Acuant Ozone®

<ePassport & eID Chip Authentication>

Mobile | On-Premise | NFC-Based Remote

Process ePassports and eIDs with the Highest Level of Identity Assurance

The introduction of ePassports and eIDs marked a drastic change in how organizations could verify identities. Instead of relying on a physical inspection or a scanned image of an identity document, a contactless chip embedded in an eID is unlocked using specialized readers and software to capture an identity holder's information, verify that the document is genuine, and authenticate the identity – all in just a few seconds and with unprecedented accuracy.

As the use of ePassports and eIDs grows, adapting to the ecosystem that surrounds them has become vital. The landscape is complex, from the bodies that establish standards for ePassports ensuring security and interoperability, to applying this promising technology in a modern, digital economy. The firms that take advantage of these transformative solutions, though, can realize outsized gains in security, cost savings, and customer experience.

A Complete, Modern Solution for ePassports/eIDs

Acuant Ozone is a comprehensive solution to validate ePassports and eIDs with efficiency and accuracy. The solution intelligently processes ePassports and eIDs with a contactless chip by extracting the identity holder's information from the chip, verifying it with the issuer, validating the document's authenticity, and decoding security and privacy mechanisms. Ozone is also well-suited for the evolving world of identity and border control solutions with the ability to generate a Digital Travel Credential (DTC) from the physical document.

With options for in-person, document-present environments and a mobile version that is embeddable in iOS or Android applications, Ozone is highly flexible to meet a range of needs. It's also available with Acuant's solution for identity verification – AssureID™ - to add facial recognition and liveness detection for an additional layer of trust.

Excelling in locations like border crossings where passports are common, Ozone also delivers a higher level of performance and trust to customer onboarding and Know Your Customer (KYC) processes in industries such as banking and financial services.

How it Works

Capture and extract text and image data from ePassports and eIDs with full accuracy using contactless chips and NFC-enabled devices.

Verify data with the document issuer to ensure authenticity and confirm the document was issued by a trusted source and has not been revoked.

Securely unlock the chip using advanced cryptography and rely on anti-cloning measures to validate that the contactless chip and physical document belong to each other.

Combine facial recognition and liveness detection to compare a selfie against the image embedded in the chip for multi-factor authentication in remote transactions.

Comply with standards and specifications established by the International Civil Aviation Organization (ICAO), followed by countries issuing ePassports.

Deploy in mobile or on-premise environments and process a wide range of documents with a global document library that is continuously updated.

Acuant Ozone Enhances the Customer Experience While Minimizing Fraud

INCREASE PROCESSING SPEED

Capturing an identity document image and extracting the information adds extra steps and time. Ozone reads the chip in eIDs instantly for an effortless customer experience.

IMPROVE AUTHENTICATION ACCURACY

Rather than relying on scanned images and OCR results, Ozone captures data directly from the chip and verifies it with the issuer for complete accuracy.

SECURE SENSITIVE INFORMATION

Identity documents contain private and sensitive information and Ozone aptly decodes the security mechanisms in eIDs that ensure this information stays secure.

REDUCE IDENTITY FRAUD

Ozone conducts fraud checks by verifying data with the document issuer and ensures the document was issued and not revoked. Facial recognition checks offer an additional level of trust.

Acuant Ozone Use Cases

Online Account Onboarding	Border Crossing	Employment Verification Checks
Online eCommerce Identification	Travel Identification	AML / KYC / PSD2 Checks

Meet Regulatory Requirements with Award-Winning Ozone

ICAO Compliant Document Security Object (SOD)	Currency & Foreign Transactions
ICAO Compliant Quality Assurance Control	Red Flag Rules (FTC / NCUA)
FATF	Patriot Act & Anti-Terrorism Act
EU Right to Work	KYC, AML, PSD2 & CIP
Bank Secrecy Act	Gramm-Leach-Billey Act