

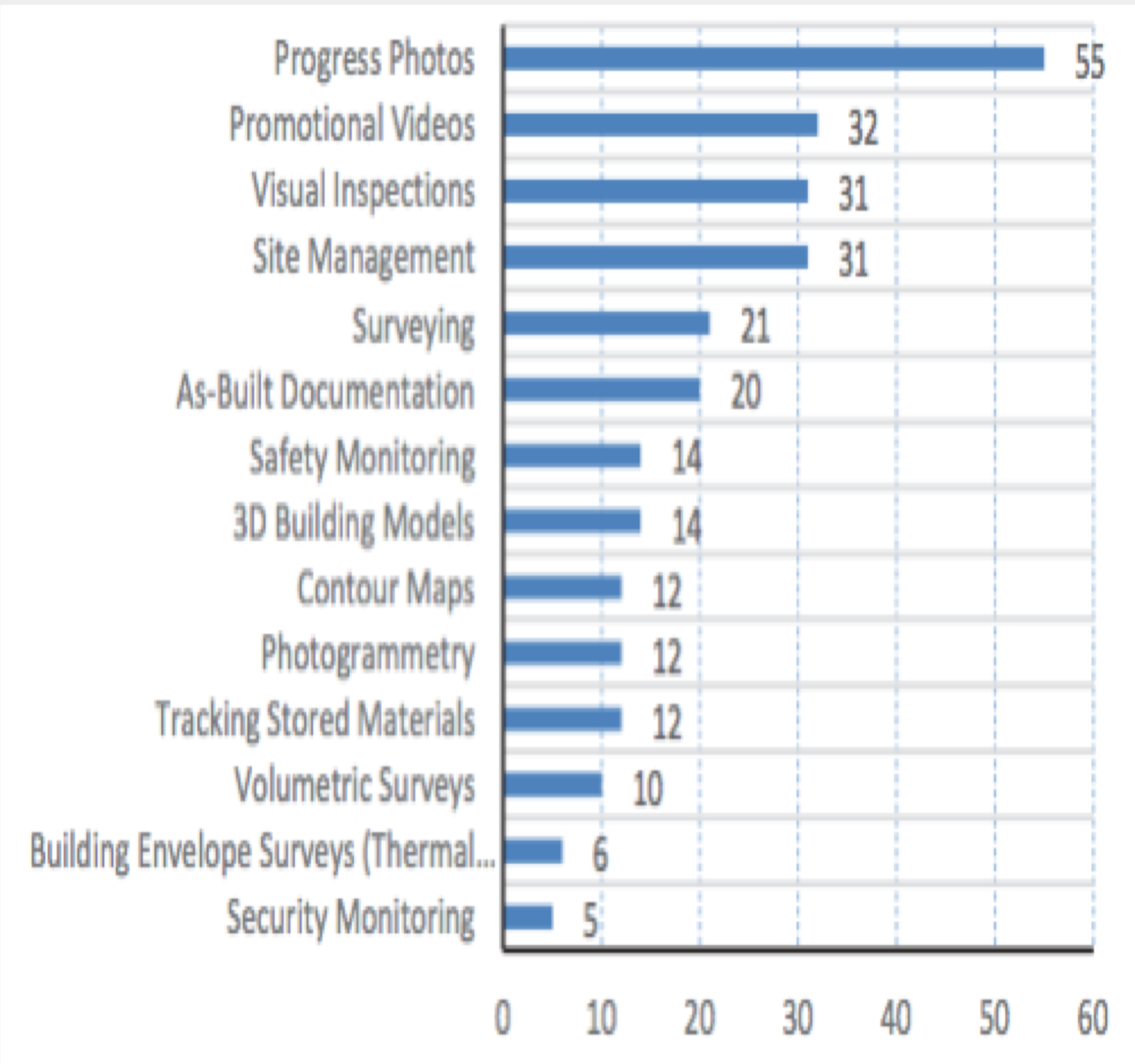
Applications of Drone Technology with BIM to Increase Productivity

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This paper looks directly at BIM and Drone Technology in today's age and how their integrative capabilities with one another can result in a highly productive construction atmosphere. Webcor will serve as this example via case study. The research methodology for the project will come from interviews and a questionnaire featuring a project manager, superintendent, licensed flyer, BIM engineer, and cost estimator. The variety of interviews, will showcase the effects drone technology and BIM have on different sectors of a business. This paper focuses on major techniques companies can use to further integrate drones with BIM to increase productivity.

