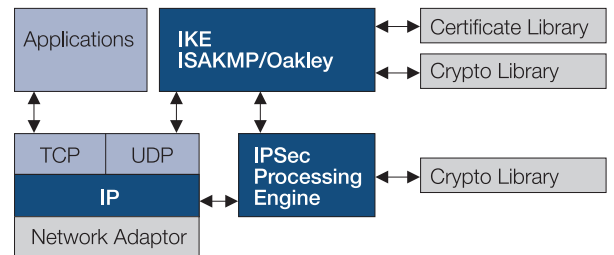




IPSEC STACK – TECHNOLOGY MADE IN GERMANY

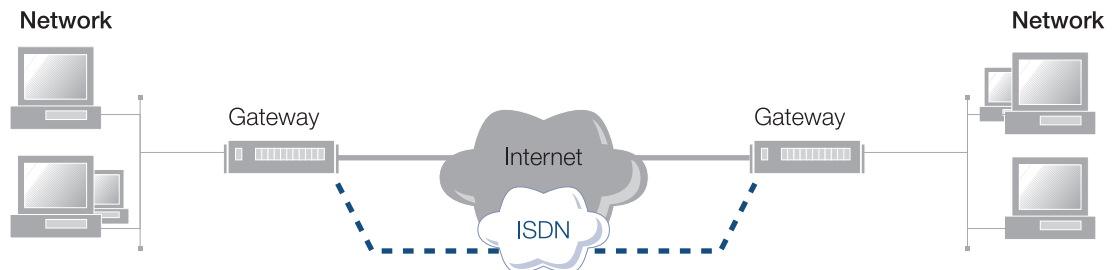
Enimatec offers a fast and cost-sensitive portability, as well as easy integration into requested customer systems.



Enimatec IPsec Stack Features at a glance

- High portability for use with various operating systems
- Easily adaptable and hardware specific integrated code
- Easy to adapt to different hardware platforms
- Extremely fast with only a small footprint
- Complete solution including IKE with Pre-Shared-Key and certificates.

ENIGMATEC DYNAMIC VPN



Exchange of the dynamic IP-addresses via ISDN

Generell information

- Based on IETF-standards
- Easy portability due to ANSI C sourcecode
- 1400 kByte packetsize "footprint"
- variable packetsize possible
- XAUTH
- Config Mode
- Radius

Protocoll support

- ESP, AH and IPcomp
- IKE ISAKMP/Oakley

Encoding

- AES, Blowfish, CAST, 3DES, DES
- SHA-1, MD5
- Perfect Forward Secrecy (PFS) with Diffie-Hellman-groups DH1-DH5

Keymanagement / IKE

- Preshared secrets, X509 certificates and manuel IPsec
- AES, Blowfish, CAST, 3DES and DES
- SHA-1, MD5
- RSA, Diffie-Hellman-groups DH1-DH5

Standard-Compliance IPsec

- IPsec standards RFC 2401 up to RFC 2412
- ISO X.509v3
- RSA PKCS 1/10/7/12
- NIST Digital Signature Standards (DDS) (FIPS PUB 186)
- NIST Data Encryption Standard (DES) (FIPS PUB 46-1)

Enigmatec's patent on dynamic VPN

The dynamic VPN allows you to connect two branche- or home offices without fixed IP-addresses (standard DSL-connection). A parallel ISDN-connection transmits the information containing the IP-address of the counterpart while the connection is online. A wakeup function even allows service without a DSL-flatrate. This procedure received a European patent on the 2nd of April 2004.

By omitting expensive and static addresses the Enigmatec Dynamic VPN offers immense advantages over the costs of DynDNS-services. Additionally it is immune to DoS-attacks.

Further services of Enigmatec GmbH

- Development
- Customized development
- Training
- Installation support

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