



REPUBLIKA HRVATSKA
REPUBLIC OF CROATIA



MINISTARSTVO UNUTARNJIH POSLOVA
REPUBLIKE HRVATSKE

MINISTRY OF INTERIOR
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REPUBLIKA HRVATSKA eOSOBNNA ISKAZNICA - GEN2 v2

REPUBLIC OF CROATIA eIDENTITY CARD - GEN2 v2





akd documents.

AKD is a developer of IT solutions in the field of digital identity and security, advanced traceability systems, as well as service provider to the banking sector and fintech industry. We specialize in the production of national documents and take part in the strategic projects of the government administration in the area of digital transformation.

AKD is a provider of trusted services, including the services of issue of qualified remote certificates as well as certificates on electronic IDs and corporate electronic cards .

eOSOBNA ISKAZNICA Gen2 v2

eIDENTITY CARD - Gen2 v2

eOsobna iskaznica – Generacija 2 verzija 2 izdaje se od 12. svibnja 2025. temeljem Zakona o osobnoj iskaznici (NN 62/15, 42/2020 i 144/2020) i Uredbe (EU) 2019/1157 Europskog parlamenta i Vijeća od 20. lipnja 2019. o jačanju sigurnosti osobnih iskaznica građana Unije i boravišnih isprava koje se izdaju građanima Unije i članovima njihovih obitelji koji ostvaruju pravo na slobodno kretanje.

Glavna novina eOI Genv v2 jest novi čip s dvostrukim komunikacijskim sučeljem (**NXP P71 JCOP4.5**), unutar kojega je smješteno novo programsko rješenje **AKD eID card 2.0**, MRTD putna aplikacija i zdravstvena aplikacija.

AKD eID card 2.0 sadrži SSCD aplikaciju za izradu elektroničkog potpisa na novijoj čip platformi koja implementira moderne kriptografske algoritme i protokole preporučene i evaluirane od strane SOG-IS i ETSI TS 119 31.

Ministarstvo unutarnjih poslova i odnosa u Kraljevini Nizozemskoj zaduženo za unutarnje poslove, sigurnost, upravljanje i teritorijalne odnose i Nizozemska nacionalna agencija za komunikacijsku sigurnost izdali su za AKD eID card 2.0 preko nacionalnog certifikacijskog tijela

The ePersonal Identity Card – Generation 2 version 2 has been issued since May 12, 2025, based on the Personal Identity Card Act (Official Gazette 62/15, 42/2020, and 144/2020) and Regulation (EU) 2019/1157 of the European Parliament and Council of June 20, 2019, on strengthening the security of Union citizens' personal identity cards and residence documents issued to Union citizens and their family members exercising the right of free movement.

The main innovation of the eID card Gen2 v2 is the new chip with dual communication interface (**NXP P71 JCOP4.5**), which contains the new software solution **AKD eID card 2.0**, the MRTD travel application, and the health application. AKD eID card 2.0 includes an SSCD application for creating electronic signatures on a newer chip platform implementing modern cryptographic algorithms and protocols recommended and evaluated by SOG-IS and ETSI TS 119 31.

The Ministry of the Interior and Kingdom Relations of the Netherlands, responsible for internal affairs, security, governance, and territorial relations, and the Dutch National Communications Security Agency have issued the AKD eID card 2.0 a Common Criteria EAL4+ certificate through the national certification

TrustCB Common criteria EAL4+ certifikat, a kojim se potvrđuje sukladnost AKD eID card v.2.0 s profilima zaštite iz serije EN 419211-2:2013, Dio 2, 3, 4, 5 i 6 koji predstavljaju preduvjet za korištenje hrvatske eOI kao sredstva za izradu kvalificiranog elektroničkog potpisa u skladu s eIDAS Uredbom.

Osobna iskaznica sadrži biometrijske podatke - sliku lica i otiske dva prsta, pohranjene u čipu, na isti način kao i kod biometrijske putovnice. Biometrijski podaci zaštićeni su od neovlaštenog pristupa suvremenim kriptografskim mehanizmima sukladno važećim ICAO standardima.

