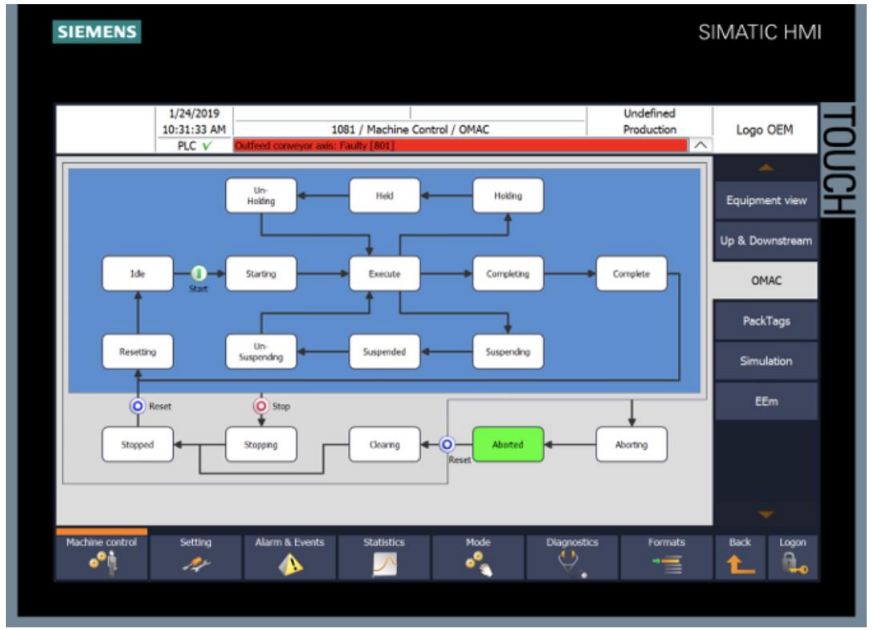