Keywords: BIM, UAVs, drone technology, construction productivity, data collection, FFA

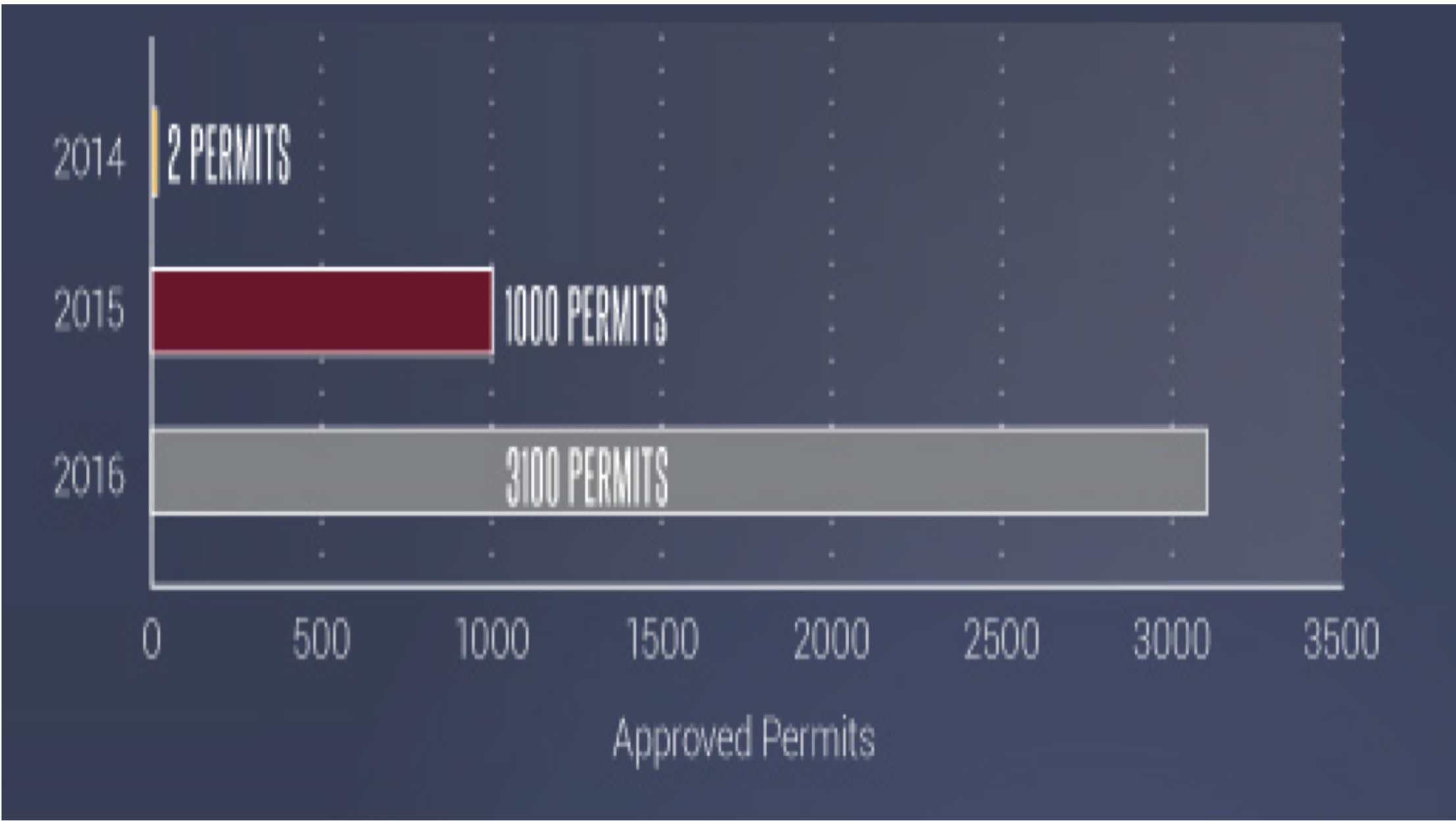
Popular Uses for UAVs in Construction



