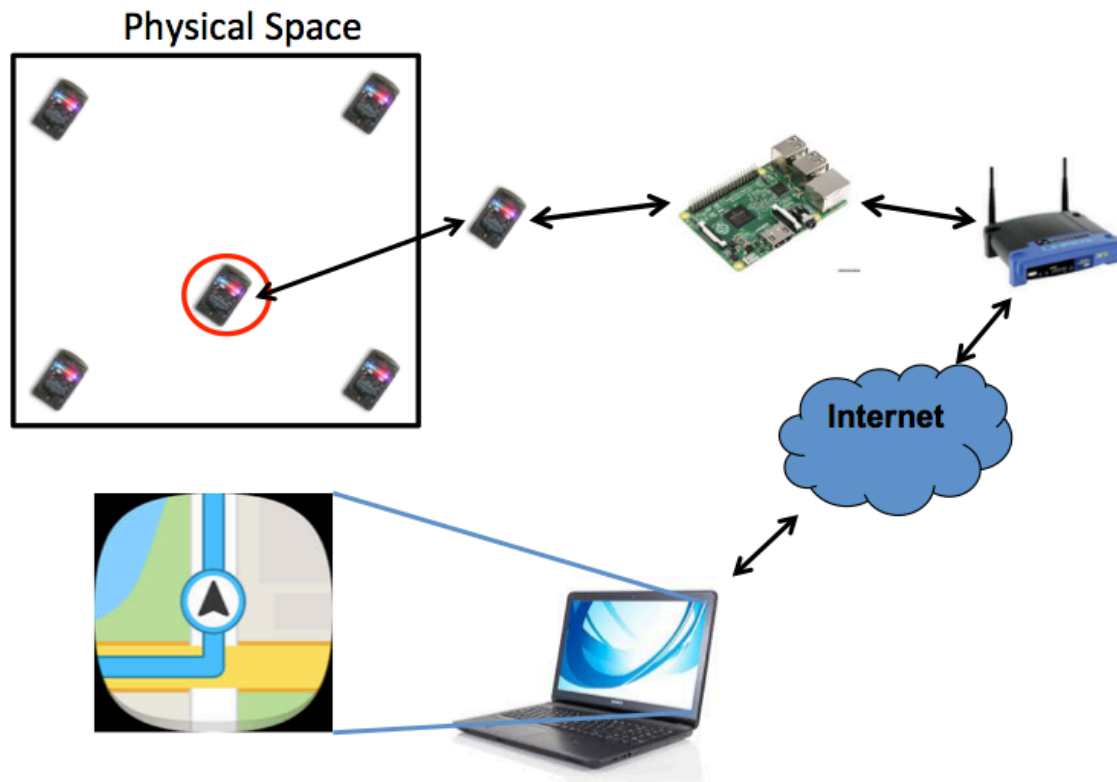


## Challenge #5: Find the Device

**Your Task:** create a system that localizes a mobile device (e.g., on a person or vehicle) in an indoor environment. The results should be displayed graphically in real time on a host computer display that is not directly connected to the mobile device.

**Deliverables:** The usual. Details described in the rubric. Note: you are not required to implement this demo using the crawler.

**Learning objectives:** learn the different strategies for indoor localization (positioning); adaptation of these strategies to the XBees or Photons and other available sensors.



### Design Decisions:

- Photon or Arduino-XBee (you will need localization for the final challenge)

### Elements:

- RSSI; trilateration; KNN localization