Osobna iskaznica sadrži identifikacijski certifikat (služi za osiguranje elektroničke potvrde identiteta osobe kojoj je izdana osobna iskaznica te autentikaciju u svrhu pristupa elektroničkim uslugama) i kvalificirani elektronički potpisni certifikat (ima istu pravnu snagu kao i vlastoručni potpis). Certifikati su pohranjeni unutar čipa. Osobna iskaznica, kao vjerodajnica visoke razine sigurnosti, nalazi se na Listi prihvaćenih vjerodajnica unutar NIAS sustava (eGrađani). Osobna iskaznica sadrži cijeli niz naprednih

body TrustCB, confirming compliance with protection profiles from the EN 419211-2:2013 series, Parts 2, 3, 4, 5, and 6. This certification is a prerequisite for using the Croatian eID card as a means for creating qualified electronic signatures in accordance with the eIDAS Regulation.

The personal identity card contains biometric data – a facial image and fingerprints of two fingers – stored in the chip, similarly to biometric passports. Biometric data are protected from unauthorized access by modern cryptographic mechanisms in accordance with valid ICAO standards.

The card contains an identification certificate (used to ensure electronic identity confirmation of the cardholder and authentication for access to electronic services) and a qualified electronic signature certificate (which has the same legal force as a handwritten signature). These certificates are stored within the chip. As a high-security credential, the personal identity card is listed among accepted credentials within the NIAS system (eCitizens).

The card includes numerous advanced anti-counterfeiting features, notably an optical

elemenata zaštite od krivotvorenja od kojih vrijedi istaknuti optički varijabilni element (kinegram) za čiju je izradu primijenjena posljednja patentirana ZERO.ZERO Combi tehnologija koja omogućuje parcijalnu metalizaciju visoke rezolucije. Uz cijeli niz novih, suvremenih antikopirnih i mikro elemenata te specijalnih rastera, eOI sadrži i veći broj nevidljivih UV reaktivnih boja. Svi zaštitni elementi sigurnosno su razmješteni na različitim pozicijama unutar velikog broja slojeva kartice na način da je vidljiv svaki pokušaj manipulacije.

variable element (kinegram) produced using the latest patented ZERO.ZERO Combi technology enabling high-resolution partial metallization. Along with many new modern anti-copy and microelements and special rasters, the eID card contains multiple invisible UV-reactive inks. All security elements are strategically placed across multiple card layers to make any manipulation attempts visible.

OSNOVNI ZAŠTITNI ELEMENTI
eOI Gen2 v2

BASIC SECURITY ELEMENTS
eOI Gen2 v2



PREZIME/ SU
SPECI

IME/ NAME
SPECI

H

SPOL
SEX

Ž/ F

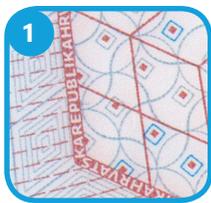
BROJ OSOB

Zaštitni elementi PREDNJA STRANA

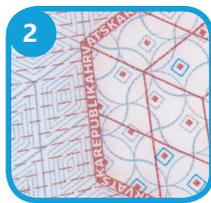
Security features FRONT SIDE

- **Mikrotekst / varijabilni, pozitiv / negativ** // Microtext / variable, positive / negative
- **Guilloche** // Guilloche
- **DOVID® Difraktivni optički varijabilni element** // DOVID® Diffractive optically variable element
- **Taktilni elementi / mat / udubljeni / ispupčeni** // Tactile elements / matted / indented / embossed
- **IRIS tisak** // IRIS print
- **UV tisak, UV IRIS tisak** // UV print, UV IRIS print
- **UV luminiscirajuća boja** // UV luminescent ink
- **Taktilna laserska individualizacija** // Tactile laser marking





Guilloche, mikrotekst
/ Guilloche, microtext



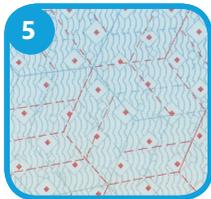
Mikrotekst - negativ
/ Microtext - negative



DOVID®
Difraktivni optički varijabilni element
/ Diffractive optically variable element



