

GROUP 5

PREPARED BY:

FELICIA CHIN HUI FEN

PHANG CHENG YI

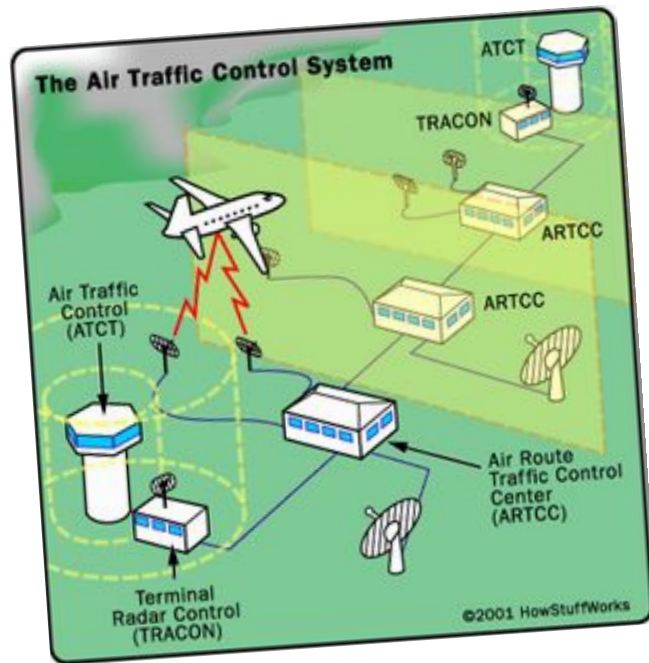
GOH YITIAN

GUI YU XUAN

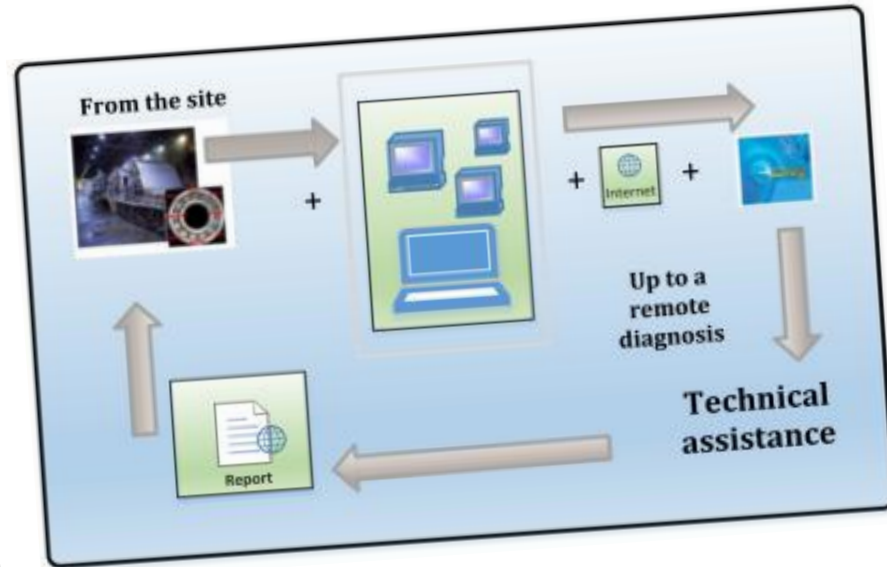
What is Real Time System?

any information processing system with hardware and software components that perform real-time application functions and can respond to events within predictable and specific time constraints.

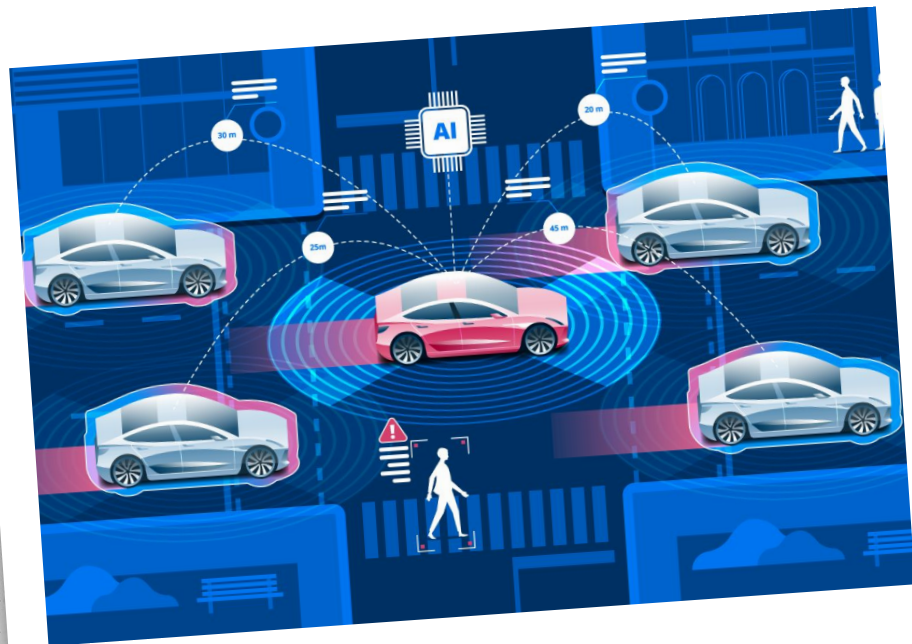
Examples



Air Traffic Control System



Process Control System



Autonomous Driving System

***Real Time
System
Components***

Timeliness

Ability to produce the expected result within a defined deadline

Time synchronization

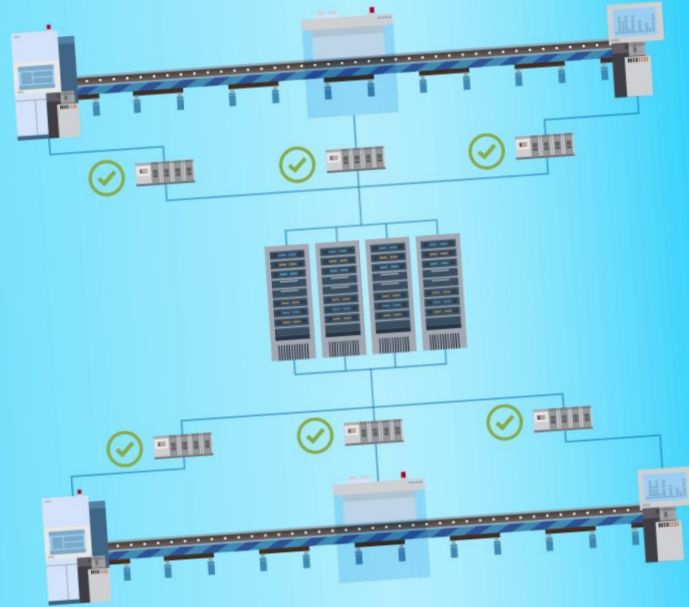
Ability of agents to coordinate independent clocks and operate together in unison

Latency

Measure of time between two events

Compute jitter

Latency variation between iterations



*Benefits of
RTO*

