



mobile X-press VPN features

Integration

- mere client software solution
- middleware: client-/server- architecture
- easy to integrate into established infrastructures
- independent of the communication media (LAN/WLAN, GPRS/EDGE/UMTS/HSDPA, DSL, ISDN, ...)
- direct support of the modem (PCMCIA -cards require a driver installation)
 - PIN/PUK query
 - signal intensity
 - assortment of network operators
- support of embedded notebooks (integrated UMTS-module)

Intelligent connection management

- easy handling
- plain user interface
- constant check for available media
- the most reasonable available medium is chosen automatically during dial up
- enables change of media during active data transmission
- current connection quality is monitored
- adjustable timeout (per connection)
- fully automated configuration of the connection for data transmission (short hold mode)

Safety

Authentication of mobile X-press client

- RADIUS / RSA ACE
- LDAP
- active directory / NT domain
- local identity management

Session management (security context)

- automatic re-login in cases of connection aborts
- validity of sessions can be configured
- useable for 3rd party VPN servers due to the intelligent RADIUS proxy

Application firewall

- server-side application firewall is definable according to user groups
- applications can be permitted/locked for user groups
- time frame for accessing the application can be defined freely
- applications can be permitted/locked in relation to communication media
- numerous statistics: access, data volume ...

Codification

- selectable algorithms: AES, IDEA, DES/3DES, Blowfish
- gateway, which allows the integration of individual codification algorithms

VPN activation for the following producers (extendable)

- desktop
 - Cisco, NCP, Checkpoint, Microsoft, F-Secure, SafeNet
- pocket PC
 - NCP, Microsoft, Antha, Movian

Crash recovery

- safes data in cases of connection aborts
- enables change of media during active data transmission
- applications remain unimpaired

Improvement of TCP communication at narrowband connections

- reduces package and data volumes
- accelerates TCP applications up to a tenfold
 - intranet applications
 - individual developments
 - SAP GUI
 - data base applications
 - terminal emulation

Remote update management (over-the-air)

- server based updates of mobile X-press clients
 - configuration
 - software
 - logging and screenshots can be requested from the client