Varijabilni mikrotekst - pozitivan
/ Variable microtext - positive



IRIS tisak, zaštitna podloga
/ IRIS print, security background



Taktilni elementi, mat / udubljeni / ispupčeni
/ Tactile elements / matted / indented / embossed



Taktilni elementi, udubljeni / ispupčeni
/ Tactile elements / indented / embossed



Taktilni element graviran laserom
/ Tactile element laser marked



Zaštitni elementi STRAŽNJA STRANA

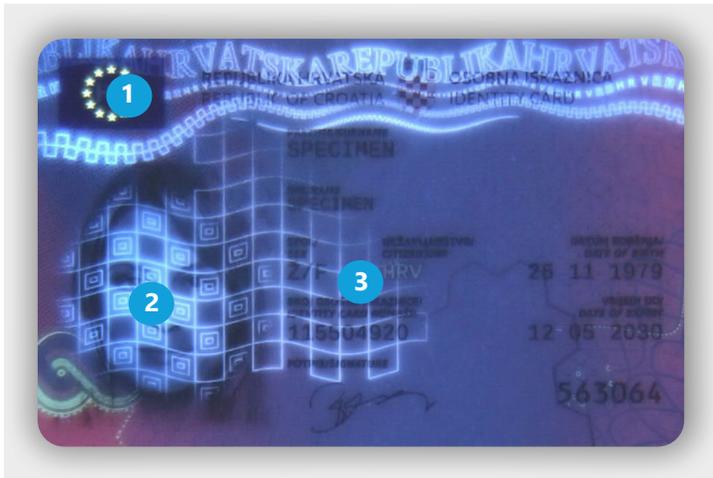
Security features REAR SIDE

- **Mikrotekst / varijabilni, pozitiv / negativ** // Microtext / variable, positive / negative
- **Guilloche** // Guilloche
- **OVI® Optički varijabilna boja** // OVI® Optically variable ink
- **MLI® Dvostruka laserska slika** // Multiple laser image
- **Čip s dvojnim sučeljem** // Dual Interface chip
- **Strojno čitljiva zona** // Machine readable zone
- **IRIS tisak** // IRIS print
- **UV tisak, UV IRIS tisak** // UV print, UV IRIS print
- **UV luminiscirajuća boja** // UV luminescent ink



Zaštitni elementi PRIKAZ eOI pod UV A osvjetljenjem

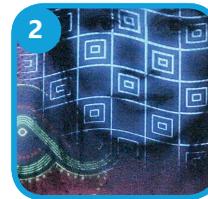
Representation of the eID card under UV-A LIGHT



PREDNJA STRANA // FRONT SIDE



UV IRIS tisak, UV luminiscirajuća boja
/ UV IRIS print, UV luminescent ink



UV tisak
UV luminiscirajuća boja
/ UV print,
UV luminescent ink



Taktilni element graviran laserom reaktivan pod UV svjetlom / UV reactive tactile laser engravement



STRAŽNJA STRANA // REAR SIDE



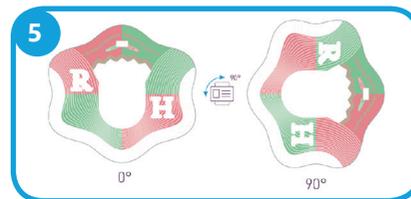
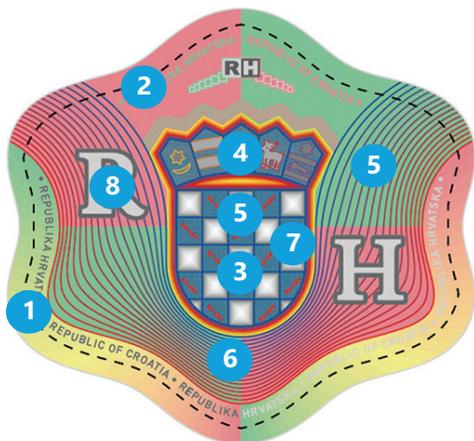
UV tisak
UV luminiscirajuća boja
/ UV print, UV luminescent ink



