

## TAS Cheats Sheet

### Writing File Formulas

#### IN

- StrFormat("%d/%d/%d" ,CalMonth(TNOW),CalDayOfMonth(TNOW),CalYear(TNOW))
- StrFormat("%d:%d:%d" ,CalHour(TNOW),CalMinute(TNOW),CalSecond(TNOW))
- PONumber
- VehicleNumber

#### OUT

- PONumber
- NQ({PROCESS\_NAME}.Queue)
- DAVG({PROCESS\_NAME}.Queue.NumberInQueue)
- TAVG({PROCESS\_NAME}.Queue.WaitingTime)
- {PROCESS\_NAME}.WIP
- IRF({RESOURCE\_NAME})
- DAVG({RESOURCE\_NAME}.NumberBusy)/MAX(0.0001,DAVG({RESOURCE\_NAME}.NumberScheduled))
- NR({RESOURCE\_NAME})
- StrFormat("%d/%d/%d" ,CalMonth(TNOW),CalDayOfMonth(TNOW),CalYear(TNOW))
- StrFormat("%d:%d:%d" ,CalHour(TNOW),CalMinute(TNOW),CalSecond(TNOW))
- TNOW - {PROCESS\_ARRIVAL\_TIME}

### Parking Formula

- (NE(Inbound Weighbridge Station)+Inbound Weighbridge Process.WIP == 0) && NQ(DIESEL Waiting.Queue) == 0 && NQ(GASOHOL95 Waiting.Queue) == 0

### DIESEL Wait Formula

- ((NE(DIESEL Bay Station) + DIESEL Bay Process.WIP) < 4) && (IRF(DIESEL Dispenser)==0)

### GASOHOL95 Wait Formula

- ((NE(GASOHOL95 Bay Station) + GASOHOL95 Bay Process.WIP) < 2 ) &&(IRF(GASOHOL95 Dispenser)==0)

### DIESEL Failed Wait Formula

- IRF(DIESEL Dispenser)==0

### GASOHOL95 Failed Wait Formula

- IRF(GASOHOL95 Dispenser)==0