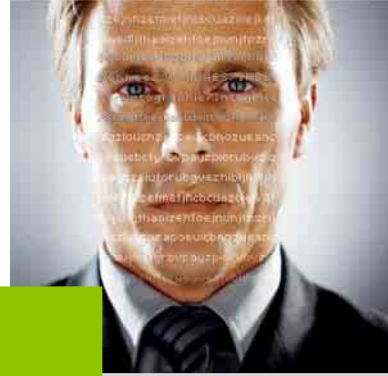


TrustWay® VPN SRA

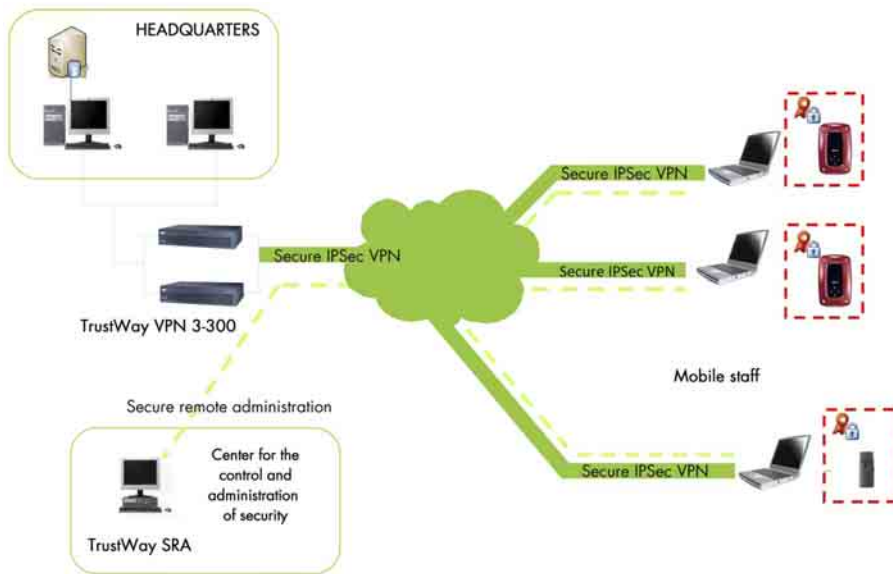
The complete package for securing remote access



TrustWay VPN Secure Remote Access

Security for all your mobile staff: a key issue for organizations in today's increasingly competitive economic climate
With industrial espionage, hacking and the loss or theft of laptops on the rise, ever tougher regulations and checks on hardware at border controls, a growing requirement for mobility generally... it has never been so vital for organizations to protect their information assets and provide workers on the move with effective ways to protect their sensitive data.

TrustWay VPN SRA: the reliable solution for secure remote access
Based on cryptographic technology developed 100% by Bull in France, this packaged offering provides comprehensive protection from the whole spectrum of risks related to mobile working. The offering is built around four configurations designed to cater for every conceivable requirement.



This architecture equips all mobile users' workstations with the TrustWay VPN Client software application, which secures all exchanges and flows with remote workstations. Additional protection for all workstations is provided by TrustWay VPN3, via IPsec tunnels.

Mobile users must authenticate themselves by signing-on with a CIK PIN on a TrustWay cryptographic device: globull or TrustWay PPS.

Remote connections established in this way from a laptop via Wi-Fi, ADSL, RTC, GPRS, 3G etc, benefit automatically from very high levels of security.

PRODUCT SPECIFICATIONS



Package description

Each TrustWay VPN SRA package includes the following:

Security control and administration center

- 22 TrustWay VPN3 encryption devices
- 1 TrustWay SRA server
- 1 Common Criteria EAL4+ certified TrustWay Crypto PCI card
- 1 TDM application, for the administration of the VPN and the cryptographic devices
- 1 SPC application, serving to personalize the VPN
- 1 smart card reader (for systems administrator authentication)
- 4 smart cards

Five mobile cryptographic devices (globull or TrustWay PPS, as required) each of them including

- 1 SOC FPGA cryptographic coprocessor

- 1 storage memory, entirely encrypted on the fly (60 GB hard disk for globull, 2 GB flash drive for TrustWay PPS).

VPN client software

- 5 TrustWay VPN Client licenses

Start-up and implementation support

- Assistance with software installation
- Product training (users and administrators)
- Key ceremony celebration
- 2 awareness -building sessions on preventing industrial espionage and promoting mobile security for users.

