

Application Note

Least Cost Routing

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.



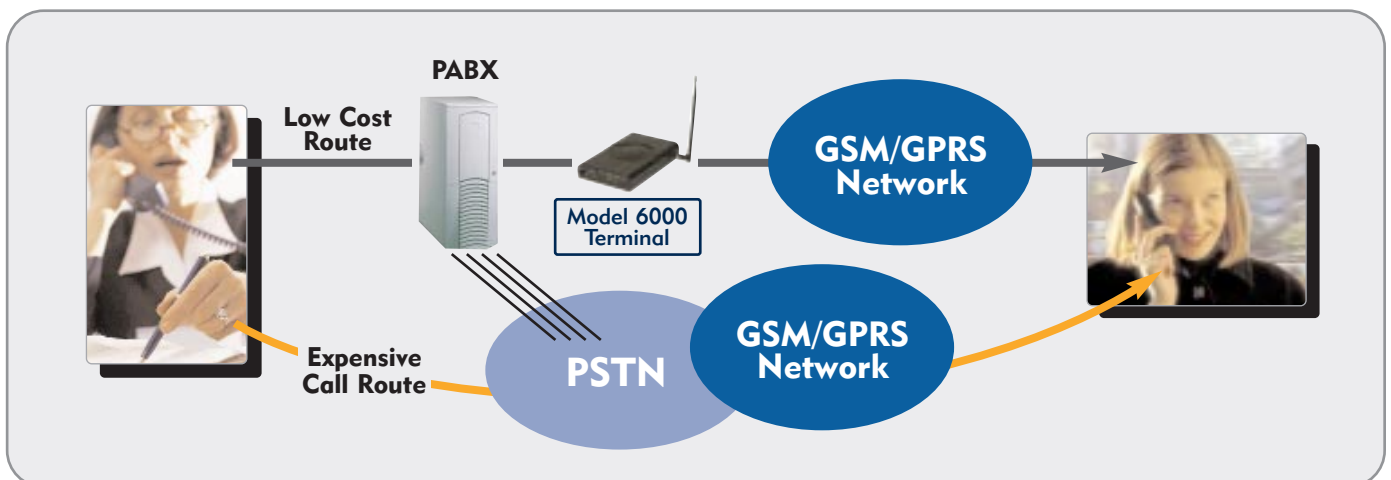
Model 6000 Subscriber Terminal

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The Model 6000 subscriber terminal allows business owners to dramatically reduce the costs of calls made from office extensions to mobile phone users. Businesses can use the Model 6000 terminal to automatically divert calls made to any standard GSM network away from fixed lines and the high costs associated with them. Reduce or avoid long distance charges and local connection fees with the Model 6000 subscriber terminal.

Installation of the Model 6000 allows calls made to mobile phones to be routed directly over the mobile phone networks. Each dialed number is analyzed by the PABX and when a mobile phone number is recognized, the call is diverted away from the fixed line and to the Model 6000 terminal equipped with the appropriate GSM/GPRS SIM card, effectively creating an "on-net" call. Calls made "on-net" can result in significant cost savings that are frequently less than half the cost of making calls via the fixed line operator.

Typically, this solution is ideal for businesses making more than 15 minutes of calls each weekday to mobile numbers. In this typical scenario, the cost of the Model 6000 terminal will be paid back in weeks and further call savings can then be directly applied to the bottom line.



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