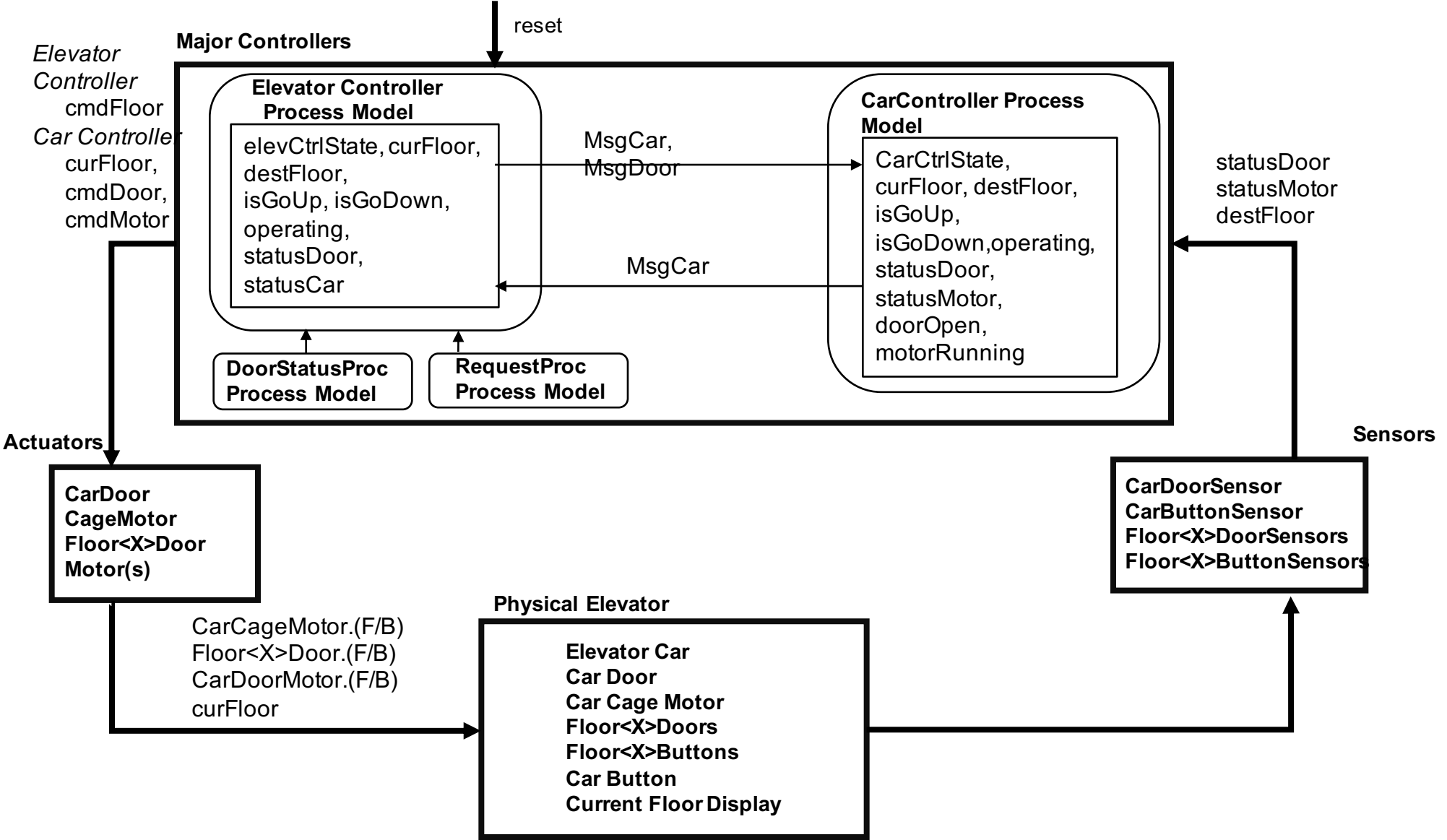
reset
Major Controllers
Elevator Controller
cmdFloor
Car Controller
curFloor,
cmdDoor,
cmdMotor
Elevator Controller Process Model
elevCtrlState, curFloor, destFloor, isGoUp, isGoDown, operating, statusDoor, statusCar
MsgCar, MsgDoor
MsgCar
CarController Process Model
CarCtrlState, curFloor, destFloor, isGoUp, isGoDown,operating, statusDoor, statusMotor, doorOpen, motorRunning
statusDoor
statusMotor
destFloor
DoorStatusProc Process Model
RequestProc Process Model
Actuators
CarDoor
CageMotor
Floor<X>Door
Motor(s)
Sensors
CarDoorSensor
CarButtonSensor
Floor<X>DoorSensors
Floor<X>ButtonSensors
CarCageMotor.(F/B)
Floor<X>Door.(F/B)
CarDoorMotor.(F/B)
curFloor
Physical Elevator
Elevator Car
Car Door
Car Cage Motor
Floor<X>Doors
Floor<X>Buttons
Car Button
Current Floor Display