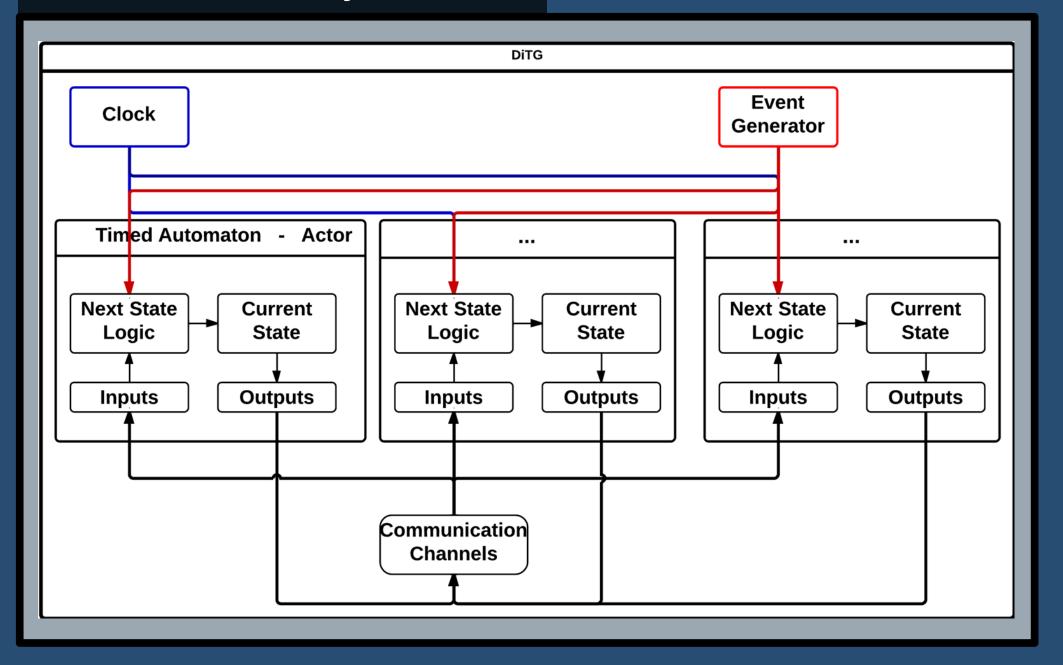


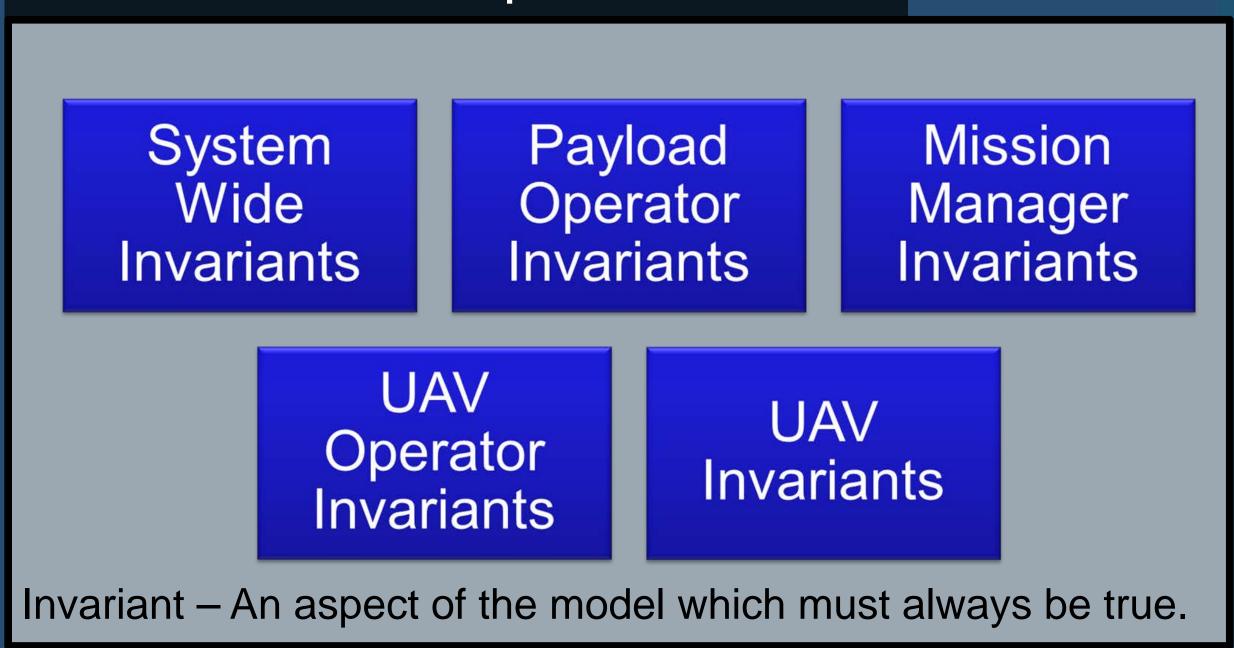
C-UAS UAV Role Modeling and Verification

