AGV Control System Architecture
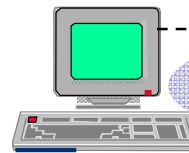
Savant Automation

Customer Host

performs production scheduling, inventory tracking, accounting and related business management functions. Can provide from/to moves to Vehicle Manager PC
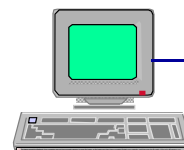
AGV Management Control Level

Vehicle Manager PC assigns closest, available agv to next required task

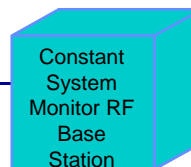Barcode Scanners | Call Boxes | Load Sensors | Other Devices (PLCs, etc.)
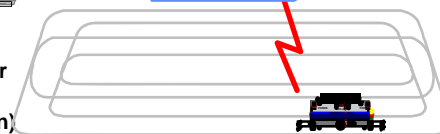
AGV Remote Call/Dispatch

AGVS Level

CSM

Constant System Monitor RF Base Station

handles RF communication between AGVs and allows remote vehicle dispatching

AGView
System Monitor
Performance
Reporter (Option)

'smart' AGVs perform their own turn decisions and traffic control

AGV Virtual Path
non-wire, 'target-free' gyro guided AGVs

savant
automation