

INFORMATION TECHNOLOGY HISTORY TIMELINE

3000 BC - 1450 AD

The Pre-Mechanical Age

- Development of writing and alphabets (Sumerian cuneiform)
- Invention of paper (Papyrus) and pens
- First numbering systems and the Abacus

1450 - 1840

The Mechanical Age

- Gutenberg's Printing Press (1450)
- Pascaline: First mechanical calculator (1642)
- Babbage's Difference Engine and Analytical Engine concepts

1840 - 1940

The Electromechanical Age

- Development of the Telegraph (Samuel Morse)
- Invention of the Telephone (Alexander Graham Bell)
- Hollerith's Tabulating Machine (1890 Census)

1940 - 1970

The Electronic Age (Early)

- ENIAC: First high-speed digital computer (1946)
- Invention of the Transistor (1947)
- Introduction of High-level languages (FORTRAN, COBOL)

1970 - 2000

Microprocessor & Internet Era

- Intel 4004: The first microprocessor (1971)
- Rise of Personal Computers (Apple II, IBM PC)

- The World Wide Web becomes public (1991)

2000 - Present

The Modern Digital Era

- Cloud Computing and Big Data
- Mobile Revolution (Smartphone dominance)
- Artificial Intelligence and Quantum Computing