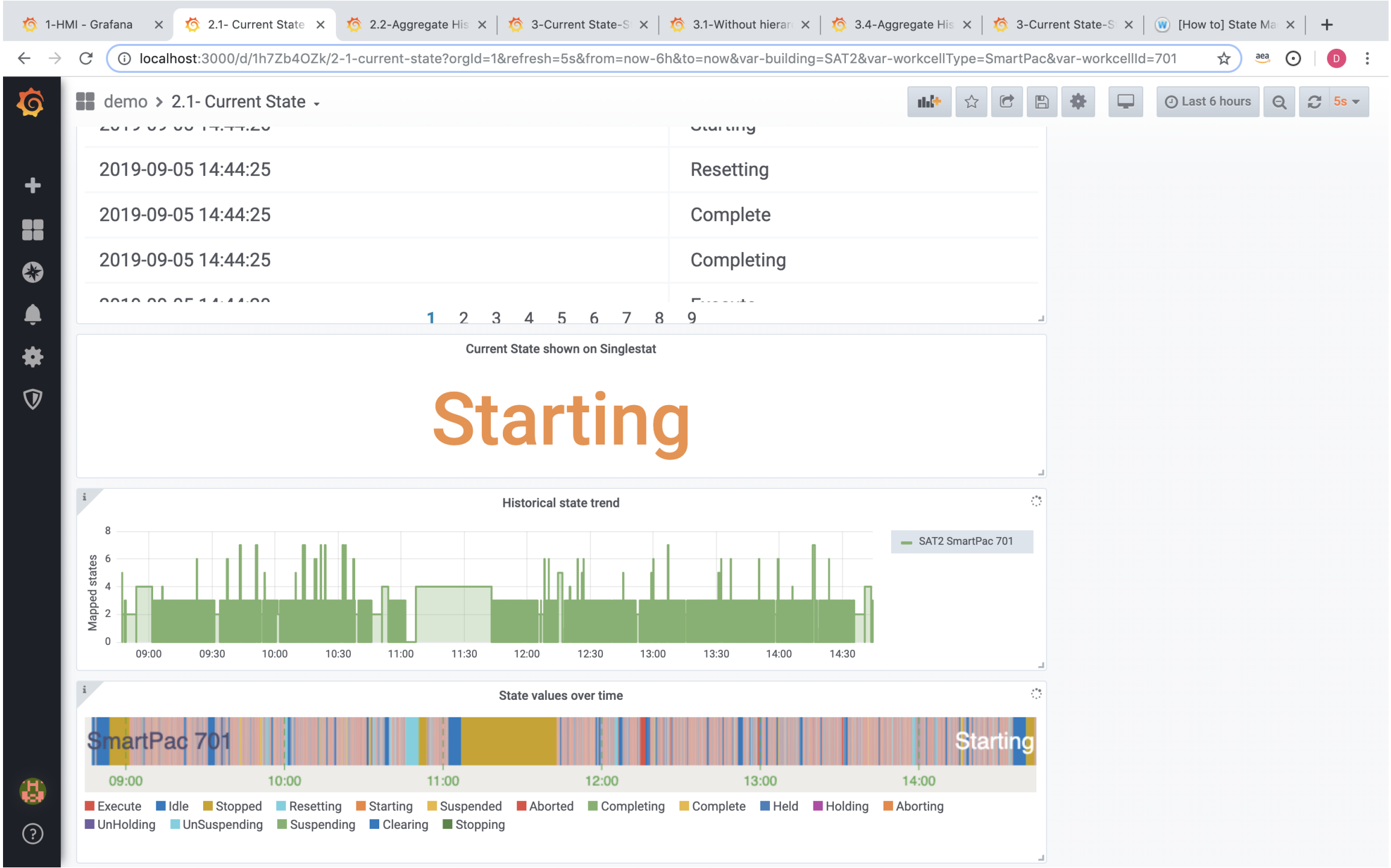
Panel Title

