



Information Technology

DARPA's role in fueling the information revolution has been pervasive and enduring resulting in many innovations that have become the mainstay of today's IT environment. A partial list of these includes:

- Timesharing
- Programming languages
- Operating systems
- Virtual and reprogrammable memory
- Computer security systems
- Artificial Intelligence
- Scalable parallel computer architectures
- Industry standard graphic user interfaces
- New computer interconnect systems
- High-performance disk storage systems
- High-performance communications networks



Deep Blue Computer Chess Program



Block-Oriented Random Access Memory (BORAM)



C.MMP Multiprocessor System



Very High Speed Integrated Circuit (VHSIC)



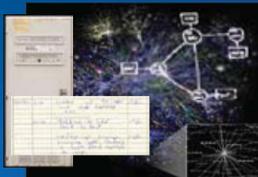
First Computer Mouse



UNIX Operating System

- Computers that understand human speech
- Vision systems
- Scalable parallel computer architectures
- Industry standard graphic user interfaces
- Processor architectures
- New computer interconnect systems
- High-performance communications networks

Open Systems Architectures and Networking Systems: DARPA's development of the TCP/IP network protocol architecture and packet switching led directly to the development of the Internet.



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