A worldwide network of partners, just a few examples.

1983 **Bull and Brazilian partner form ABC Bull Telematic to manufacture the Bull DPS7 under license in Brazil.**

1984 **License agreement between Bull and NEC covering DPS90 mainframes.**

1984 **Creation of the Standard Promotion and Application Group, SPAG, a European organization set up to define standards for networking in a multi-vendor environment.**

1984 **Bull, ICL, Nixdorf, Olivetti and Siemens form the X/Open group to define a common application environment based on international or de facto standards.**

1984 **Bull, ICL, and Siemens create the European Computer Industry Research Center, ECRC, in Munich to work on artificial intelligence.**

1984 **Bull enters the European Esprit information technology program.**

1985 **Bull participates in the European Eureka advanced technology program.**

1986 **Creation of SIAB, a banking machine company and an affiliate of Bull and Olivetti.**

1987 **Bull, Honeywell and NEC create a joint company in the United States called Honeywell Bull Inc. to take over the business of HIS.**

1988 **Creation of the Open Software Foundation, OSF, to define a standard application environment under UNIX ® and approved by X/Open.**

1989 **Agreement between Bull and MIPS Computer Systems for the top-end Bull DPX open systems with RISC technology.**

1991 **Creation of BSGL, Bull Stéria conseil en Génie Logiciel, a joint stock subsidiary of Bull and Stéria, a software engineering and services company.**

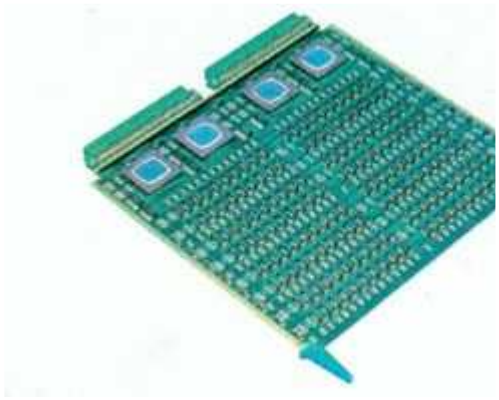
1991 **France Telecom chooses Bull's Distributed Computing Model for its new open and distributed information system.**

1991 **Bull, Olivetti and Siemens combine to offer the EEC a trans-European information systems project for the puplic sector (health, environment, education, etc.) under the European Nervous System program.**

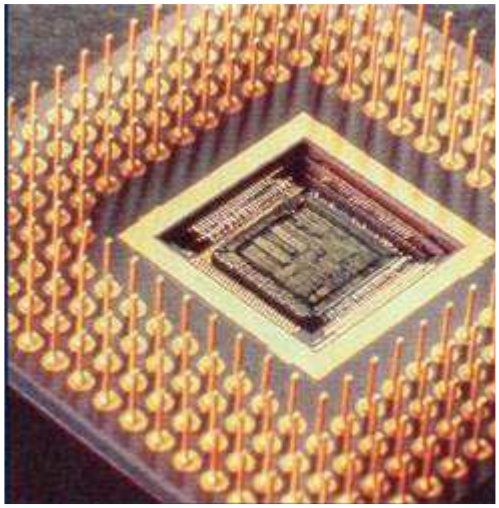
From 1983. Stepping onto the world stage.

In 1982, Francis Lorentz, Chief Executive Officer and Jacques Stern, Chairman and Chief Executive Officer, took the helm at Bull.

1987. A Bull DPS 9000 circuit board with VLSI circuitry.



1987. VLSI package for the Bull DPS 7000 “Ares“.



Zenith Data Systems microcomputers are assembled in St. Joseph, Michigan and since 1990 in Villeneuve d'Ascq, France.

Computer-aided design of VLSI circuits for the Bull DPS 7000. The methodology of developing hardware and software is, with software engineering, multimedia information processing, distributed applications and artificial intelligence, on of Bull's major avenues of research and specialization for the 1990s.

The School of the Future, built in 1989 in the Aube departement, France, gives its pupils a grounding in data processing and foreign languages on Bull microcomputers.

In under 10 years, Bull has achieved worldwide proportions. In 1991, it has a presence in almost 100 countries and its core business was spread equally between France, United States and the rest of the world.