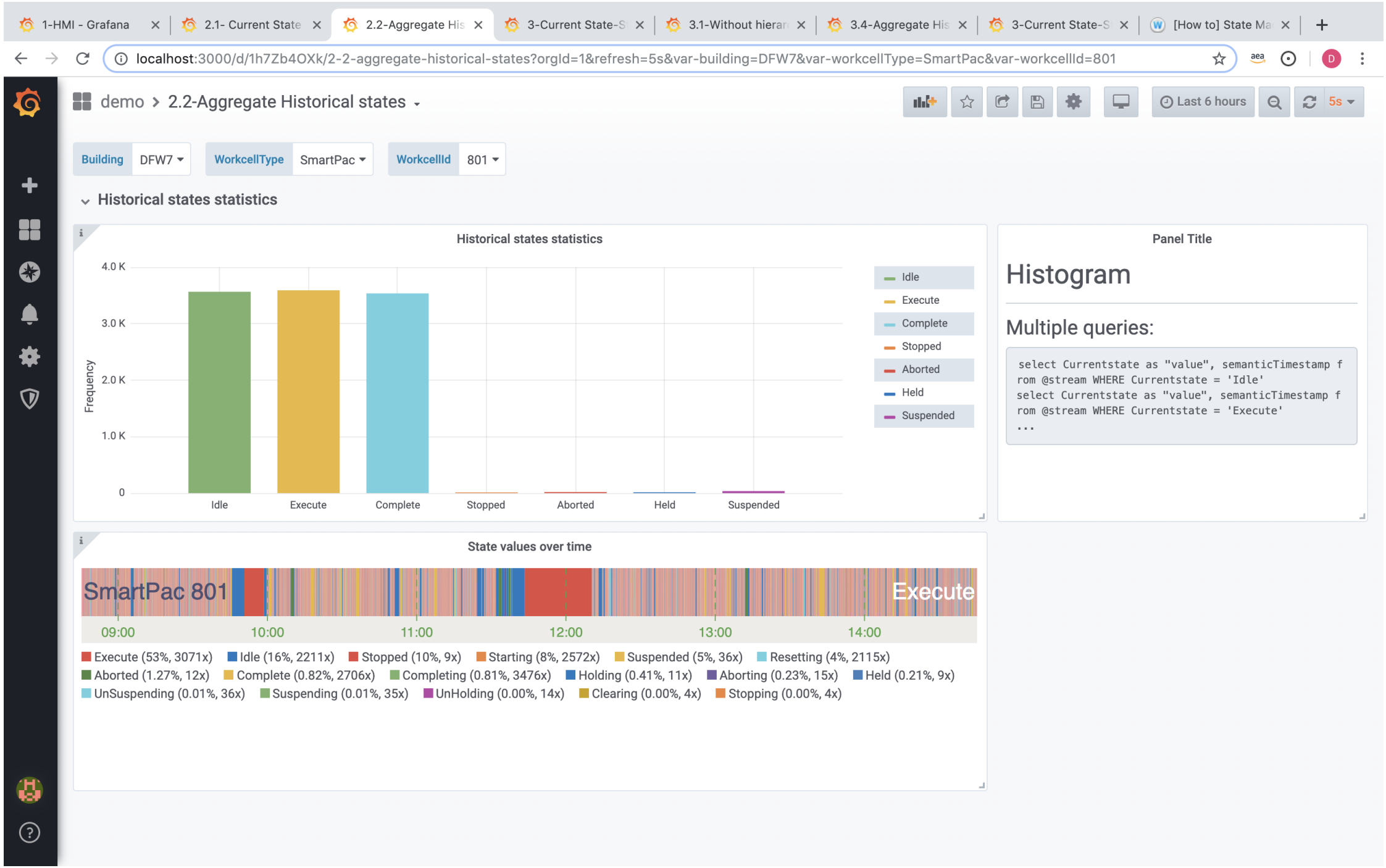
Human Machine Interface (HMI)

