

# Application Note

## Security

The Model 6000 Subscriber Terminal by L-3 Communications is a GSM/GPRS compatible subscriber terminal providing fixed wireless access for customers using standard GSM/GPRS mobile cellular networks. Suitable for a multitude of applications, the subscriber terminal allows the wireless service provider to maximize network utilization, minimize installation and maintenance times and increase subscriber penetration and revenues by supporting a full range of communications needs.



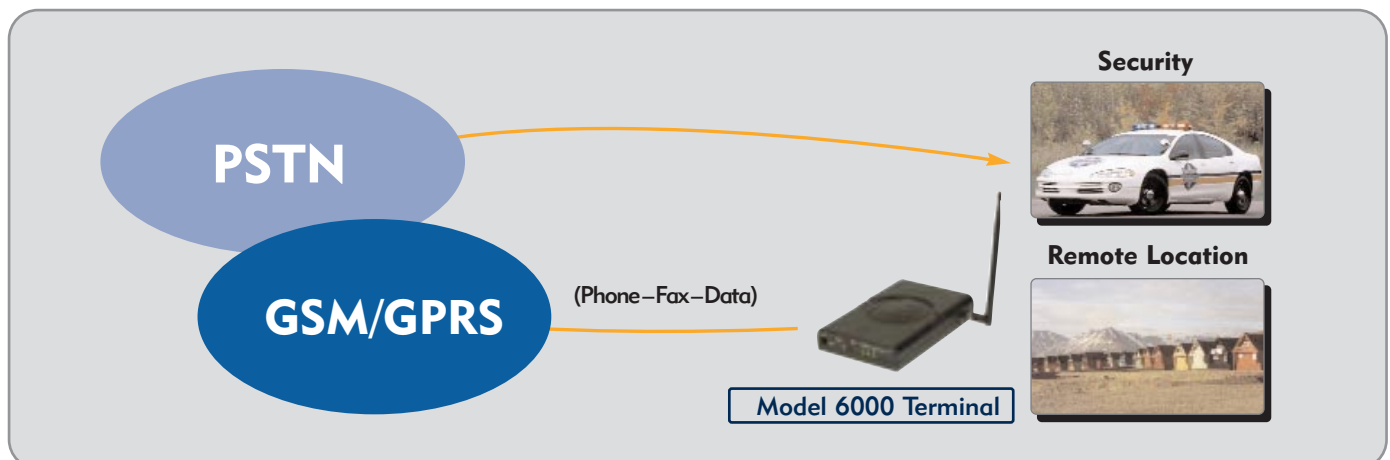
Model 6000 Subscriber Terminal

## Security

In addition to providing standard voice and fax services, the inherently secure Model 6000 subscriber terminal is the ideal solution to improve the security of remote locations. Security experts are generally agreed that fast, secure and tamper-proof communications are a primary requirement in the prevention of crime.

The Model 6000 is well-suited to providing dependable communications in outlying areas where wireline telephone services are either unavailable, unreliable or susceptible to disruptions or vandalism. Because the system operates through the standard GSM digital network it does not use copper cables or wires, and therefore offers a high degree of voice and data security. Additionally, the high level of security embedded in the design of the Model 6000 and GSM networks in general prevents unintentional transmission or "eavesdropping" of data or voice traffic to outside parties.

The subscriber terminal and power supply can be desk- or wall-mounted in a secure location. Back-up batteries are provided for use in areas where power supply is unreliable or subject to disruption. In addition, a small Uninterrupted Power Supply (UPS) may be considered. The Model 6000 has a built-in antenna, however, where cellular coverage is poor, an external directional antenna can be installed to ensure reliable signal transmission and reception at all times. The Model 6000 is equipped with an RS232 port which can be connected to external security or alarm systems to relay data to the police or emergency personnel.



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