How To Stop Poachers Stealing Your Pandas

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Technology Is Used For Animal Conservation

globalgiving.org/projects/savingpandas/

GROUND Lab home.groundlab.cc/lioncollars.html

Conservationists Need To Gather Animal Location Data

Mobile phone infrastructure often unavailable

Satellite communications are too expensive
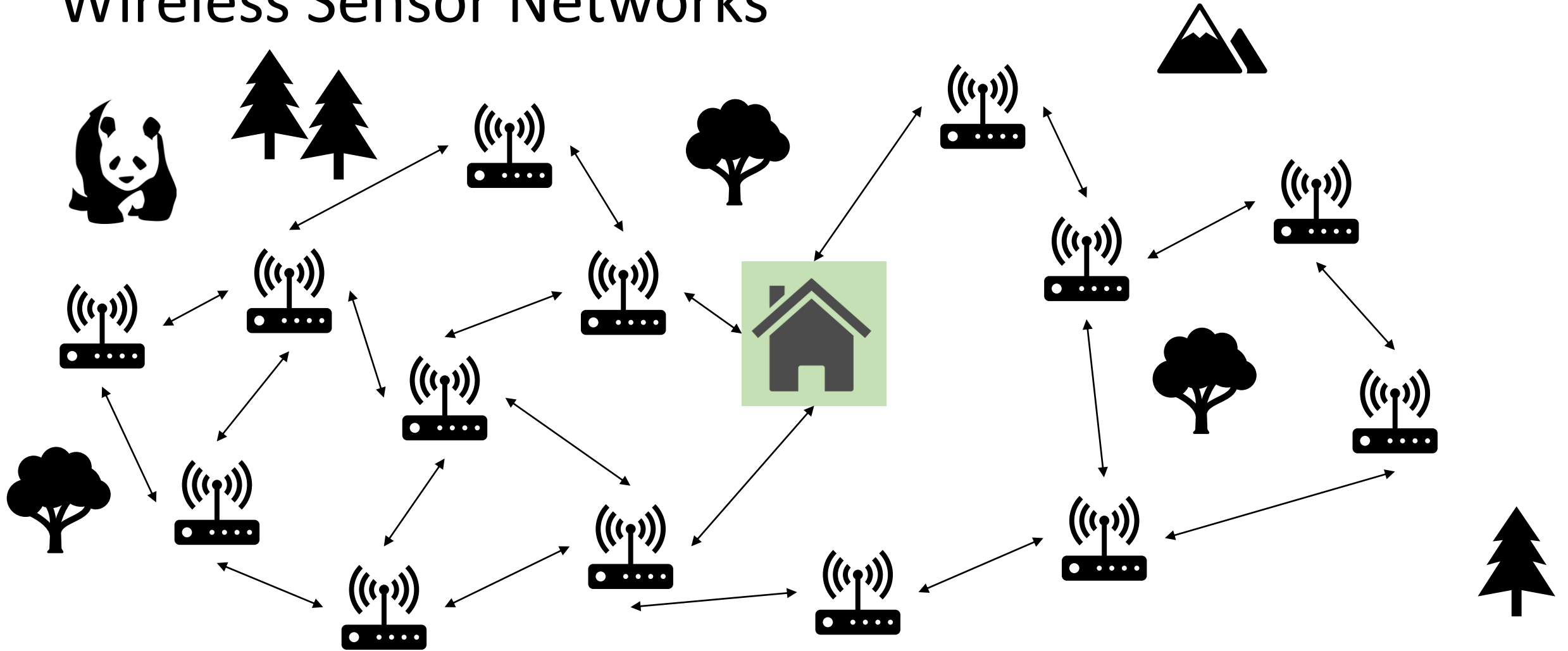
Use cheap sensor nodes instead