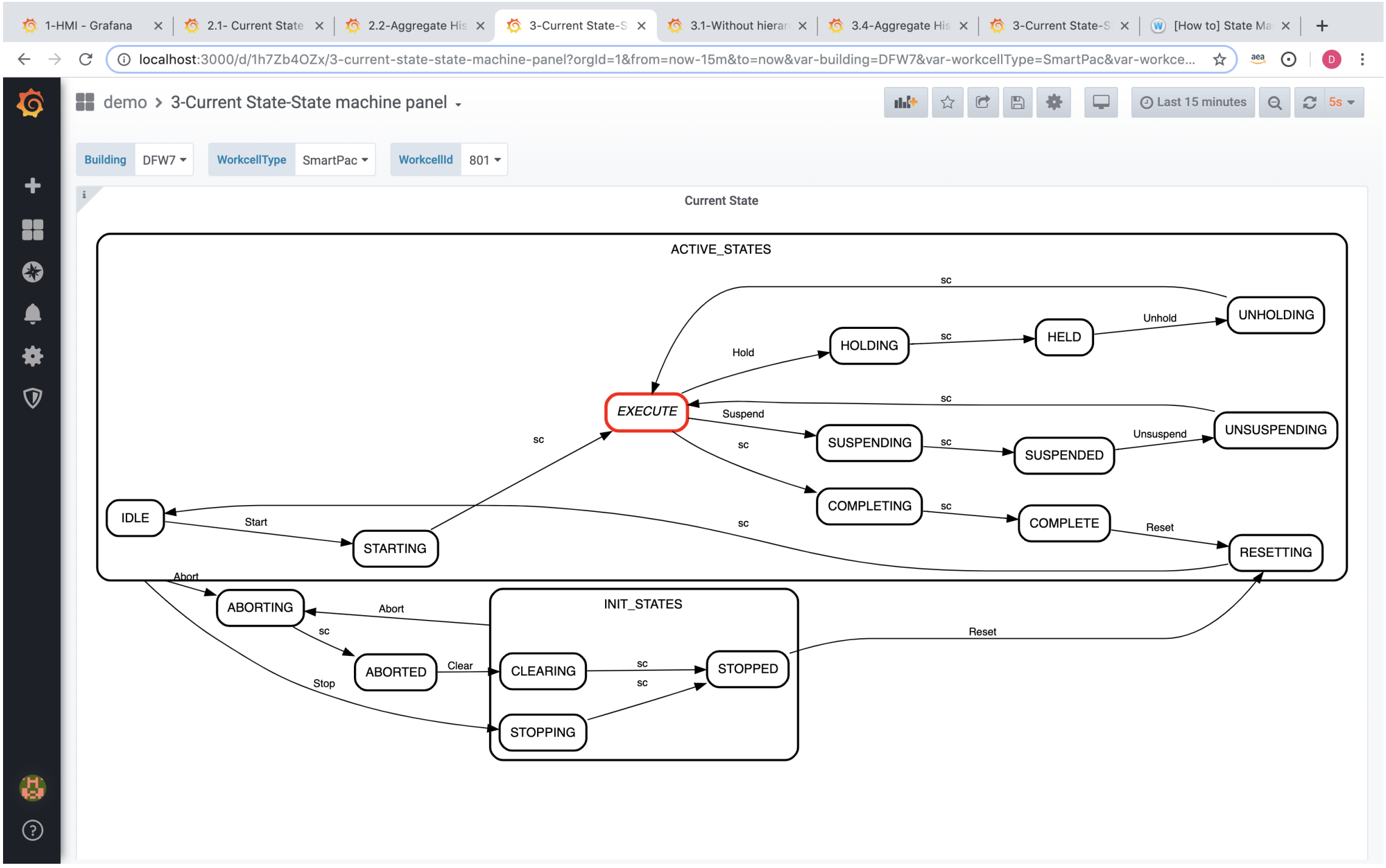


Panel Title

Human Machine Interface (HMI)


1-HMI - Grafana
2.1- Current State
2.2-Aggregate His
3-Current State-S
3.1-Without hierar
3.4-Aggregate His
3-Current State-S
[How to] State Ma
localhost:3000/d/1h7Zb4OZk/2-1-current-state?orgId=1&refresh=5s&from=now-6h&to=now&var-building=SAT2&var-workcellType=SmartPac&var-workcellId=701
demo > 2.1- Current State
Last 6 hours
5s
2019-09-05 14:44:25
Resetting
2019-09-05 14:44:25
Complete
2019-09-05 14:44:25
Completing
1 2 3 4 5 6 7 8 9
Current State shown on Singlestat
Starting
Historical state trend
Mapped states
SAT2 SmartPac 701
09:00 09:30 10:00 10:30 11:00 11:30 12:00 12:30 13:00 13:30 14:00 14:30
State values over time
SmartPac 701
Starting
09:00 10:00 11:00 12:00 13:00 14:00
Execute Idle Stopped Resetting Starting Suspended Aborted Completing Complete Held Holding Aborting
UnHolding UnSuspending Suspending Clearing Stopping


1-HMI - Grafana
2.1- Current State
2.2-Aggregate His
3-Current State-S
3.1-Without hierar
3.4-Aggregate His
3-Current State-S
[How to] State Ma
