport photo systems are connected to IDstation.online





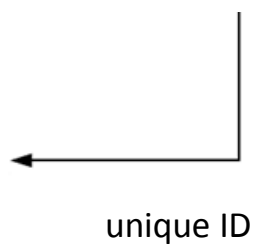




- check quality
- save photo
- save exif
- save thumbnail
- save fingerprint
- save signature
- save email address
- save other info

- S3 object storage

- **Generate unique ID**

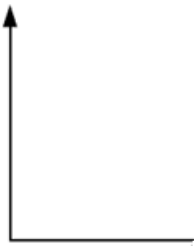


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- S3 object storage
- **Generate unique ID**



- check quality
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- save fingerprint
- save signature
- save email address
- save other info



This is a printed copy of your passport photo. The digital passport photo itself is saved using this code:

2AF42271

HOW DOES IT WORK?
To get your digital passport photo go to the IDstation.online website. Just enter your code and you can download and manage your photos.

We follow the new EU GDPR regulations for storing your photos. For more information go to IDstation.online.

Date order: 06-03-2018-17-07-02-8
Photo for: Ireland Passport online
iCAD website: www.idstation.online
Store: DPS office Paul
Store street: Fransiscusweg 219
Store city: 1216SB Hilversum
Store phone: 035-6421046



