

Original aerial video



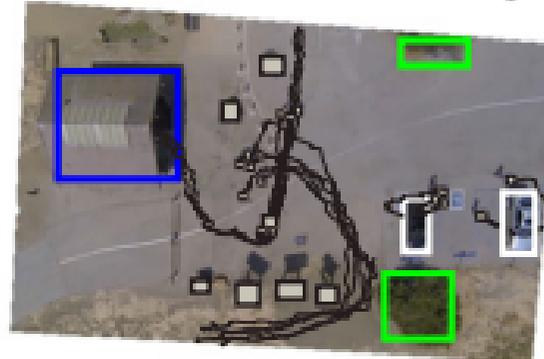
Frame registration



Scene labeling



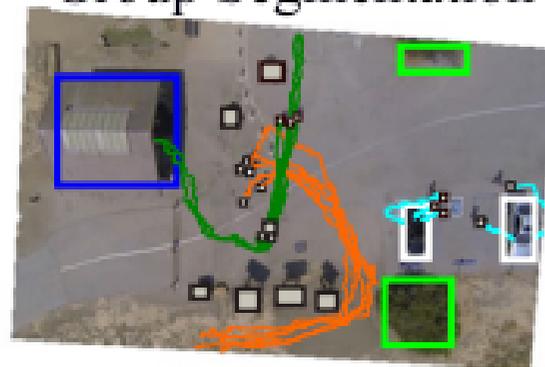
Detection & tracking



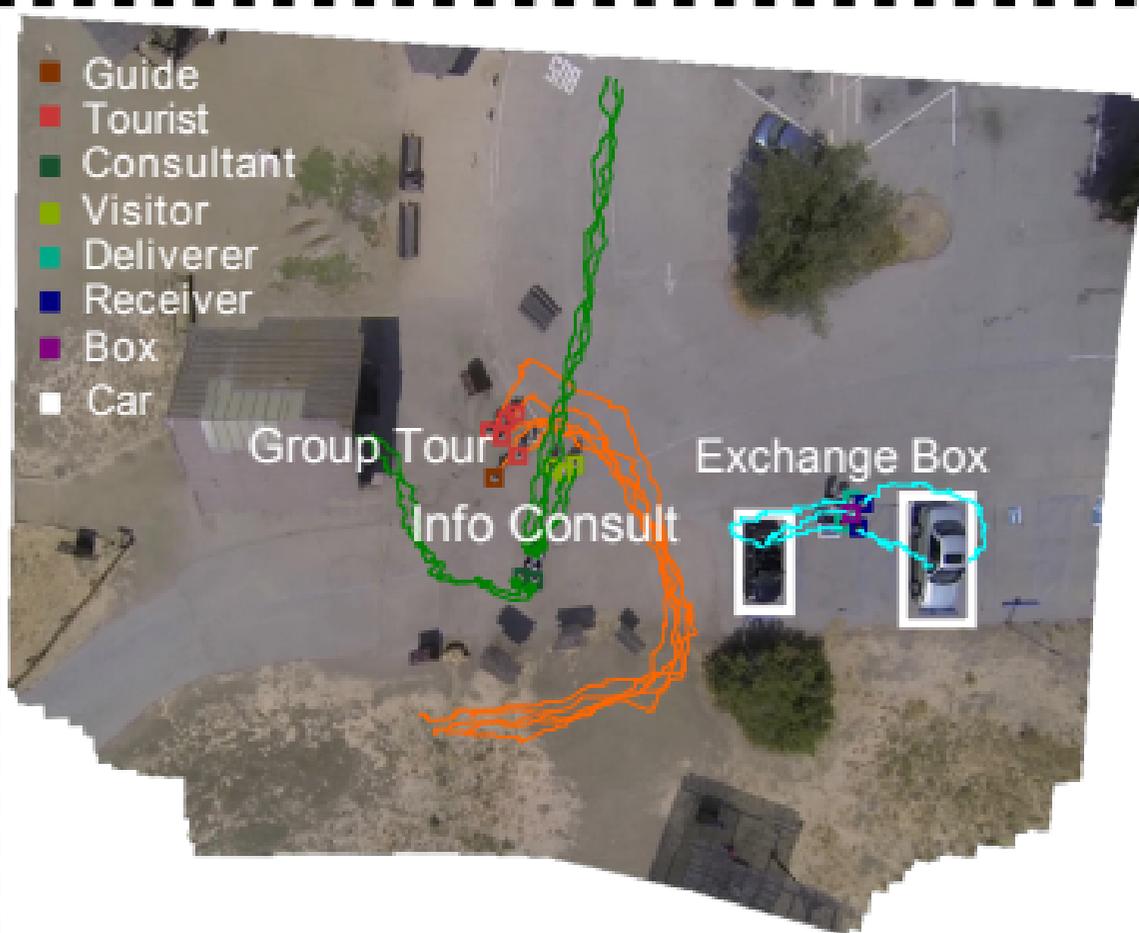
Event Recognition



Group Segmentation



Role Assignment



Preprocessing

Inference

Output on panorama