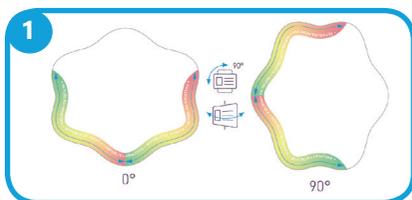
OVI[®]
UV luminiscirajuća boja
/ OVI[®] UV luminescent ink



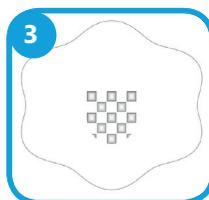
DOVID[®] Difraktivni optički varijabilni element
DOVID[®] Diffractive optically variable element



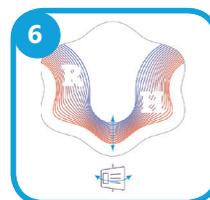
RICS efekt promjene boja
 / RICS Colour shift effect



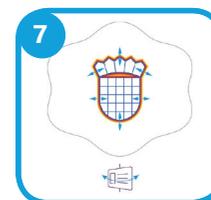
RICS pomični efekt promjene boja
 / RICS colour move effect



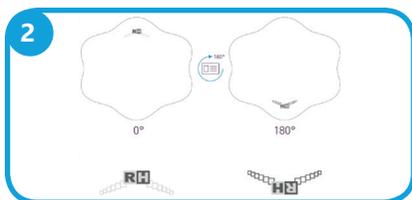
3D reljef efekt
 / 3D relief effect



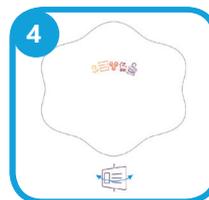
Kinetički efekt promjene boja / Kinetic colour transform effect



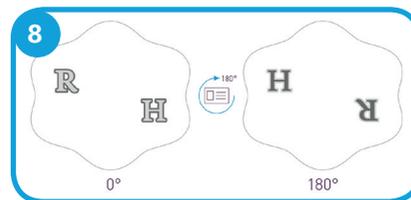
Kinetički pulsirajući efekt / Kinetic pulse effect



Metalizirani difraktivni vodeni znak
 / Metallized diffractive watermark



Efekt izmjene boja
 / Colour shift effect



Difraktivni vodeni znak
 / Diffractive water mark





EU Digitalni Identitet je sada dostupan putem Certilia mobilne aplikacije

Certilia je potpuno, eIDAS sukladno rješenje koje sigurno omogućava identitet i kvalificirani elektronički potpis na mobilnim uređajima. Certilia jednostavno nadograđuje elektroničke funkcionalnosti postojećeg nacionalnog eID-a za upotrebu na mobilnim uređajima. Integracija Certilie otvara neograničene mogućnosti:

- EU LOA visoka razina prijave za nositelje eOI putem mobilnih uređaja
- Potpisivanje dokumenata kvalificiranim elektroničkim potpisom (QES)
- Korištenje Certilia mobile za sigurnu prijavu visoke razine u bilo koju web ili mobilnu aplikaciju
- Primanje zahtjeva za potpisivanje i dijeljenje potpisanih dokumenata
- Upravljanje osobnim podacima i privolama

EU Digital identity is available now via Certilia mobileID application.

Certilia is a complete eIDAS compliant one-stop solution to securely bring identity, and qualified digital signature on user mobile phone. Certilia can easily extend any national eID electronic features for usage on mobile devices. Integrating Certilia can open countless possibilities:

- EU LOA high authentication for eID holder from mobile phone
- Signing documents with Qualified Electronic Signature (QES)
- Use Certilia mobile for secure EU High Level Authentication in any other web or mobile application
- Receive signature requests and share documents with others
- Manage personal data and consents



9:41

Document signing



Well Done!

Your document has been signed successfully.

Document name:
GlobalReportRRT.pdf

Service Provider:

Service Name: Digital Docu

Document ID: 984aedfhr9

Verification: oiaerfg023rm

Tint saved:

Paper saved:

Finish

9:41

Greetings,

Madelyn Jackson

Today



Rent A Car Contract.pdf

06.07.2021.

Yesterday



RGFI Annual Report.pdf

05.07.2021.

