



EUROPOLITAN

PRESS RELEASE - Karlskrona 3 September 1999

**World first for Europolitan**

**Increasing net speed to  
43.2 kilobits per second**

**Europolitan is the first mobile operator in the world to offer mobile data traffic at a speed of 43.2 kbit/s (kilobits per second).**

**“This speed is directly comparable to the fixed network,” says Mikael Kluge, Marketing Director at Europolitan. “An on-line connection over the GSM network gives you much greater freedom than a fixed connection. It basically means that you can carry your office around in your pocket.”**

The new service will be part of Europolitan's new subscription structure. It makes transmission possible at both 14.4 kbit/s and 43.2 kbit/s, depending on the speed supported by the mobile telephone used. There are already a number of telephone models that support 14.4 kbit/s, although telephones supporting 43.2 kbit/s are not expected to be available until later this autumn.

This higher transmission speed allows the development of new, advanced wireless services on the network, and it is a prerequisite for many future data services. It also accelerates services such as Europolitan's data service, LAN direkt (mobile access to a company's local data networks), and the europolitan@internet Internet service.

“The GSM network’s low transmission speed has been a bottleneck in using mobile data services. Now, Europolitan’s new service will allow you to surf or send e-mails via a mobile telephone almost as fast as via a fixed connection,” says Mikael Kluge, Marketing Director at Europolitan.

A combination of three technologies has been used to achieve high speed. Firstly, a new type of channel coding enables users to utilise a greater part of each time slot that the information is sent in for data transmission. Secondly, a new compression algorithm, V42bis, accelerates the speed, and thirdly, the HSCSD (High Speed Circuit Switched Data) standard makes it possible to use several time slots for data transmission, instead of a single one.

*Europolitan AB is a Swedish GSM operator prioritising service and quality. The company has its head office in Karlskrona and is at the cutting edge of the development of high-tech services for GSM 900/1800. The Europolitan Group, which includes the sister company Europolitan Stores AB and the stock-market listed parent company Europolitan Holdings AB, currently employs around 800 people. For more information please visit [www.europolitan.se](http://www.europolitan.se)*

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