localhost:3000/d/1h7Zb4OXk/2-2-aggregate-historical-states?orgId=1&refresh=5s&var-building=DFW7&var-workcellType=SmartPac&var-workcellId=801
demo > 2.2-Aggregate Historical states
Last 6 hours
5s
Building DFW7
WorkcellType SmartPac
WorkcellId 801
Historical states statistics
Historical states statistics
4.0 K
3.0 K
2.0 K
1.0 K
0
Frequency
Idle
Execute
Complete
Stopped
Aborted
Held
Suspended
Panel Title
Histogram
Multiple queries:
select Currentstate as "value", semanticTimestamp f
rom @stream WHERE Currentstate = 'Idle'
select Currentstate as "value", semanticTimestamp f
rom @stream WHERE Currentstate = 'Execute'
...
State values over time
SmartPac 801
Execute
09:00
10:00
11:00
12:00
13:00
14:00
Execute (53%, 3071x)
Idle (16%, 2211x)
Stopped (10%, 9x)
Starting (8%, 2572x)
Suspended (5%, 36x)
Resetting (4%, 2115x)
Aborted (1.27%, 12x)
Complete (0.82%, 2706x)
Completing (0.81%, 3476x)
Holding (0.41%, 11x)
Aborting (0.23%, 15x)
Held (0.21%, 9x)
UnSuspending (0.01%, 36x)
Suspending (0.01%, 35x)
UnHolding (0.00%, 14x)
Clearing (0.00%, 4x)
Stopping (0.00%, 4x)


