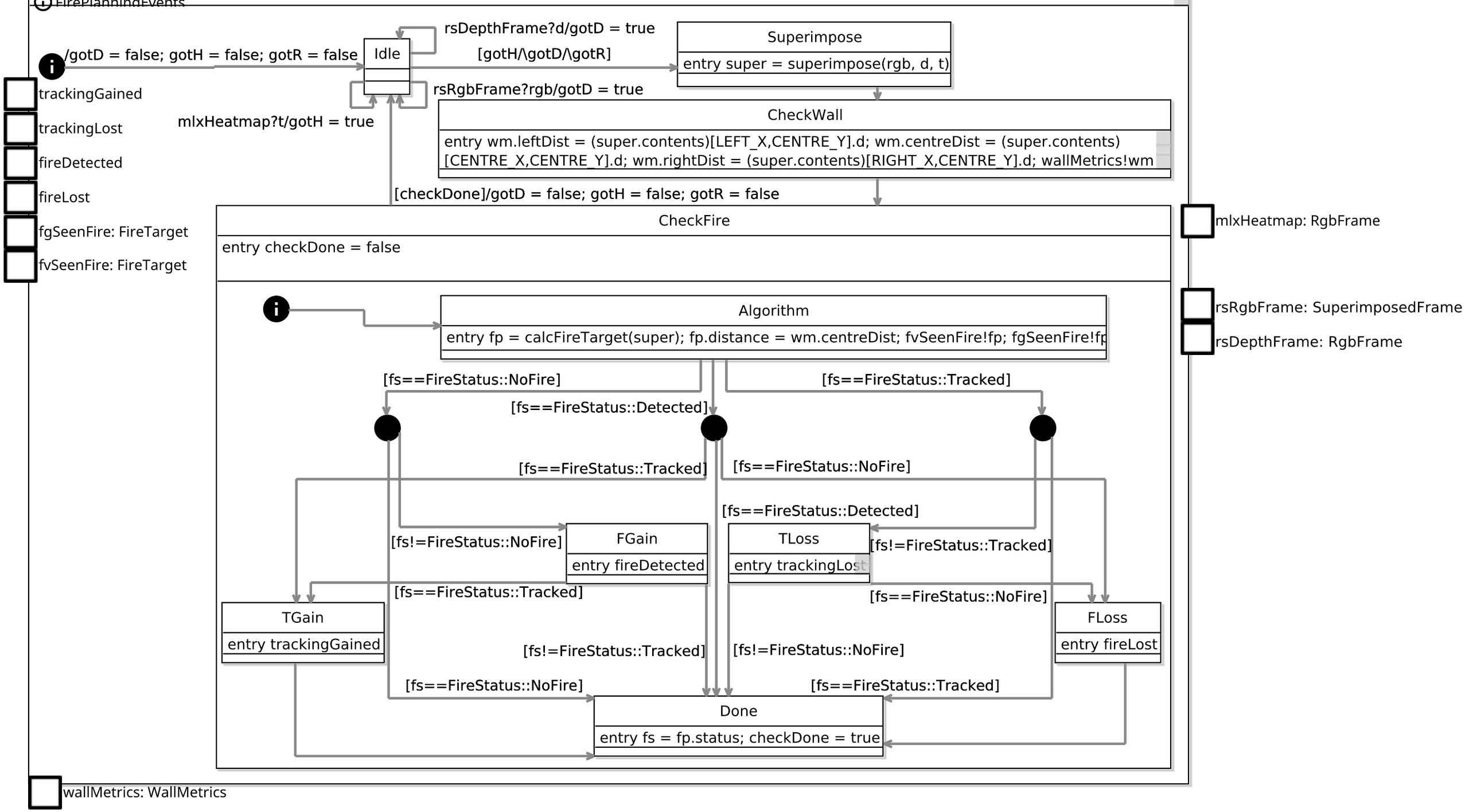
imports

comm::*
datatypes::*
mlx90640::*
rsd435i::*

calcFireTarget(f: SuperimposedFrame): FireTarge

superimpose(rgb: RgbFrame, d: Frame, t: Frame): SuperimposedFrame

forall i: nat, j: nat @ (result.contents)[i,j].rgb==rgb[i,j]/\(result.contents)[i,j].d==d[i,j]/\(result.contents)[i,j].t==t[i,j]

FireDetect

MLX90640
RealSenseD435i
fp: FireTarget, fs: FireStatus, wm: WallMetrics, checkDone: boolean
gotD: boolean, gotH: boolean, gotR: boolean
rgb: RgbFrame, d: Frame, t: Frame, super: SuperimposedFrame
LEFT_X: nat, CENTRE_X: nat, RIGHT_X: nat, CENTRE_Y: nat
MLX90640Events
RealSenseD435iEvents
FireVisualEvents
FireGimbalEvents
FirePlanningEvents