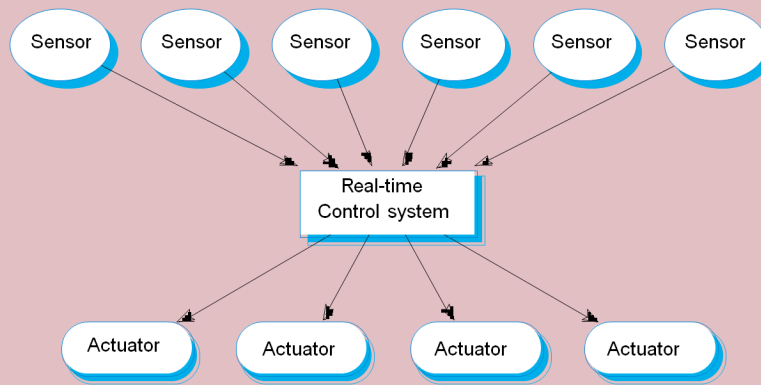


Real time systems play fundamental part in our lives. They are developed for commercial, industrial and military use.

When a computer processes data in real time, it reads and handles data as it is received, producing results without delay.

A real-time system model

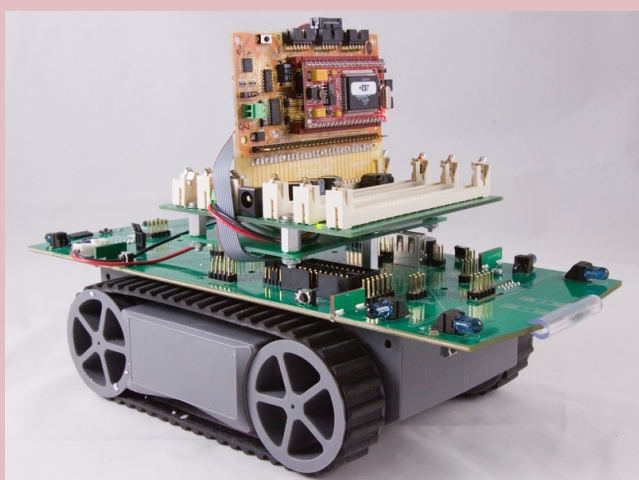
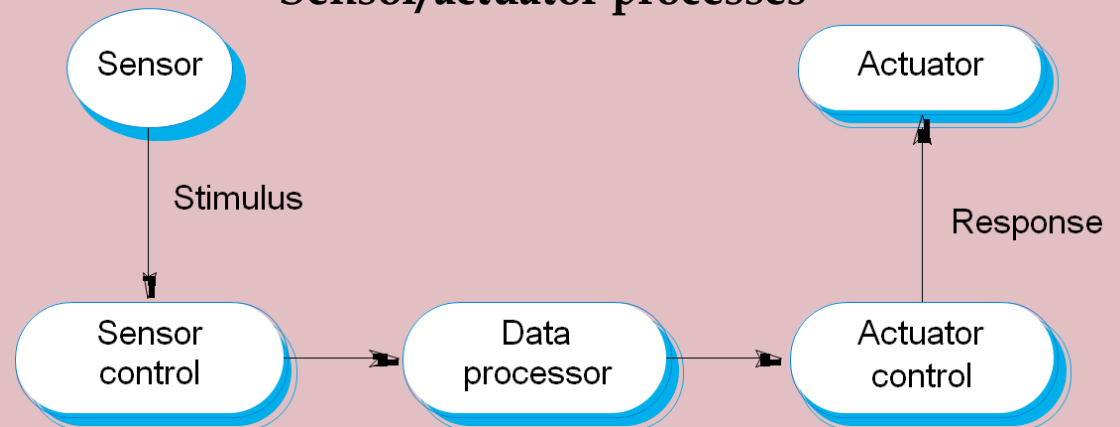


Real Time software can operate on a standard workstation or in an embedded computer.



The Boeing 777 contains hundreds of CPUs. A typical modern car has more than 40 CPUs. Each modern medical device contains software.

Sensor/actuator processes



Many video games also function in real time.