Friday



Q1 Report By Mark.pdf

02.07.2021.



Financial Services Invoice.pdf

02.07.2021.



QSBD Approval.pdf

02.07.2021.



Dog Adoption Contract.pdf

02.07.2021.



HOME



PROFILE



MESSAGES



SETTINGS

0:31



Confirm Login

Please confirm your login attempt to
"eCitizen Platform"

Confirm Login

Login



Certilia je budućnost mobilnog digitalnog identiteta. *

Certilia jednostavno proširuje postojeći digitalni nacionalni eID i osigurava sigurniju i zeleniju budućnost za društvo. Kontinuiranim unaprjeđenjem korisničkog iskustva i funkcionalnosti, vjerujemo kako je Certilia rješenje za sve nas. Jedinstveno rješenje i iskustvo korištenja digitalnog identiteta uvijek i svugdje.

Certilia is a future of mobile digital identity in Europe. *

Certilia can easily upgrade any classic eID scheme and create a safer and greener future for society. By continuous upgrades and improvements in the field of UX, security, and functionality, we believe Certilia is the right solution for all of us. It is truly a unique and better experience of having your digital identity right in your pocket.



- * Certilia pruža usluge sigurnosti i povjerenja sukladno EU pravnom okviru
- * Certilia provides trust and security according to EU legal framework.





Interoperabilnost - EU

Osobna iskaznica i prateći IT sustavi su, nakon uspješno provedenog postupka peer review od strane predstavnika drugih država članica EU, uvršteni na popis interoperabilnih sredstava identifikacije visoke razine u EU. Temeljem navedenoga, hrvatski građani koji posjeduju elektroničku osobnu iskaznicu s identifikacijskim certifikatom, mogu pristupati i koristiti eUsluge drugih zemalja članica EU.

Usklađenost

Elektroničke funkcionalnosti i fizičke karakteristike kartice provjerene su i certificirane od strane međunarodnih akreditiranih laboratorija. Kartica kao medij za sigurnu pohranu certifikata je cjelovito rješenje, utemeljeno na digitalno-sigurnosnoj tehnologiji s osiguranom kriptografskom zaštitom, operativnim sustavom, vlastitim appletom (AKD eID Card 2.0), integriranim certificiranim kontaktnim čipom, te uključenim različitim optičkim sigurnosnim značajkama. Ona je kao takav kompozitni proizvod, provjerena od strane ovlaštenog tijela, Ministarstva unutarnjih poslova i odnosa u Kraljevini Nizozemskoj zaduženog za unutarnje poslove, sigurnost, upravljanje i teritorijalne odnose i Nizozemske nacionalne agencije za komunikacijsku sigurnost koji su izdali za AKD eID card 2.0 preko nacionalnog certifikacijskog tijela TrustCB Common criteria EAL4+ certifikat, a kojim se potvrđuje sukladnost AKD eID card v.2.0 s profilima zaštite iz serije EN 419211-2:2013, Dio 2, 3, 4, 5 i 6 koji predstavljaju preduvjet za korištenje hrvatske eOI kao sredstva za izradu kvalificiranog elektroničkog potpisa u skladu s eIDAS Uredbom.



Interoperability – EU

Following a successful peer review by representatives of other EU member states, the personal identity card and associated IT systems have been included on the list of high-level interoperable identification means in the EU. Consequently, Croatian citizens holding an electronic personal identity card with an identification certificate can access and use eServices of other EU member states.

Compliance

The electronic functionalities and physical characteristics of the card have been tested and certified by internationally accredited laboratories. The card, as a secure certificate storage medium, represents a comprehensive solution based on digital security technology with cryptographic protection, an operating system, its own applet (AKD eID Card 2.0), an integrated certified contact chip, and various optical security features. It is a composite product verified by the authorized body of the Ministry of the Interior and Kingdom Relations of the Netherlands and the Dutch National Communications Security Agency, which issued the Common Criteria EAL4+ certificate confirming compliance with the EN 419211-2:2013 protection profiles, a prerequisite for using the Croatian eID card for qualified electronic signatures under the eIDAS Regulation.



COMMON CRITERIA
CERTIFIED
EAL4+