

The installation, commissioning and maintenance of most on-street equipment requires operators to gain access to the equipment locally. This is usually through the use of PCs or handset tools and involves opening equipment cabinets, which can expose internal components to the elements as well as creating potential risks for engineers and members of the public. Using Siecom, these risks are significantly reduced by enabling users to communicate with equipment up to a distance of 100 metres without the need to open cabinet doors.

Feature rich tool set

Siecom offers users a wide range of enhanced equipment access functionality, using both PC and PDA platforms. As well as a standard handset interface, the tool set includes user definable 'quick keys', for easy activation of standard commands, and a sophisticated scripting feature. Scripts that enable a whole sequence of commands and actions to be automated can be easily produced, with the results being automatically captured. This significantly eases routine tasks such as PI timing checks.

Communication with many different equipment types is supported, with default settings for each being stored within Siecom, so that users do not need to manually set up the communications channel for each device when they visit site. Full file handling and synchronisation features are provided, allowing data that has been gathered on-site to be easily transferred to other Siecom units or alternative data storage facilities for subsequent processing.

Easy to use interface

On both the PC and PDA platforms, a simple Windows-style interface provides clear menus and easy access to frequently used features. On the PDA platform both landscape and portrait screen formats can be supported, making best use of the display area depending on the task being undertaken.

Highly secure wireless communications

Using Bluetooth technology, Siecom offers secure remote communication. As well as retaining all normal security safeguards, such as the handset access levels that are built into most on-street equipment, Siecom uses an eight digit access code to establish communications. The codes for sites equipped with the Siecom wireless module may be programmed into the terminal and are invoked automatically when the user wishes to access a specific site.



- Enhanced safety when accessing equipment on-street
- PC and PDA platform options
- Cabinet mounted and plug-in wireless modules
- Up to 100 metre range
- Powerful terminal features
- Capacity to automate many handset operations

Siecom wireless communication terminal

Traffic Solutions

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To further enhance the system's security, all Siecom modules are configured to be non-discoverable, which means that they cannot be located by normal users of other Bluetooth enabled equipment.

Cabinet mounted antenna

To offer the greatest possible flexibility, wireless antennas can be supplied in two colours, black and grey. These external antennas allow access to equipment, even when the cabinet door is closed and enable users to gain access to the equipment from the security of their vehicles, allowing work to be undertaken in poor weather conditions.

To further enhance the benefits offered by Siecom, it may also be used in conjunction with third party communication programs, for example MOVACOM, allowing wireless communication with MOVA units in the same way as other equipment that only requires a simple handset.

Technical specification

Terminal equipment

- Bluetooth enabled PC or PDA - Working range depends on equipment type

Operating systems

- PC: Windows XP, and Windows 2000 (cabled connection only)
- Compatible PDA: Windows Mobile™ 2003 - 2nd edition

Equipment mounted wireless module

- Cabinet mounted module providing up to 100 metres range - plugs directly into, and is powered from, a TR2210 compliant handset port

Terminal software

Available for PC and PDA platforms, supporting a minimum of:

- 30 different equipment types
- 40 user programmable quick keys for each equipment type
- 50 separate script files
- 250 uploaded data files
- 500 site definitions



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