

APICS Automated Production Inventory Control System

WHAT IS APICS?

Automated Production Inventory Control System

APICS is not a scheduling system.

APICS is a SLAVE to the scheduling system in the site that it is installed.

Can Interface with ALL scheduling systems

MINIMUM REQUIREMENTS

- APICS requires a server to run the software.
 - This can be physical, i.e. PC
 - Virtual – VM servers (Virtual Machine Servers)
- 3 Work Stations
 - 1 near the corrugator – Allows APICS to see what is coming from the corrugator
 - (Length, Width, Order Number, Last Order)
 - 1 near the conversion machine – To see what the conversion machines require
 - 1 with the planner – Allows APICS to see the latest schedule

GUI – GRAPHICAL USER INTERFACE

Factory Layout – Shows Corrugator, Conversion Machines, Conveyors – Length, Width

COLORS AND LOADS

Machines

- Each machine is a different color – All loads for that machine will be this same color.
 - This makes it easier to see which loads are going to which machine.
- Each load of the same color has a different number. These numbers represent the order number for that machine.
- Load on APICS will be scaled to the size of the physical load
- Grey Hatching – This will show that loads of the same order will be placed on this line

Black Loads

- These loads are either:
 - Not planned for APICS to detect them
 - Could be over from a previous order
 - Machine break down

Red Loads

- These are loads where APICS doesn't know the order number
 - An operator will need to go and identify these loads

Flashing Loads

- These are loads that are blocked by loads that are on a later order
- APICS will automatically move loads around to correct this
 - They won't be moved until required
- This is in case the order schedule changes
- Prevents the car doing work when not required

