

SECARDEO

Company Profile

Company



The SECARDEO GmbH was founded in July 2001 by Dr.-Ing. Gunnar Jacobson. SECARDEO offers consulting services and Solutions for secure E-Business. The office is in the “b9 – Media and Technology Center” in Unterfoehring near Munich.



Mission

SECARDEO considers IT-security as a major enabler for E-Business. We enable your company to do electronic business processes in a secure, trustworthy and efficient way. With our core capabilities in Public Key Infrastructure (PKI), digital signature and identity management we create infrastructures for trusted E-Business.

Services

We advise and support our customers competently during all stages of an IT-security project:

- Design and implementation of digital signature solutions with respect to your specific technical, organizational and legal requirements.
- Design and implementation of PKI-solutions and integration with other applications and company processes.
- Analysis of your identity management processes and user directories. Development of role-concepts and concepts for authorization.
- Evaluation of implementation alternatives (make-or-buy), security services and products.
- Development of prototypes and piloting as a proof-of-concept and preparation for a rollout.
- Implementation and adjustment of serviceable PKI-components according to your needs.
- Security analyses and security concepts as well as development of a security policy.
- Project management and quality assurance.
- Seminars and workshops in the topics PKI and digital signature.

Solutions

We implement cost-effective standard solutions based on Microsoft und Adobe technologies and open source software. We have the appropriate add-ons needed for a seamless integration into your processes and infrastructure:

- Windows 2003 Certificate Services:
SmartCard Registration Authority and certificate templates supporting signature and encryption Keys with key backup/recovery.
- Acrobat PDF Signature:
Verification server for the integration of signed PDF workflows. Signature-field-editor for creation of sign-able documents and forms with MS-Office.
- Directories:
LDAP Proxy Server for secure access to enterprise directories. Public Key Broker for the retrieval of certificates and PGP keys from different directories.

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Reference Projects

Digital Signature

- Integration of signature software with MS Sharepoint for controlling signature workflows for a medical solution provider
- Development of software for automated creation and verification of PDF signatures
- Concept and implementation of an editor for signature fields for controlling and validating signature authorizations in Acrobat PDF workflows for a medical solution provider
- Realization of a server-based signature validation component for PDF-documents and forms to meet the FDA-requirements for a medical solution provider
- Concept for using digital signatures according to the FDA-guidelines, together with a proof-of-concept implementation for a manufacturer of medical devices
- Evaluation of signature products as well as a survey and application recommendation for digital signing of business letters in an industrial corporation
- Process analysis and implementation of a prototype for the use of digital signatures in form based procedures in office- and intranet environments for a manufacturer in the field of traffic engineering
- Requirement and feasibility analysis for the use of digital signatures in accordance with FDA 21 CFR Part 11 for a medical solution provider
- Seminars and workshops

PKI

- Concept, establishment and carrying-out of PKI support for a car manufacturer
- Implementation of a system CA for machine certificates for servers, PCs and Cisco routers for a manufacturer of transportation systems
- Concept and realization of a PKI for business partners based on Windows 2003 Certificate Services, smartcards and Active Directory for a manufacturer of transportation systems
- Market survey Managed Security Services and Managed PKI in Germany for a global IT-security provider
- Evaluation and quality assurance of PKI-Middleware for a car manufacturer
- Project management and piloting of PKI based applications for the development of a corporate PKI with more than 200.000 users for a global industrial corporation
- Seminars and workshops

Identity Management

- Development of an LDAP filter proxy providing a secure access to the corporate directory of a global player from the internet and a solution for accessing external directories from the intranet
- Analysis of existing user-management systems and processes for a manufacturer of transportation systems
- Process and requirement analysis for the use of a meta-directory in a media company
- Seminars and workshops

IT-Security Consulting

- IT-security product and enduser support for a car manufacturer
- Operating manual and rollout preparation for a hard disc encryption tool for a car manufacturer
- Analyzing SSL issues and web operation support for a power supplier
- Security concept and risk analysis of a business partner access based on IPSec VPN for a manufacturer of transportation systems
- Security analysis and security policy for a project-portal for a manufacturer of transportation systems
- Analysis of security requirements for the procurement-portal of an industrial corporation