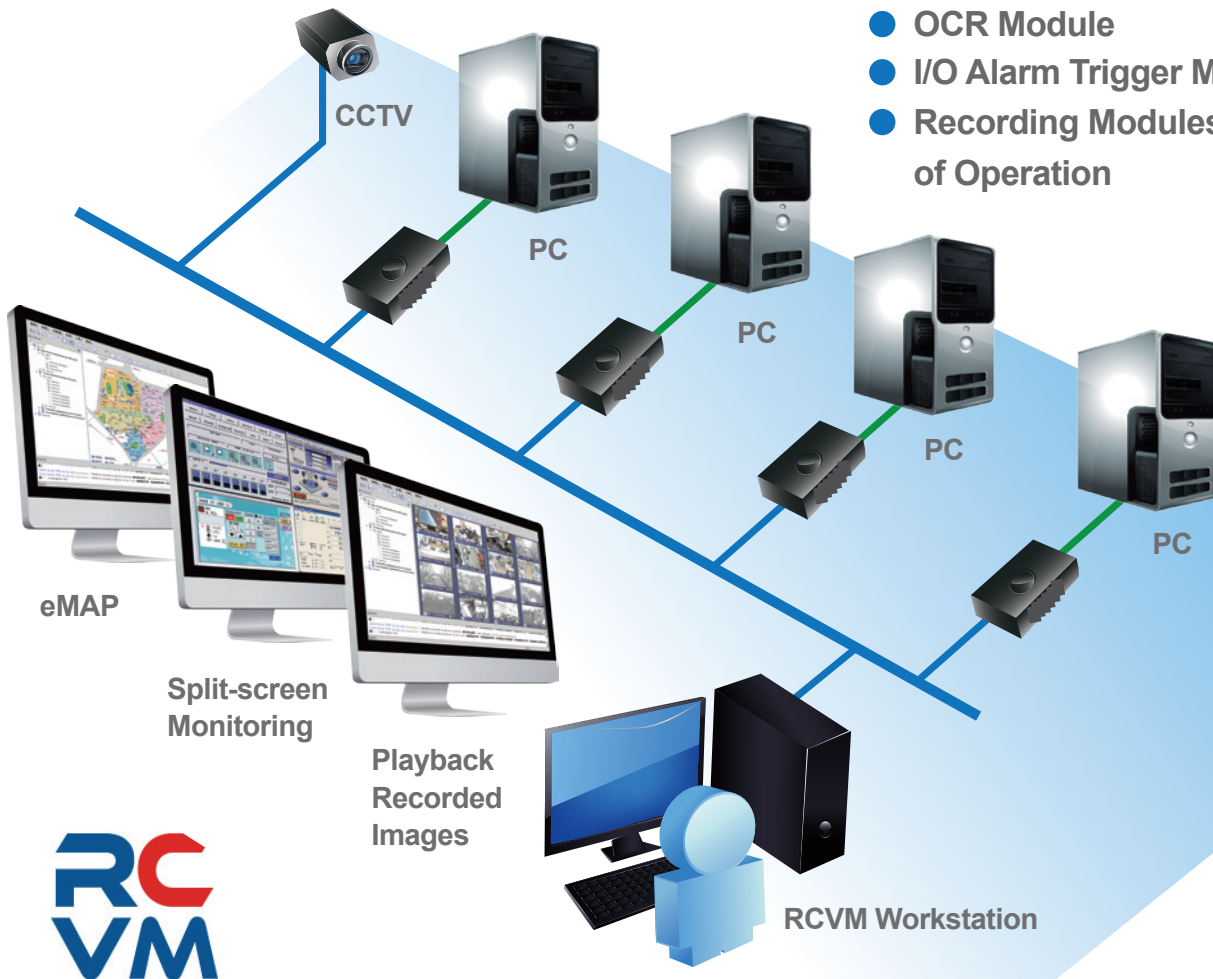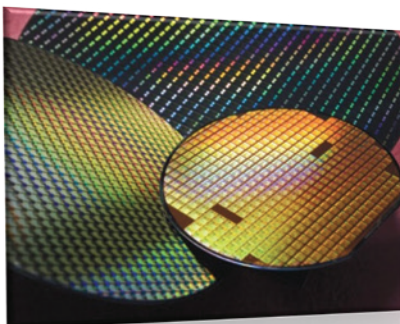# Remote Control Video Monitoring & Optical Character Recognition Systems

- Video Capture Module
- OCR Module
- I/O Alarm Trigger Module
- Recording Modules for Images of Operation

CCTV

PC

PC

PC

PC

eMAP

Split-screen Monitoring

Playback Recorded Images

RCVM Workstation

RC VM

- Providing split-screen images with real-time display and able to do synchronize monitoring
- Remote site is capable to do real-time operation to eliminate the possible problems from the PC of production machines
- After identifying PC's images for comparing with parameters, then the control commands will be send out automatically
- I/O trigger CCTV camera with pop-up warning message on the PC of production machines
- Playback images of production lines and CCTV videos to be one of the bases for clarifying the problems

APPLICATIONS Smart Factories, Control Room, and any industry whom has the need for information security.

Video Capture Module
Recording Modules for Images of Operation

- Video capture resolution is up to 1600x1200
- Provide power through Keyboard/Mouse interface, or use external power adapter for option
- BIOS level management
- Support USB or PS/2 interface with keyboard & mouse

OCR Module

- Programmable module to automatic control & capture the actions of keyboard/mouse
- Automatically or manually capture PC's images of remote site
- Identifying the characters and color of specific area from PC's screen
- Customized protocol

I/O Alarm Trigger Module

- Provide 2 sets of Analogue Voltage/Current Input
- Provide 2 sets of Analogue Voltage/Current Output or 2 sets of Mechanical Relays
- Support Modbus TCP protocol

Datastream Transform Module

- UDP to Serial / SNMP Agent Server
- TCP / IP to Serial
  Capable to do the authority management, remote operation, and control signals.
- TCP / IP to USB
  Capable to control mouse from remote site (needs to enter "absolute coordinate").
- Serial to Serial
  For the devices which need to have "keep-alive" status or different Baud Rate spec., this module can transform or select datastream to transmit.