printed unique ID
+ info + photos

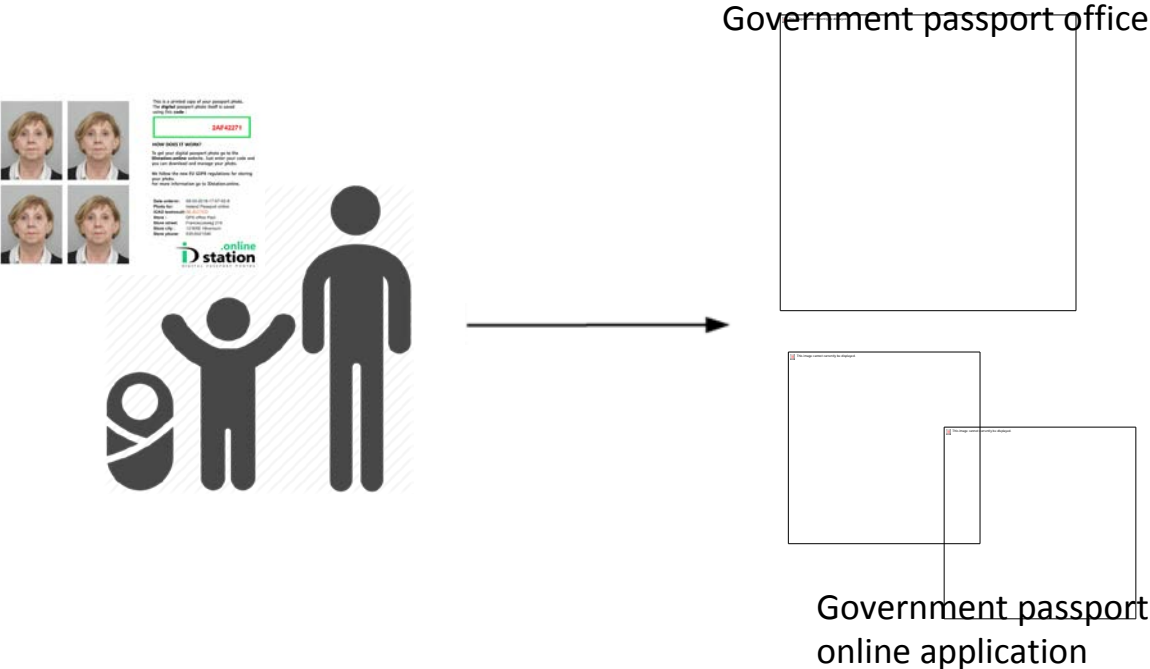


unique ID

- S3 object storage
- **Generate unique ID**

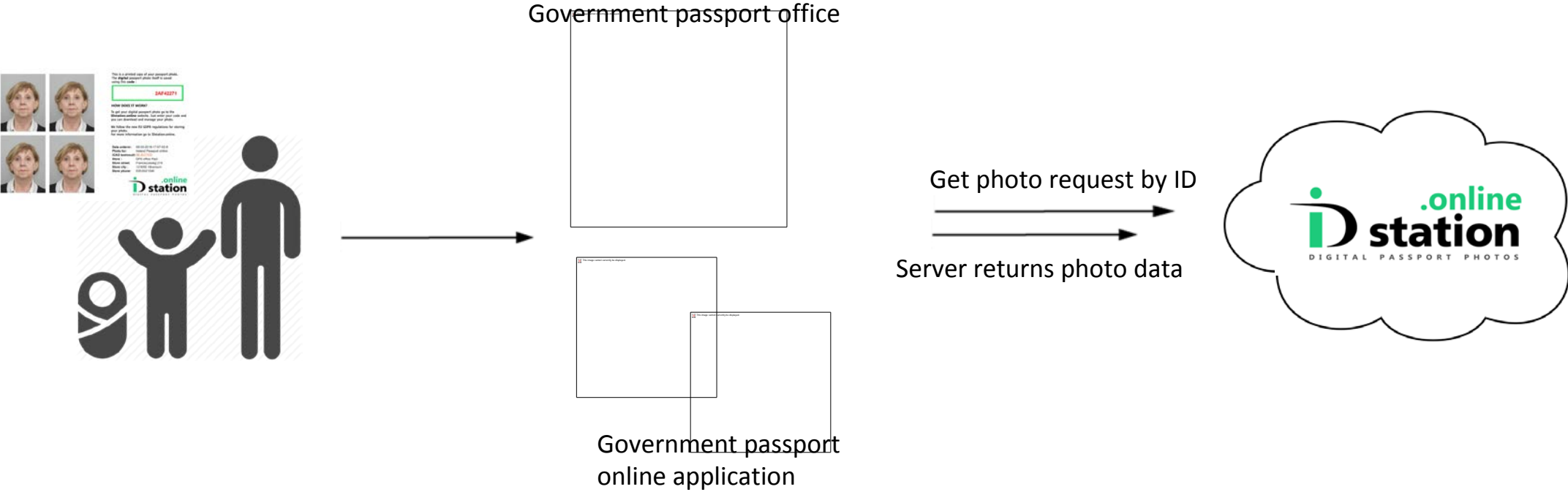


Citizen applies for new ID document and used digital passport photo by ID





Government gets the digital passport photo from server by ID





Existing applications

France	online driving license application 2016 ID card and other online applications 2018
UK	online passport renewal 2017
Ireland	online passport renewal 2017 new online apps in Nov. 2018
Australia	online passport application 2018/2019
New Zealand	various online apps since 2015
Canada	various online apps
And many more	



Existing applications



Example video : ANTS France

**To watch examples of existing applications (France and UK),
please click the link on the last slide of the document**



Existing applications



Example video : HMPO UK

Online application for passport renewal

To watch examples of existing applications (France and UK), please click the link on the last slide of the document



Implementation details security

- Every connection is encrypted
- All data is encrypted (on client, during transport and on data storage)
- S3 data object storage
- GDPR compliant

- Systems keep track of who made the photo, where, when, how and so on
- EXIF info from original image is stored
- Thumbnail of org. Image can be stored (compare)

- Customer cannot modify the image in any way
- Auto delete after 6 months



Implementation details quality

- Every digital passport photo is ICAO tested **before** upload
- Every passport photo is formatted exactly according to the official specs. (size, format, face size and position, background and so on)
- We keep track of changes to the photo and store this info along with the photo



Benefits from a Government point of view

- Very cost efficient
- Builds on existing procedures
- Friendly solution for retailers
- Easy implementation
- Easy to extend with e.g. signature
- Easy to make secure
- Easy to keep rubbish out



Contact Details

Brands Australia

Brands New Zealand

Brands Asia

[23 Encore Ave Somerton Victoria 3062
Australia](#)

Cell Ph: +61 417 553286

Office ph: +61 3 8324 0156

Fax: +61 3 8339 0943

Customer Service Ph: 1300 728606

e-mail: john.rule@brandsaustralia.com



Sharable Link For Video

<https://drive.google.com/file/d/1t35u6jdtDF-8CHkXunATaXiMUVpc16Zi/view?usp=sharing>