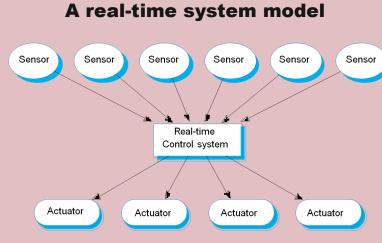


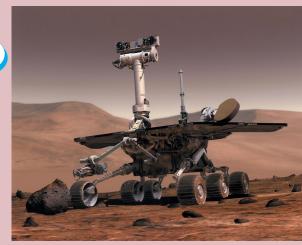




Real time systems play fundamental part in our lives. They are developed for commercial, industrial and military use.

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





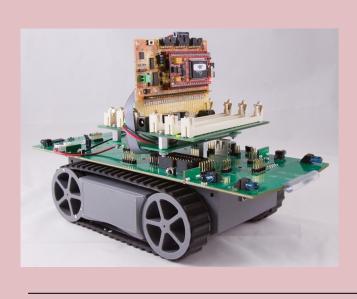


Real Time software can operate on a standard workstation or in an embedded computer.

Sensor



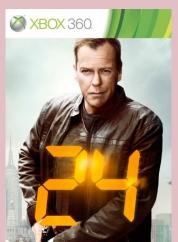
The Boeing 777 contains hundreds of CPUs. A typical modern car has more than 40 CPUs. Each modern medical device contains software.



Sensor control Data processor Actuator control

Sensor/actuator processes

Many video games also function in real time.



Actuator

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