

Acuant Ozone®

ICAO Compliant ePassport Solutions

- › Issuance
- › Quality Control
- › Authentication

Fast, Easy & Secure ePassport Solutions

Award-winning **Acuant Ozone®** provides robust cryptographic security processing needed to support ePassports. Ozone supports ePassport issuance, forensic analysis, and border crossing/inspection processes, as well as every document authentication process from identity verification and employment onboarding to disconnected document/identity validation via a mobile device. Offerings provide the trust framework to meet the security and vetting processes required by government regulations: European Commission, USA, Canada & Global.

Ozone ePassport Authentication

Ozone technology provides the ability to reliably verify the authenticity of electronic travel documents, including ePassports and eID Cards, by authenticating digitally signed documents and verifying the authenticity and authorization of the issuing authority. The solution set incorporates authentication data collection, management, and distribution processes as well as robust, decentralized border control endpoint processing that can be deployed at fixed locations, within automated kiosks, or to mobile devices, and are available for locally installed deployments, through hosted SaaS deployments, or a hybrid combination.

FEATURES

- Fast with 400+ checks in less than 3 seconds
- Easy PKI authentication in a box: everything you need for a complete cryptographic passport authentication system—simply inserting the book & get the result
- Continuous global PKI data retrieved & vets the cryptographic validation data issuers around the world so you always have the latest information
- Cloud based engine performs checks: cryptographic Integrity, passive authentication & certificate revocation & data group cross checks at a speed only limited by network connection
- Optional ability to support legacy passports/books issued without chips or with malfunctioning electronics

Meets Global Regulatory Requirements

- ✓ ICAO Compliant Document Security Object (SOD) Issuance
- ✓ ICAO Compliant Quality Assurance Control
- ✓ 3rd AML
- ✓ FATF
- ✓ EU Right to Work
- ✓ Bank Secrecy Act
- ✓ Currency & Foreign Transactions
- ✓ Red Flag Rules (FTC/NCUA)
- ✓ Patriot Act
- ✓ Anti-Terrorism Act
- ✓ KYC & CIP
- ✓ Gramm-Leach-Bliley Act

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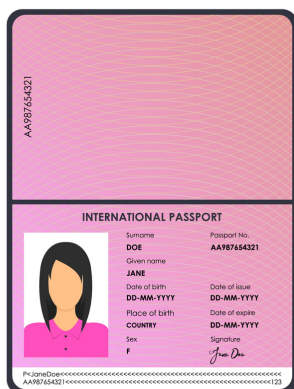
Ozone QA Workbench

The Ozone ePassport Quality Assurance Workbench (QAWB) is a powerful quality assurance/quality control suite of software and hardware that uses advanced analytics and an extensive profile database to forensically examine Machine Readable Travel Documents in real time. The suite is comprised of the Ozone Reader software, the Ozone Analyzer analytics engine, the Ozone Viewer reporting tool, and the data collection and passive authentication processes of the Ozone e-Passport Suite.

Examiners insert an MRTD into the document reader connected to the QA Workbench software. The reader scans the visible information page (VIS) and reads the logical data structure (LDS) stored on the contactless-IC embedded in the document. Ozone Reader, the user interface for the Workbench, displays detailed and concise results about the Document Under Test. If needed, a printable PDF is generated which includes all the information available within the Ozone Reader Application.

FEATURES

- Forensic document examination ensuring ICAO trip compliant issuance
- Supports secondary inspection of suspected fraudulent MRTDS
- Improved real time threat assessment with bit-level forensic reporting & comprehensive, printable PDF reports
- Encoding reference profiles for over 80 states & issuers, including all ICAO PKD members
- Cryptographic reference database with online & offline operating capability
- 178 reporting categories, up to 584 individual compliance checks per document
- MRTD report information: passport holder & document data, data page image capture, cryptographic information evaluation results, physical security features, reader timings for chip, reader data check results, issuer & date specific profile, ASN.1 dump of security object encoding
- PKI component testing: evaluation of Cryptographic Message Syntax (CMS) object, Document Security Object (SOD), Certificates (CSCA, DSC, Link, Communications, Master List Signing, and Deviation List Signing) & CRLs, including path validation for any Trust Chain



Acuant Ozone Use Cases

- ✓ ICAO Compliant ePassport Encoding
- ✓ ePassport Issuance Quality Assurance
- ✓ Border Control & Inspection (Primary/Secondary)
- ✓ PKI Component Testing
- ✓ Forensic Document Encoding Analysis
- ✓ Identity Fraud Prevention
- ✓ Aviation Security
- ✓ Hotels & Resorts
- ✓ Anti-Money Laundering
- ✓ Law Enforcement