Five different packages

SRA1	SRA2	SRA3	SRA4	Option
2 TrustWay VPN 3-100 1 TrustWay SRA Station 5 globulls 5 TrustWay VPN Clients	2 TrustWay VPN 3-300 1 TrustWay SRA Station 5 globulls 5 TrustWay VPN Clients	2 TrustWay VPN 3-100 1 TrustWay SRA Station 5 TrustWay PPS keys 5 TrustWay VPN Clients	2 TrustWay VPN 3-300 1 TrustWay SRA Station 5 TrustWay PPS keys 5 TrustWay VPN Clients	Deployment support

Bull's offering anticipates the full range of mobile users' requirements, and provides the end-to-end security coverage they expect and need

The 'Secure Remote Access' offering is built around five services :

1. A secure mobile strongbox guaranteeing that data is protected locally, and covering the risk of loss, theft, accidental loss or even customs inspections at borders during transport
2. Securing of external communications between the organization and staff members working on assignment, while preserving the confidentiality of exchanges and protecting the enterprise against all intrusions
3. A high level of operational availability of the service, thanks to the redundancy of two VPN devices that form the nerve center of the solution, and which cover the need for service availability and continuity
4. The control and centralised monitoring of a security strategy covered by the TrustWay SRA administration station, enabling managers to meet their responsibilities
5. Deployment support to drive the implementation forward, focusing on user adoption and acceptance of the project.

Technical specifications

TrustWay VPN 3: VPN encryption device



Functionalities

Protection against intrusion into the enterprise network
Encryption of inter-site communications

Protocols

IP (TCP, UDP, ICMP...)
IPSec
VRRP: redundancy

Characteristics

VPN3-100 : 100 Mb/s
VPN3-300 : 300 Mb/s
20,000 users

Algorithms

Encryption: 256-bit AES
Signature: HMAC SHA-1
TrustWay SOC FPGA
Coprocessor

Interface

1 Gb/s Ethernet
1 serial port terminal
1 customisable serial port
1 emergency switch connector
19-inch 2U Rack

Certification

CC EAL2+ Certification and
ANSSI Standard Qualification
(in progress)

globull: Secure cryptographic resource



Functionalities

Secure hard disk, local protection of data
Hardware cryptographic resource
Secure storage of secrets

Characteristics

100 Mb/s in 256-bit AES
Hard disk capacity: 60 GB
USB-2 Port
Standard PKCS#11 interface
CIK-based local authentication technology

Algorithms

Symmetric: 256-bit AES
Signature: HMAC-SHA1
Asymmetric: RSA 2048
Coprocessor: SOC FPGA
TrustWay

Certification

Certification CC EAL4+ and
ANSSI Advanced Qualification
(in progress)

TrustWay PPS USB key: Secure Cryptographic Solution



Functionalities

Secure flash drive
Local protection of data
Hardware cryptographic resource
Secure storage of secrets

Algorithms

Symmetric: 256-bit AES
Signature: HMAC-SHA1
Asymmetric: RSA 2048
Coprocessor: SOC FPGA
TrustWay

Characteristics

30 Mb/s in 256-bit AES
2 GB capacity
USB2 Port
Standard PKCS#11 Interface
CIK-based local authentication technology

Certification

CC EAL4+ Certification and
ANSSI Advanced Qualification
(in progress)

TrustWay SRA: Center for control and administration of security



Functionalities

Administration and personalization of TrustWay devices

Characteristics

1 server
1 TrustWay Crypto PCI solution

Algorithms

Symmetric: 256-bit AES
Signature: MD5, SHA1, SHA2
Asymmetric: RSA 2048, RSA 4096, ECC
Co-processor: TrustWay FPGA
SOC

TrustWay Crypto PCI

Certification
CC EAL4+ Certification and
ANSSI Standard Qualification

Extension option

Possibility of extending the handling capacity of the TrustWay SRA station to accommodate more than 5 TrustWay VPN3 units

VPN Client Software

Windows 2000/XP platform
Authentication on globull or TrustWay PPS
Cryptographic platform: globull or TrustWay PPS

Certification

CC EAL2+ Certified and
ANSSI Standard Qualification
(in progress)

10+ TrustWay VPN SRA

With the TrustWay VPN SRA packaged solution, users benefit from the following advantages:

- 1. Affordable entry-level package.** With this package, you benefit from a cost-effective, powerful solution.
- 2. Scalable solution.** TrustWay VPN3-300 is scalable to upgrade performance as and when new versions become available, and the architecture can be extended as required.
- 3. Certified, top-level security solutions.** TrustWay solutions adhere to a Common Criteria certification procedure, followed by a ANSSI qualification.
- 4. High availability.** Two TrustWay VPN devices are included in order to ensure a high-availability service.
- 5. Support Service.** Start-up training and installation are offered as optional extras.
- 6. Maintenance and support.** The solution benefits from a one-year hardware warranty. Hardware maintenance and software support services (hot-line, direct access to new software versions) are also available.
- 7. Secure support for the transport of data.** The cryptographic resources offered by globull and TrustWay used for encryption and decryption data exchanged also serve to physically transport data in total security.
- 8. Secure administration.** Your Security Manager controls and monitors security via the TDM application integrated in the TrustWay SRA station.
- 9. Experience.** With TrustWay and Bull, you benefit from our long-term experience and commitment to IT security, based in particular on our longstanding relationships with customers in government and security-sensitive industries.
- 10. Exceptional references.** TrustWay is already in service protecting the largest VPN IP network in Europe. Why not let it protect yours?