

ICAO Facilitation Regional Forum

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Introduction

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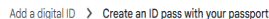
Seamless Travel





Jurisdiction specific implementation

Digital ID based on passport



Important:

- An ID pass in Google Wallet isn't a government-issued ID or a replacement for your physical ID so keep that with you as needed.
- ID pass is currently only available in the US.
- ID passes don't support international travel.
- You can still use an ID pass at supported TSA checkpoints, even if you do not have a REAL ID driver's license or state ID.

- You need a phone with Android 9 or up.
- You need a valid US Passport.
- To use this feature, you must turn on Bluetooth and Nearby devices.
- To use this feature for added security, you must set a screen lock.
- This feature is only available in the US.
- Your passport cannot be linked to an existing ID pass on Google Wallet on any of your devices.





Transportation Security Administration



U.S. DEPARTMENT of STATE

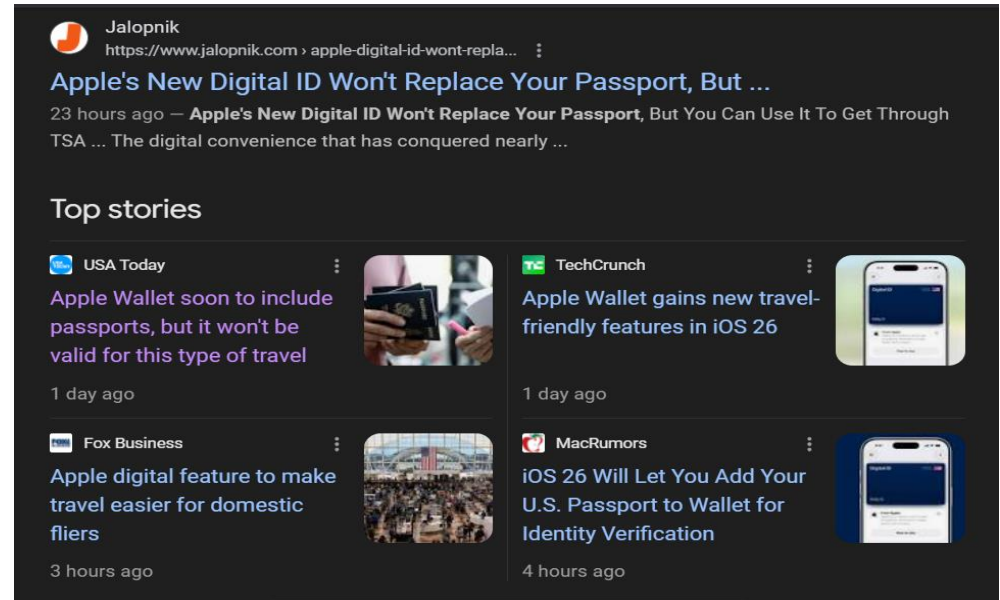


Digital Wallets



Apple's New Digital ID Won't Replace Your Passport, But You Can Use It To Get Through TSA

The announcement during the tech giant's annual Worldwide Developers Conference immediately **provoked excitement** across the internet from Apple fans who believed they **could now use their iPhones as a digital passport, despite Apple stating otherwise**. Kathy Lin, Apple's Manager of Services Software Engineering, explained, "While not a replacement for your physical passport, Digital ID can be used for domestic travel at supported TSA checkpoints, in apps and in person where age and identity verification are required."





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- The diagram illustrates the structure of an ICAO Document Security Object (DSO) and its components. It shows how various data groups are stored within the DSO and how they are linked to the physical document and biometric data.
- DSO Structure:**
- 72kb ISO-14443 RFID:** The physical storage medium for the DSO.
 - 16 ICAO Data Groups:**
 - DG 1:** Machine Readable Zone
 - DG 2:** Photograph
 - DG 3:** Fingerprint Biometric
 - DG 4:** Iris Biometric
 - DG 16:** Other Data Groups
 - Document Security Object (DSO):**
 - Stored In SDO:**
 - Cryptographic Algorithms
 - Signer Info
 - LDS Security Object
 - Other RFC 3369 Fields
 - Document Signer DSIG
- Data Linkage:**
- The **Machine Readable Zone (DG 1)** is linked to the **Passport Machine Readable Zone (MRZ)** data: `P<USASMITH<<JOHN<JINGLEHEIMER<<<<123456789USA760105M6704115<<<<`.
 - The **Photograph (DG 2)** is linked to the **Passport Photo** image.
 - The **Fingerprint Biometric (DG 3)** is linked to the **Fingerprint** image.
 - The **Iris Biometric (DG 4)** is linked to the **Iris** image.
- Physical Document:**
- The **Passport** is the physical document containing the MRZ, photo, and biometric data.
 - The **DSO** is a digital object stored on the RFID chip, which is linked to the physical document and its biometric data.



Biometric Screening





U.S. Customs and Border Protection



U.S. Customs and
Border Protection



U.S. DEPARTMENT of STATE



Trusted Travelers



GLOBAL ENTRY
TRUSTED TRAVELER NETWORK

Global Entry Benefits

- No processing lines
- No paperwork
- Access to expedited entry
- Available at major U.S. airports
- Reduced wait times

Apply Now!

ePassport





Take-aways

- Security of the physical ePassport and the integrity of our issuance process becomes even more critical, not less
- Look critically at identity proofing and digital identity provisioning back-end processes
- Technology companies are moving quickly to capitalize on digital IDs and digital wallets
- Different uses of digital identity documents can create confusion for citizens and travelers
- Emerging opportunities to enhance seamless travel, but... focus on ICAO specifications to ensure cross-border use and global interoperability

