NetSeT Global Solutions

COMPANY PROFILE

Belgrade, 2015
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1. NetSeT Global Solutions Company Profile

*NetSeT* was established in 1999. The main activity has been implementation, system integration and strategic consulting in the area of secure e-Government systems and cryptographic solutions for mission critical information systems.

Technical staff of *NetSeT* consists of 25+ experienced specialists from the fields of Cryptology, IT Security, Smart Cards, Identity management, Biometrics, PKI and Telecommunications. They represent the largest IT security and cryptographic group of specialists in the region.

*NetSeT Global Solutions* is a leading regional solution and service provider in the area of specialized, large scale Smart Card eID/ePassport systems, secure e-Government Registers, high-grade PKI, Biometrics, Mobile Security and Computer Network Security. It is a company specialized in Development, System Integration and Project Management of a high/grade National-level Secure IDentity infrastructure.

Last five years, NetSeT Global Solutions has been listed amongst “Top 50 e-Passport technology suppliers” by ID WORLD magazine.

The main areas of activities:

- Government – Secure National e-Government registers, PKI infrastructure, National eID and ePassport Issuing and Verification, Border Control
- Cyber Security and Data protection
- Secure e-Health Information Systems
- Financial institution - Secure electronic payments,
- Secure Corporate Information Infrastructure

Key technologies:

- Secure 3-tier architectures for mission critical systems
- Model Driven J2EE complex IT systems
- High-grade PKI systems,
- Qualified digital signature technology,
- Symmetrical and Asymmetrical Cryptography, design and implementation
- Digital certificate validation and Identity privilege management,
- Smart card applications and security middleware - proprietary COS and JavaCard,
- Smart Identification Technologies for eID and ePassport
- Secure biometric ID data acquisition and matching
- Complex Life Cycle Identity Management based on secure eIdentity
- Personalization management and multifunctional biometric eID and e-Passport issuing and management system
- Mobile Security systems
- End-to-End Encryption devices
- Bulk Encryption devices for Secure Telecommunication infrastructure
- Integrated logical and physical access control,

**Service range:**

- Consulting in the area of System design of a Secure Electronic Identity Infrastructure
- PKI design and deployment
- Identity Management systems concept and deployment
- National e-Government Registers design and implementation
- Development and system integration of specialized Identification Document management and Personalization systems
- eID/ePass Issuing System and PKI project management and implementation
- IT Security solutions design, implementation and integration
- Mobile Security design and implementation
- Security architecture design for authenticity, integrity, confidentiality and non-repudiation
- Cryptographic protocols design, implementation and training

**Research and Development Results:**

Technical specialists from NetSeT and consultants have published more than 150 scientific papers in domestic and international conferences and journals.

**ISO Certification:**

NetSeT Global Solution has been ISO 27001 certified for its Information Security Management System, implementing the highest international security standards in the secure software development process for mission critical information systems.

In addition, from 2013 NetSet Global Solution has been ISO 9001 certified company for its Quality Management System.
2. References

