

### CT Secure Smartphone – Making smartphone security easy

**Along with increased mobility comes new security threats; public wireless networks are exposed to security breach and corporate networks are at risk for unauthorized access. The exploding use of smartphones and other portable devices has re-focused security and compliance enforcement away from just protecting the data center to include also client device protection.**

With a mobile workforce using laptops, PDA's and smartphones, device and security management becomes difficult. How do you make sure that security software, such as a personal firewall and virus protection, are installed and up-to-date on every device? And how do you protect your company from unauthorized access?

Wireless vendors are rolling out PDAs and smartphones for corporate users, but many enterprises say they won't invest in this technology until the security can be guaranteed. It has become a real bottom-line requirement to fully protect mobile devices and the data they communicate.

#### Secure access for business executives

CT Secure Smartphone is a software based VPN solution, especially developed to protect the increasingly popular smartphone segment and provide secure wireless access to the corporate network. CT Secure Smartphone enables secure access to all resources inside the corporate network e.g. access internal files and ERP systems, use email, calendars and other important applications. This helps boost productivity without compromising the company's security standards. CT Secure Smartphone helps mobile workers such as business executives, field sales teams, service technicians and all other field workers to stay connected when they are on the move.

Adding security to smartphones without affecting usability is challenging. The small footprint and features such as data compression make CT Secure Connect an excellent choice for mobile terminals with limited capacity, memory space and processing power. Seamless roaming and session resume are other features that guarantee a good user experience also over low speed networks or if the signal is lost.

Columbitech offers the VPN client directly to enterprises and to service providers that want to OEM the product. The product includes a white label GUI to support customized branding.

#### Secure corporate network access from anywhere

An authenticated and encrypted tunnel is established between the smartphone and the VPN server when the user connects



**EMPOWER WIRELESS.** CT Secure Smartphone protects the increasingly popular smartphones and provides secure access to the corporate network.

to the network. The server is responsible for terminating the encrypted VPN tunnel as well as handling compression, user authentication and session management.

#### Version control and quarantine

CT Secure Smartphone helps the IT department to manage all mobile devices and make sure they follow the enterprise's security policies. This means making sure that they have a firewall, sufficient virus protection and follow any other security requirements there may be, e.g. encryption of locally stored information, where the Windows Mobile smartphones would

# CT SECURE SMARTPHONE

## PRODUCT OVERVIEW

typically use Microsoft in-built functionality. Wireless clients that don't meet the requirements can be quarantined before they are granted access to the corporate network.

The Columbitech client also incorporates a firewall that can prohibit all IP traffic to/from the terminal that is not transmitted across the VPN connection. This protects every network interface on the device, by applying IP filters that only accept properly encrypted data that has been sent through the VPN tunnel.

### Data compression for better speed

CT Secure Smartphone uses effective traffic compression, which provides good performance also over low bandwidth wireless networks, such as GPRS, CDMA and GSM. Transport optimization adapts messages for networks with different characteristics, and the use of advanced adaptive data compression at the session level dramatically improves the perceived bandwidth.

The session resume function automatically re-logs on to the network if the communication link is interrupted due to poor coverage, interference or if the device has been in sleep mode. The VPN client also comes with a data recovery mechanism that picks up any interrupted file transfers.

### Support for any wireless device

CT Secure Smartphone supports smartphones running on any Windows Mobile 5.0/6.0 and Symbian 9.1. Columbitech can also offer a VPN solution for other wireless devices such as laptops, mobile computers, printers etc.

### Fast deployment

Columbitech has many years experience from large roll-outs of mobile VPN solutions. After years of selling the mobile VPN solution to retail and transport & logistics business, Columbitech understands the specific challenges and requirements of mobile solution. The CT Secure Smartphone is scalable and since it is all software based it is easy to maintain.

CT Secure Smartphone can be seamlessly integrated with any application, e.g. email, CRM or ERP applications. This way the VPN functionality becomes transparent to the end user, providing full security without compromising on usability.



**SECURE ACCESS.** CT Secure Smartphone provides business executives, field sales, service technicians and other mobile workers secure wireless access to corporate Intranet, e-mail and other tools and applications.



**COLUMBITECH**

Columbitech, a leading mobile VPN security software provider, offers end-to-end security, convenient always-on connectivity, and optimized performance for any mobile device and wireless network. With a strong footprint in the retail and the service provider industry, key customers include three of top ten US retailers and several major European service providers. The embedded solution is OEM licensed by leading companies, including Motorola, Toshiba TEC, Hewlett Packard and Ericsson. Columbitech solution holds a FIPS 140-2 certification. The company is privately held with offices in Stockholm, Sweden, and New York, USA.

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