1-HMI - Grafana
2.1- Current State
2.2-Aggregate His
3-Current State-S
3.1-Without hierar
3.4-Aggregate His
3-Current State-S
[How to] State Ma
localhost:3000/d/1h7Zb4OZx/3-current-state-state-machine-panel?orgId=1&from=now-15m&to=now&var-building=DFW7&var-workcellType=SmartPac&var-workce...
demo > 3-Current State-State machine panel
Last 15 minutes
5s
Building
DFW7
WorkcellType
SmartPac
WorkcellId
801
Current State
ACTIVE_STATES
IDLE
Start
STARTING
sc
EXECUTE
Hold
HOLDING
sc
HELD
Unhold
UNHOLDING
sc
Suspend
SUSPENDING
sc
SUSPENDED
Unsuspend
UNSUSPENDING
sc
COMPLETING
sc
COMPLETE
Reset
RESETTING
sc
Abort
ABORTING
Abort
sc
ABORTED
Clear
Stop
INIT_STATES
CLEARING
sc
sc
STOPPED
Reset
STOPPING

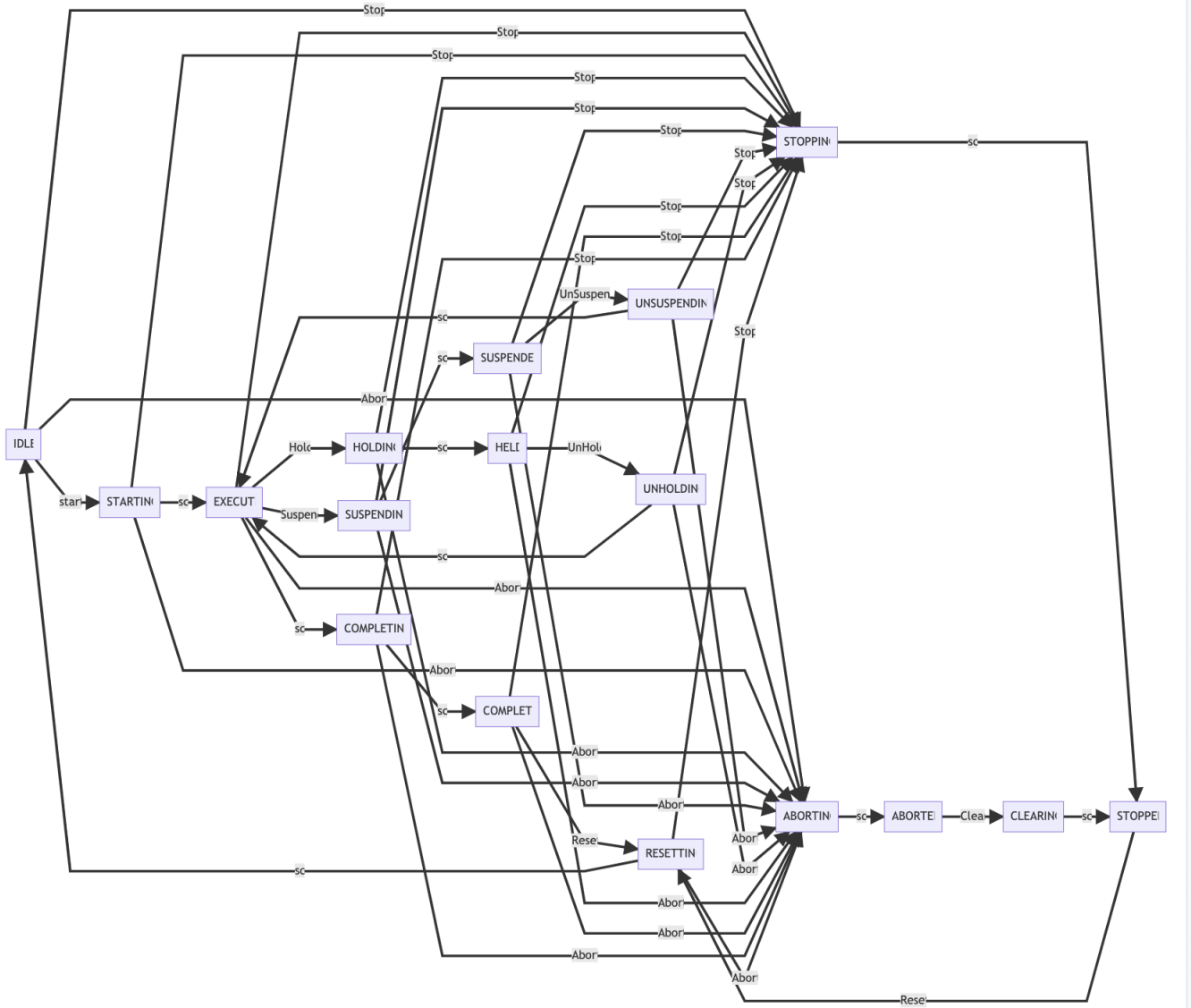
1-HMI - Grafana | 2.1- Current State | 2.2-Aggregate His | 3-Current State-S | 3.1-Without hierar | 3.4-Aggregate His | 3-Current State-S | [How to] State Ma

