

UAV-SOA-Interface

IFA System

Data Acquisition

get-all-info-sensors

Security Manager

Monitoring Aircraft

Decision Making

Path
Replanning

Vertical
Landing

RTL

Turn On Alarm

Path Replanning

GA

MPGA

GH

set-mission

Communication Control

Send Msg

Receive Msg

HTTP:
Port: 50000
Host: localhost

Socket
Port: 5555
Host: localhost

MOSA System

Data Acquisition

get-all-info-sensors

Mission Manager

Oversees the Mission

Decision Making

Path Planning

Fixed Route

Turn On Buzzer

Take a Picture

Path Planning

set-mission

append-mission

Communication Control

Send Msg

Receive Msg