

## Next Generation Network Access Technology

## Universal, centrally manageable IPsec client software for Windows Mobile

- ▶ **Secure mobile computing**
- ▶ **Integrated, dynamic personal firewall**
- ▶ **Worldwide dial-in to the corporate network**
- ▶ **Compatible with VPN gateways from different manufacturers**
- ▶ **Strong authentication with certificates**
- ▶ **End-to-end security even at hotspots**
- ▶ **Central management**

## Universality

The NCP Secure Enterprise Windows Mobile Client is a component of the holistic NCP Secure Enterprise Solution. The communication software is used for universal teleworking in any remote access VPN environment. Highly secure data connections, also to VPN gateways from all well-known suppliers, can be established using IPsec standards. The data is transferred over any public wireless network, the Internet, as well as wireless networks such as wireless LANs within his corporate environment and at hotspots. For example mobile teleworkers around the world can access central data repositories and applications via Pocket PCs, handhelds, or Tablet PCs. Another interesting area of implementation is mobile data acquisition, for example using PDAs with integrated barcode reader in warehouses and data transfer via WLAN into the central materials management system.

## Security

Universal implementation possibilities require comprehensive security mechanisms for defense against attacks in any remote access environment, (even at hotspots) during the logon and logoff process. In addition to VPN tunneling the most important integrated components are: data encryption, a dynamic personal firewall, support of OTP (One-Time Password tokens) and certificates in a PKI (Public Key Infrastructure). Policies for ports, IP addresses and segments, as well as applications can be defined via the Personal Firewall. An



additional security criterion is "Friendly Net Detection" (location awareness) i.e. automatic detection of secure and non-secure networks. The appropriate firewall rules are activated or deactivated depending on whether a friendly net is detected. All configurations can be entered centrally by the administrator and set so that they cannot be changed by the user. Central management mechanisms (see below) enable automatic transfer of all configuration parameters to the Client. The NCP Dialer also offers protection against cost-intensive outside dialers.

## Convenience

"Easy-to-use" – simple installation and operation of the client software. Convenience is ensured by the integrated configuration wizard for the configuration PC and an intuitive graphic user interface on the mobile end device. Interruptions of a wireless connection while transferring data e.g. wireless failures, or when changing access points in the WLAN, have no effect on these transparent work methods.

## Central management\*

NCP Secure Enterprise Management Software offers all functionalities and automation mechanisms for commissioning and operating remote access VPNs from a central point (Single-Point-of-Administration).

\*) optional

