
TESYS

The TESYS equipment became one of the major milestones in Telefónica's history, due to the design and development of an innovative system for packet-based data switching, a technology that would eventually prevail with the arrival of the Internet.

In 1978, the Red Especial de Transmisión de Datos (RETD), created by Telefónica, was already running, providing service to corporations and companies. Demand was growing and, to meet it, Telefónica promoted the development of a specific equipment for network data transmission. As a result, Telefónica became the global leader in public packet switching.

To this end, a group of engineers was formed, who travelled to the United States and came into contact with the developers of the still unknown ARPANET (a computer network created by the U.S. Department of Defense, which laid the foundations for the Internet). There, they noticed the packet switching technology, where information is distributed in small fragments, allowing it to travel faster through a network of computers. This inspired the development of TESYS, which would then become one of the great technological projects undertaken by the Spanish industry in the 20th century.