localhost:3000/d/Lg1i9k52z/3-1-without-hierarchical-states?orgId=1

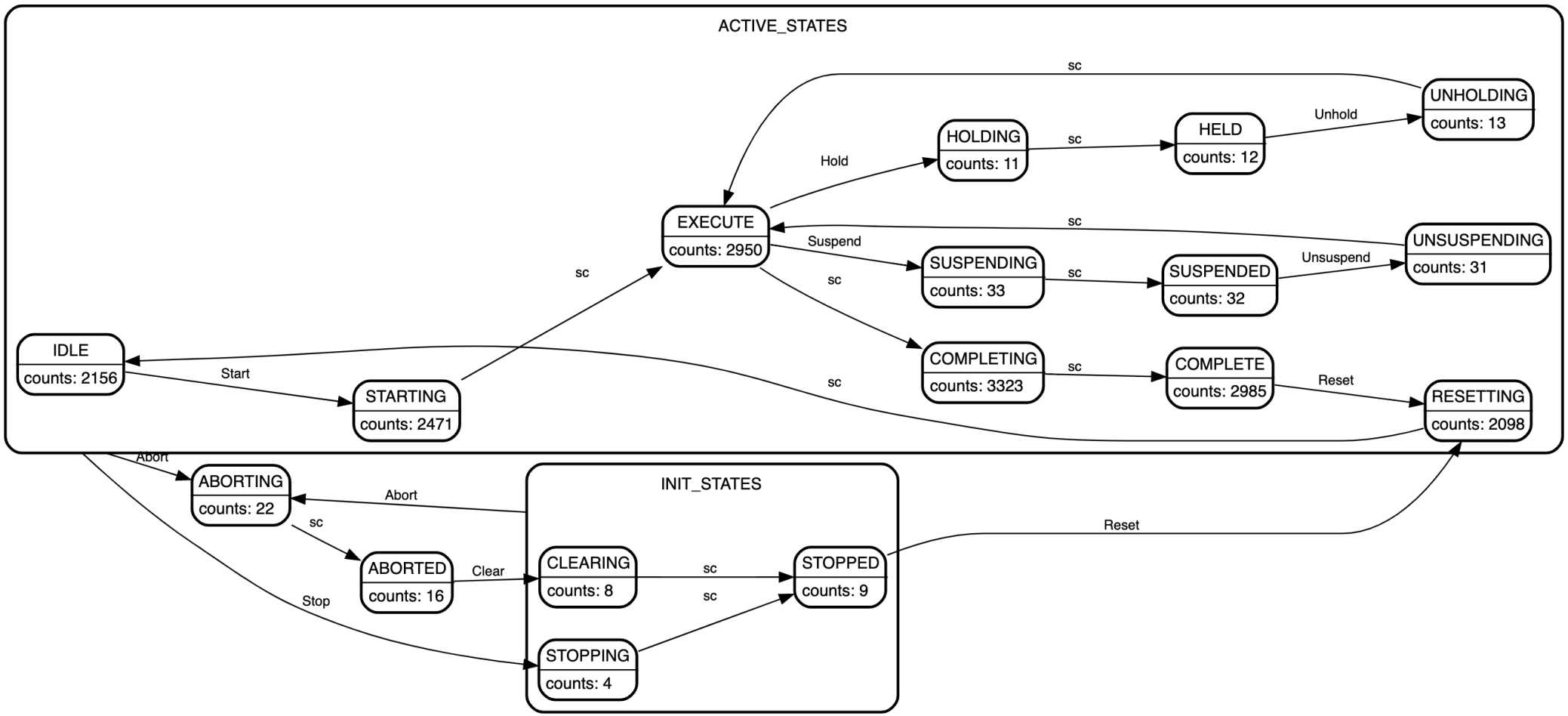
3.1-Without hierarchical states

Last 6 hours

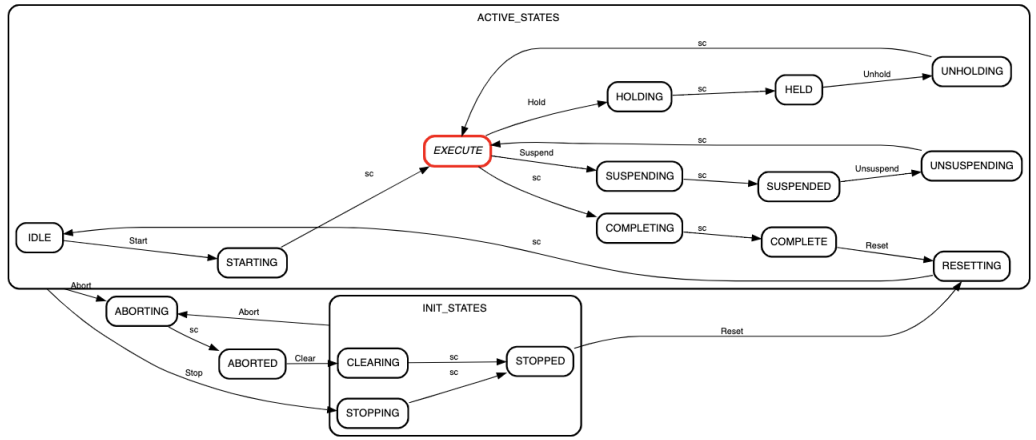
Panel Title



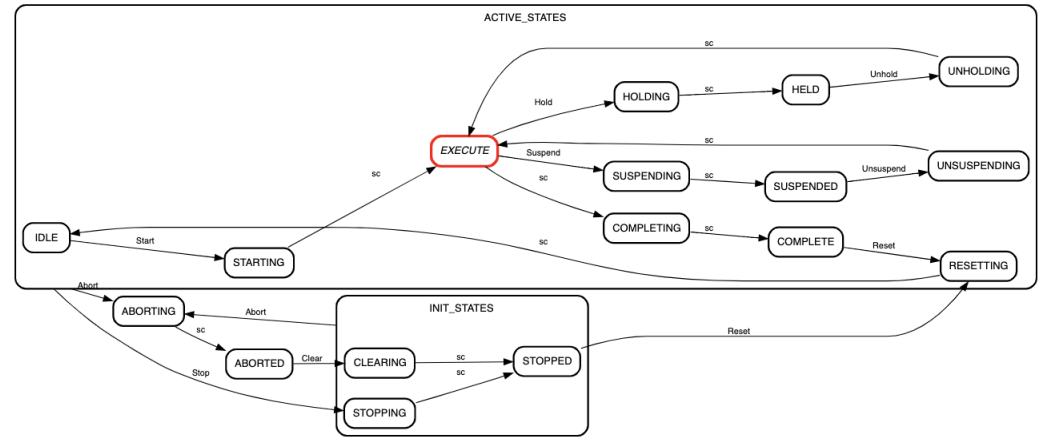