Dr. Eric Mercer, Dr. Michael Goodrich, T.J. Gledhill, Robert Ivie, Jared Moore

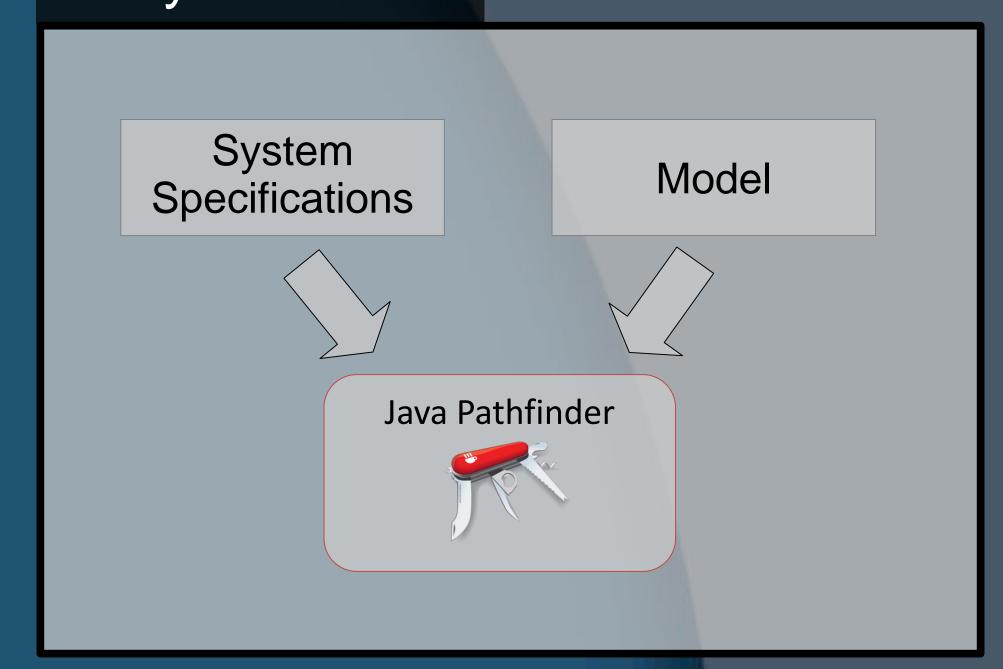
Model the System



Create Verifiable Specifications



Verify the Model



Action sequence

in response to

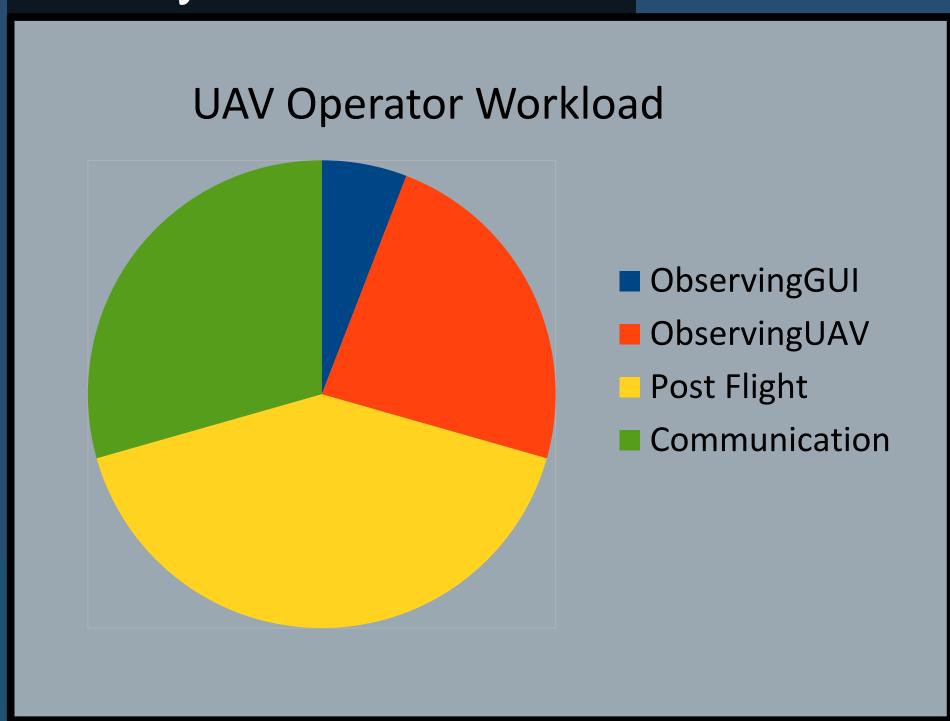