- Secure Messaging System and PKI Infrastructure, Ministry of Foreign Affairs of the Republic of Serbia, Q4/2015
- New generation of the MoD eID card, applet, middleware and personalization system, Ministry of Defense of the Republic of Serbia, Q2/2015
- E-Passport Readers and Support Services for the Serbian Border Police, Ministry of Interior of the Republic of Serbia, Q1/2015
- Certification Authority and Mobile Security Solutions, Government of the Republic of Serbia, Q4/2014
- New Serbian Citizen eID Applet and Middleware V1.5, The Institute for Manufacturing Banknotes and Coins of the National Bank of Serbia, Q2/2014
- Enrolment, Central and Local eID Issuing System, Secure Civil Biometric Registration System, Country in Middle East (undisclosed), Q1/2014
- Public Servant eID Applet and Middleware, Weapon Certificate applet and Middleware, The Institute for Manufacturing Banknotes and Coins of the National Bank of Serbia, Q1/2014
- National Register of Fines and e-Service Infrastructure for Citizens, IDDEA National ID Agency Bosnia and Herzegovina, Q4/2013
- E-Passport Readers and Fingerprint Scanners for the New Enrolment Network of the Serbian Ministry of Interior, contract with Ministry of Trade and Telecommunications of the Republic of Serbia, European IPA Project, Q4/2013
- Upgrade of the MoI Certification Authority and supporting applications for Issuing e-Passports and ID Documents, Ministry of Interior of the Republic of Serbia, Q4/2013
- New National eService Infrastructure for the Serbian Citizens based on Electronic ID Documents, Ministry of Trade and Telecommunications of the Republic of Serbia, European IPA Project, Q4/2013
- Mobile ePassport Reader with Samsung Galaxy NFC Interface for 3rd generation of ICAO ePassports, NXP Semiconductors, Germany, Q3/2013
- Electronic Vehicle Registration (eVR) Applet and Middleware for the Ministry of Interior of the Republic of Serbia, The Institute for Manufacturing Banknotes and Coins of the National Bank of Serbia, Q2/2013
- Secure middleware for an Official eID Card with contact interface, Customer in Germany (undisclosed), Q2/2013
- Mobile eID/ePassport Reader with PACE functionality (German version), Customer in Germany (undisclosed), Q1/2013
- Central Card Management Infrastructure for Issuing Citizen eID, Customer in Scandinavia, (undisclosed), Q2/2013
- Mobile Security Solutions on Android platform, Customer in Germany (undisclosed), Q4/2012
- German e-Health Card Connector software, Customer in Germany (undisclosed), Q3/2012
- Security solution for mobile police units based on a Secure Micro SD card, Ministry of Interior of the Republic of Serbia, Q3/2012
- New PKI Infrastructure, Key Management and Official Employee eID Issuing System, Ministry of Interior of the Republic of Serbia, Q2/2012
- Secure Citizen eID Card Middleware Suite with PACE German model, Customer in Germany (undisclosed), Q1/2012
- Serbian National Electronic Health Insurance Card Issuing Infrastructure, Serbian National Health Insurance Fund, Q4/2011
- German e-Health Card field supporting applications project, prime contractor Customer in Germany (undisclosed), Q3/2011
- Secure PKI Middleware Suite for the Citizen eID project, Country in the Middle East (undisclosed), Prime contractor Muehlbauer AG, Q2/2011
- Serbian National Electronic Health Insurance Card Middleware and supporting Applications, NXP Semiconductors/AdvanIDE GmbH, Walluf Germany, Q1/2011
- Card Management System and Data Preparation for the new e-Vehicle License and Driving License Issuing System, Contract with National bank of Serbia, The Institute for Manufacturing Banknotes and Coins, prime contractor Muehlbauer AG, Germany, Q4/2010
- Serbian National Electronic Health Insurance Card – eHI Applet and PKI Applet, NXP Semiconductors/AdvanIDE GmbH, Walluf Germany, Q2/2010
- National ICAO ePassport Issuing System Extension: PKI, Data Preparation and Document Signer for the Extended Access Control (EAC) ePassports of the
Republic of Serbia according to the European EAC directive - National bank of Serbia, The Institute for Manufacturing Banknotes and Coins, prime contractor Muehlbauer AG, Germany, Q3/2009

- Public Key Infrastructure and PKI Smart Card Implementation for Official Electronic Identification, IDDEA National ID Agency – Project sponsored by Delegation of the European Commission to Bosnia and Herzegovina, Q2/2009

- Central Secure ID Document Management System (SDMS) for the New National ID Documents of the Republic of Congo, - Prime contractor Muehlbauer AG Germany, Q2/2009


- eGovernment Certification Authority and Secure PKI middleware for Qualified Electronic Signature with National eID – Ministry of Telecommunication and Information Society, Republic of Serbia, Q1/2009


- Secure Biometric ID Document Management System (IDMS) for State Ministry – Inteligens, Venezuela, prime contractor Muehlbauer AG Germany, Q3/2008


- Co-branded PKI Payment Card Issuing System - Diners International Serbia and Serbian Chamber of Commerce, Q2/2008


- Secure Data management and reporting, Mobicom - VIP Mobile operator Macedonia, 2007

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- Pilot Biometric Smart Card Issuing System for Government of Andalusia – Ravenpack Ltd, Malaga, Spain, 2006
- National PKI infrastructure and ID Management System for Macedonian ICAO e-Passport Issuing system, Ministry of Interior, Republic of Macedonia, prime contractor G&D, Germany, 2006
- National Root Certification Authority – Serbian Ministry of Science, 2006
- PKI system for Secure e-Business – Serbian Chamber of Commerce, 2006
- ID Data Preparation and Management, Key Management system for the Citizen eID and ePassport project - Ministry of Internal Affairs of the Republic of Serbia, prime contractor G&D, Germany, 2005
- Smart card Applications, Data Preparation and Security System for the National Biometrical ID documents (ID, Employee eID, DL, VL, WCL, MRTD) of the Serbian Ministry of Internal Affairs, prime contractor G&D, Germany, 2004
- Secure application system for Serbian smart card ID Issuing Network - Ministry of Internal Affairs of the Republic of Serbia, 2004
- PKI system and Software Security Solutions – Ministry of Internal Affairs of the Republic of Serbia, 2004
3. Selected publications


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