Transition Counts



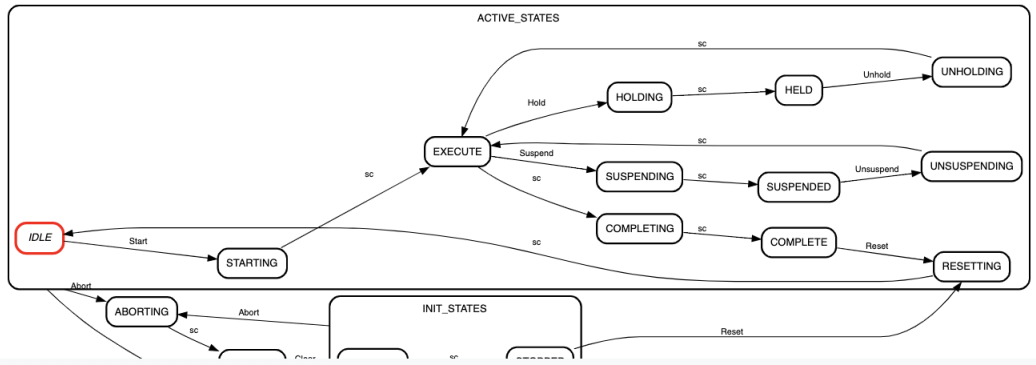
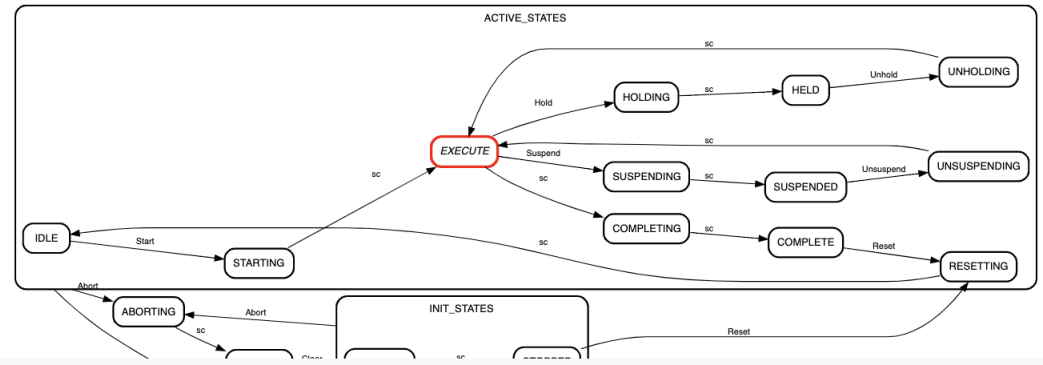
SAT2 SmartPac 701 Current State



SAT2 SmartPac 702 Current State



SAT2 SmartPac 703 Current State



SAT2 SmartPac 704 Current State