detecting an

Implement Workload Metrics

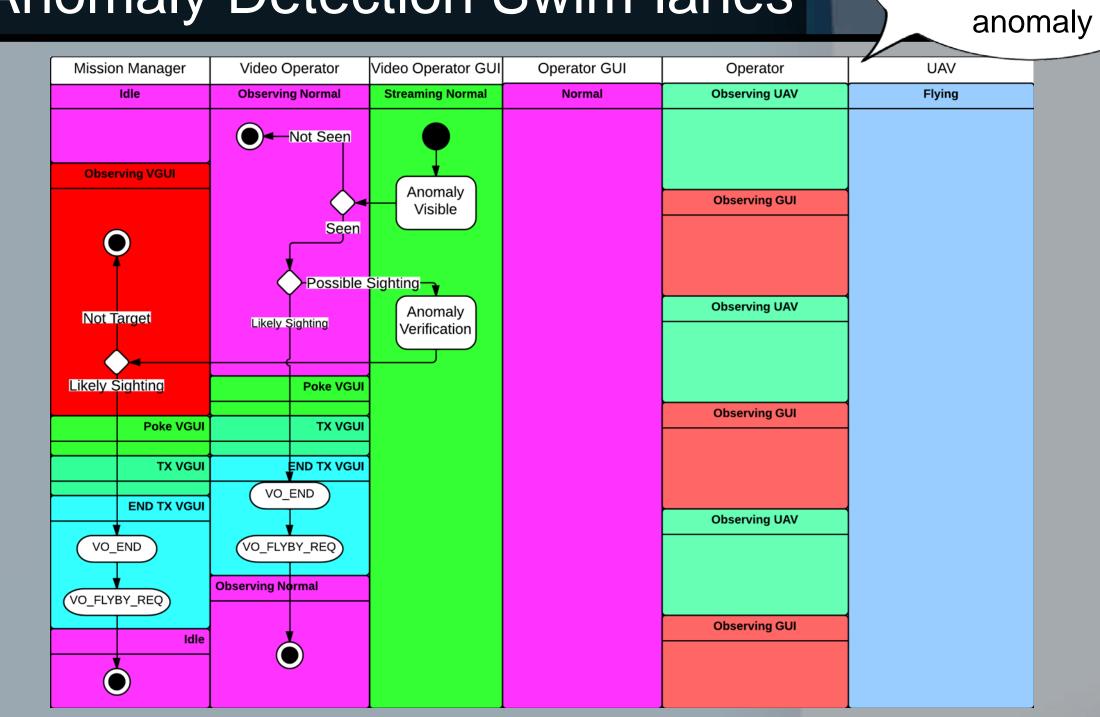
Audio Channel Conflicts

Visual Channel Conflicts Between Channel Conflicts

Identify Low Workloads



Anomaly Detection Swim-lanes



Directed Role Graph – UAV Operator