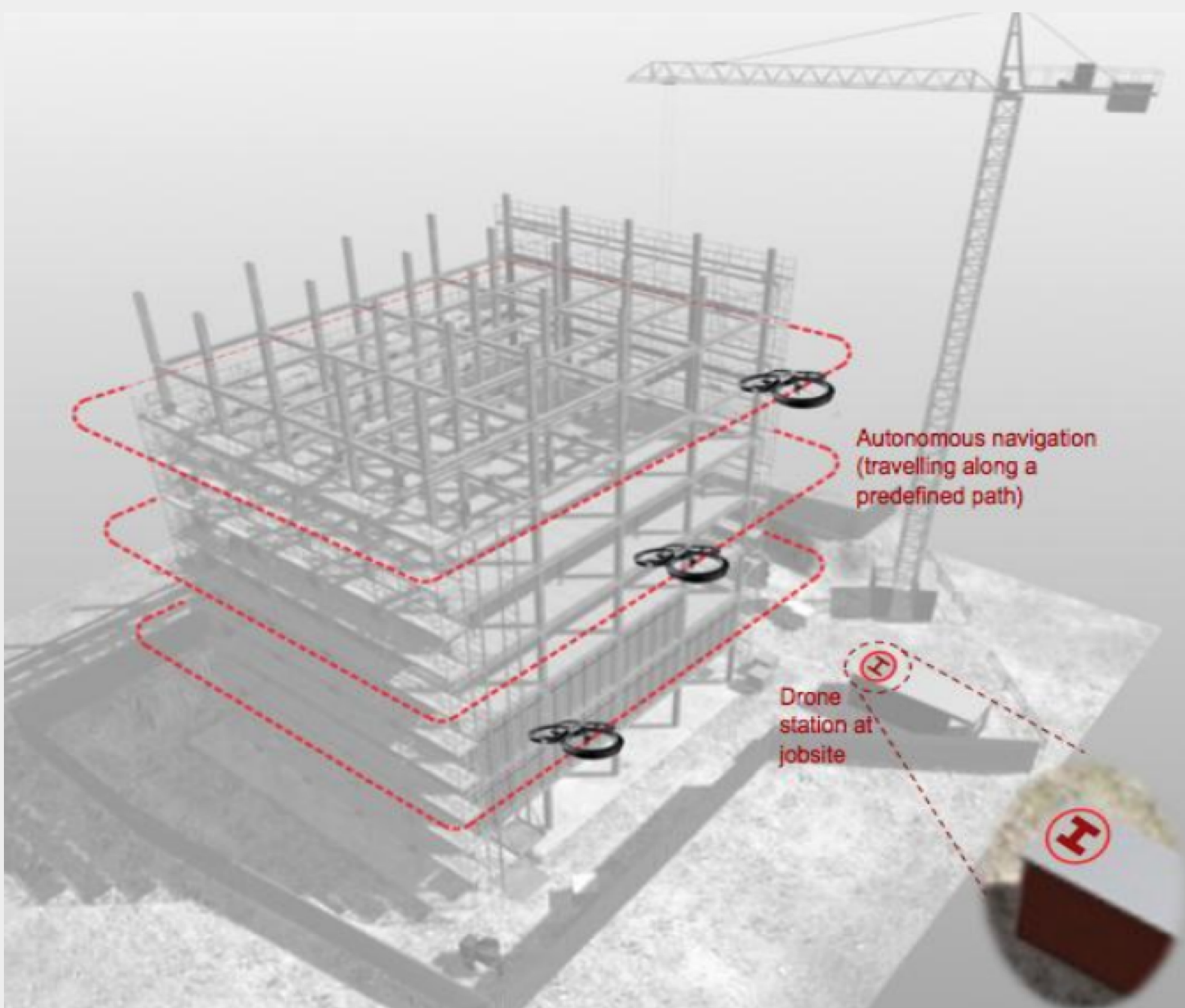
Webcor's UC Merced Project



Growth of UAVs



Autonomous Navigation Using Predefined Paths and Locations



Review of Stakeholders

