The Siemens UMTS solution

UMTS is the mobile communication network of the future. It allows users to send and receive a wide range of data at high speeds. These high transmission rates, up to 2 Mbit/s, enable a completely new dimension of mobile applications. Siemens' GSM and GPRS product experience with more than 130 operators world-wide has been harnessed into the development of our next generation UMTS products.

Siemens delivers both UMTS hardware and revenue-generating applications.

The market success of UMTS depends on the availability of appropriate applications. Choosing Siemens as your supplier for UMTS will guarantee the availability of both infrastructure and revenue-generating Service applications (e.g. Prepaid, Location Based Services) from day one.

A wide range of switching and radio products are integral parts of the Siemens UMTS portfolio right from the beginning.

Based on our leading and innovative switching technology, we can provide carrier-class switching for UMTS. In partnership with NEC, we developed a UMTS radio solution (FDD and TDD) that will be the first on the market. One of the main advantages of the Siemens UMTS core solution is the synergy between existing Siemens products in the GSM and GPRS area, which will immediately generate substantial cost savings in infrastructure investment, operation costs and logistics.

Siemens is one of the key suppliers of mobile terminals.

We develop and market UMTS terminals and are providing UMTS terminals even during the UMTS pilot phase.

Siemens provides world-class products, solutions and expertise in all areas related to third generation mobile networks.

We bring integrated solutions that go beyond the scope of a pure UMTS infrastructure. We offer carrier-class turnkey solutions including carrier-class IP solutions as well as ATM backbone technology.

Multimedia communication over IP

End-to-end multimedia communication over IP (3GPP Rel. 5) will also be available very early, to ensure that operators can offer enhanced multimedia services to their customers which will generate new revenues.