Wireless Sensor Networks

Poachers Will Take Advantage Of The Technology

Photo by @Amivee taken at the Wolong National Nature Reserve

Demo: A High-Tech Game Of Hide And Seek
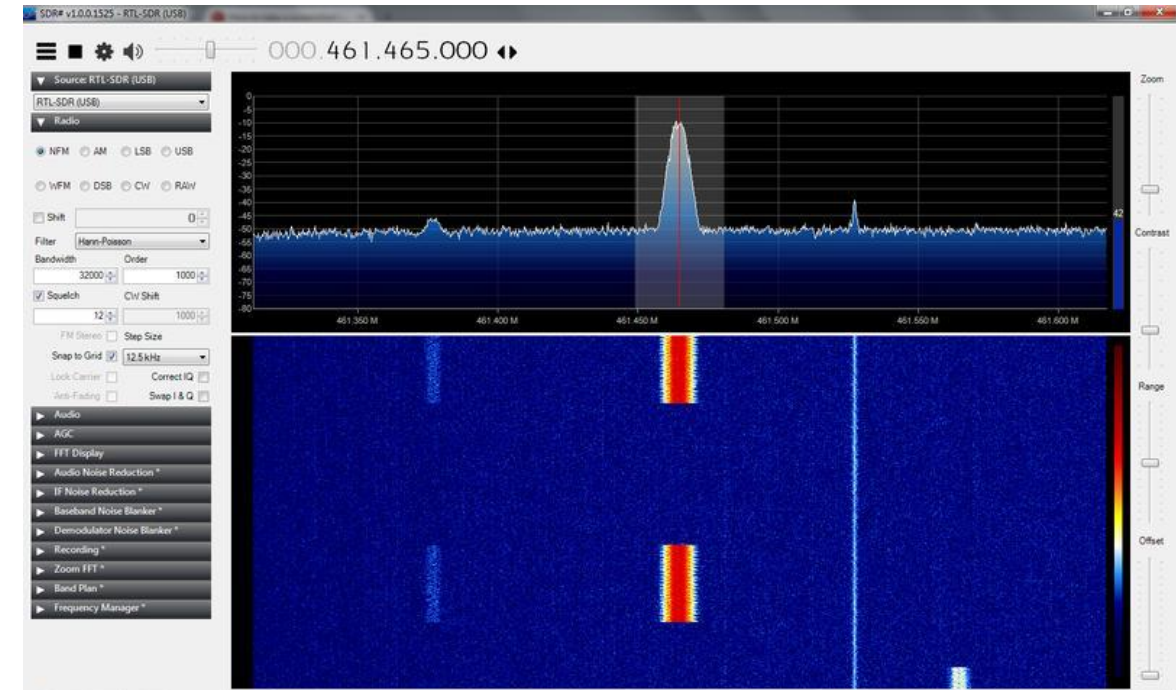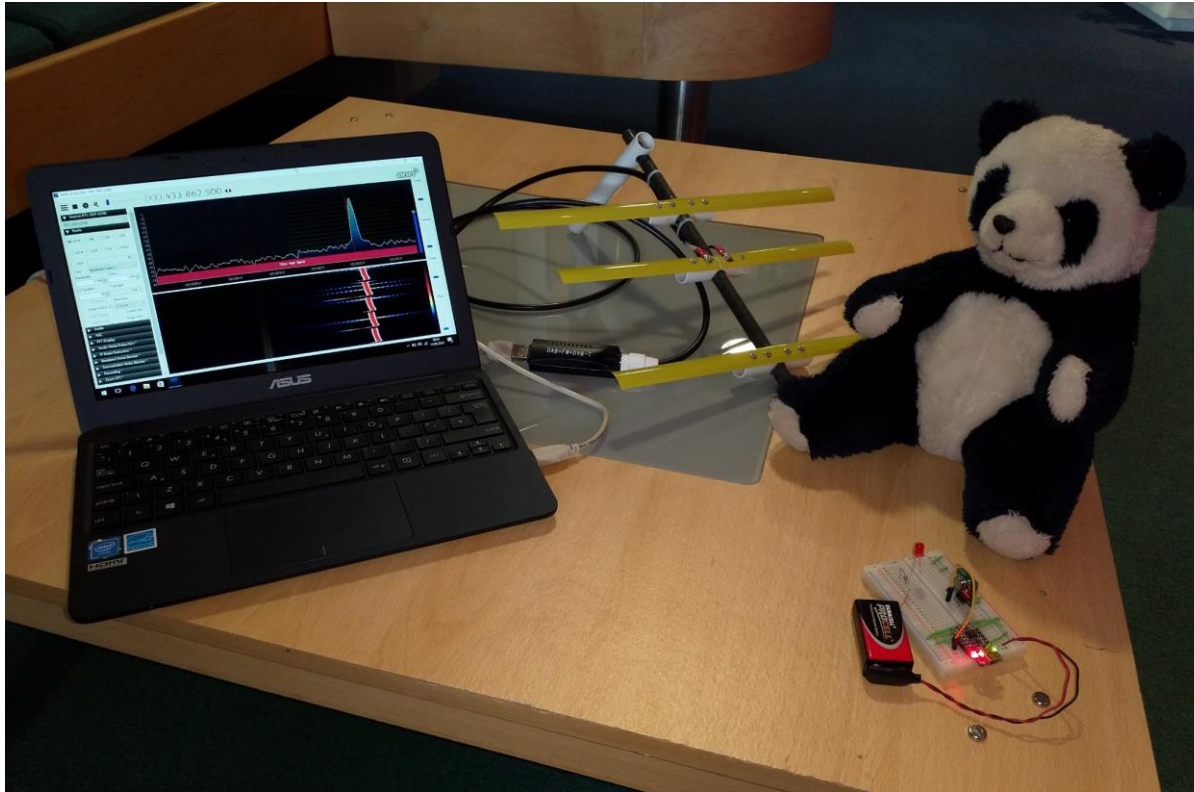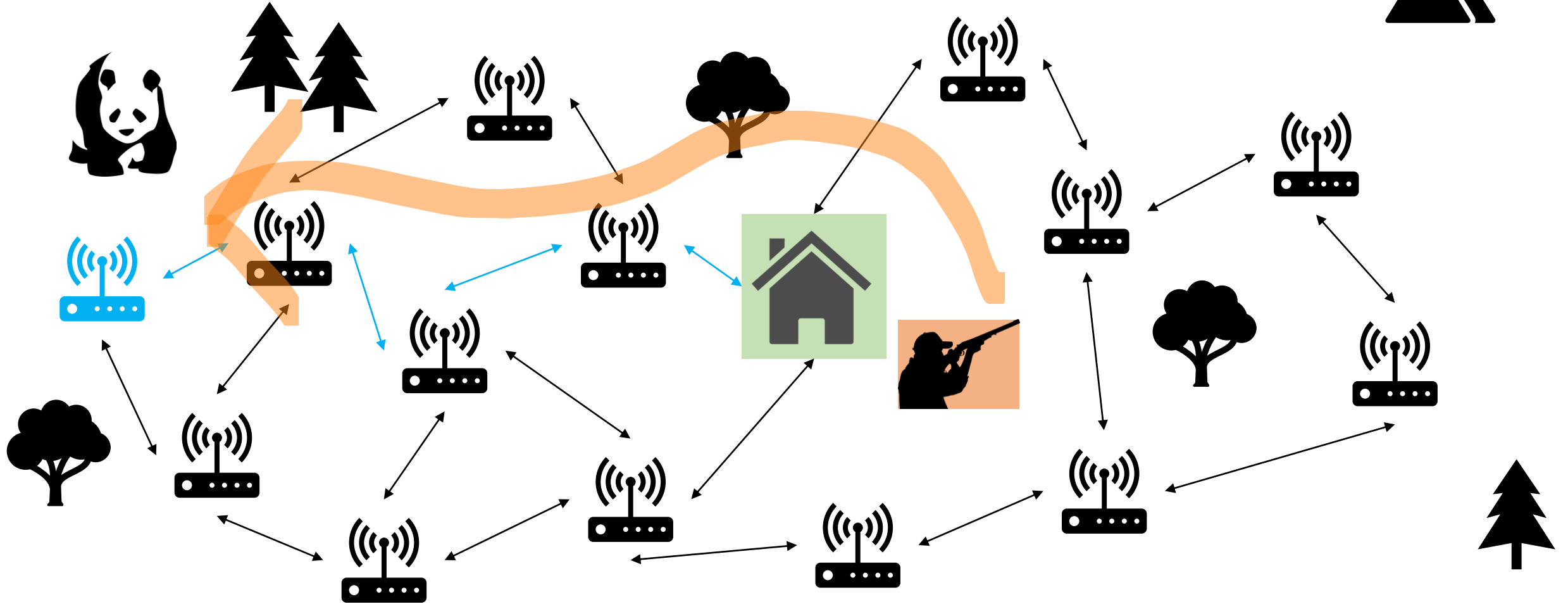
How To Stop Poachers Using This Information?
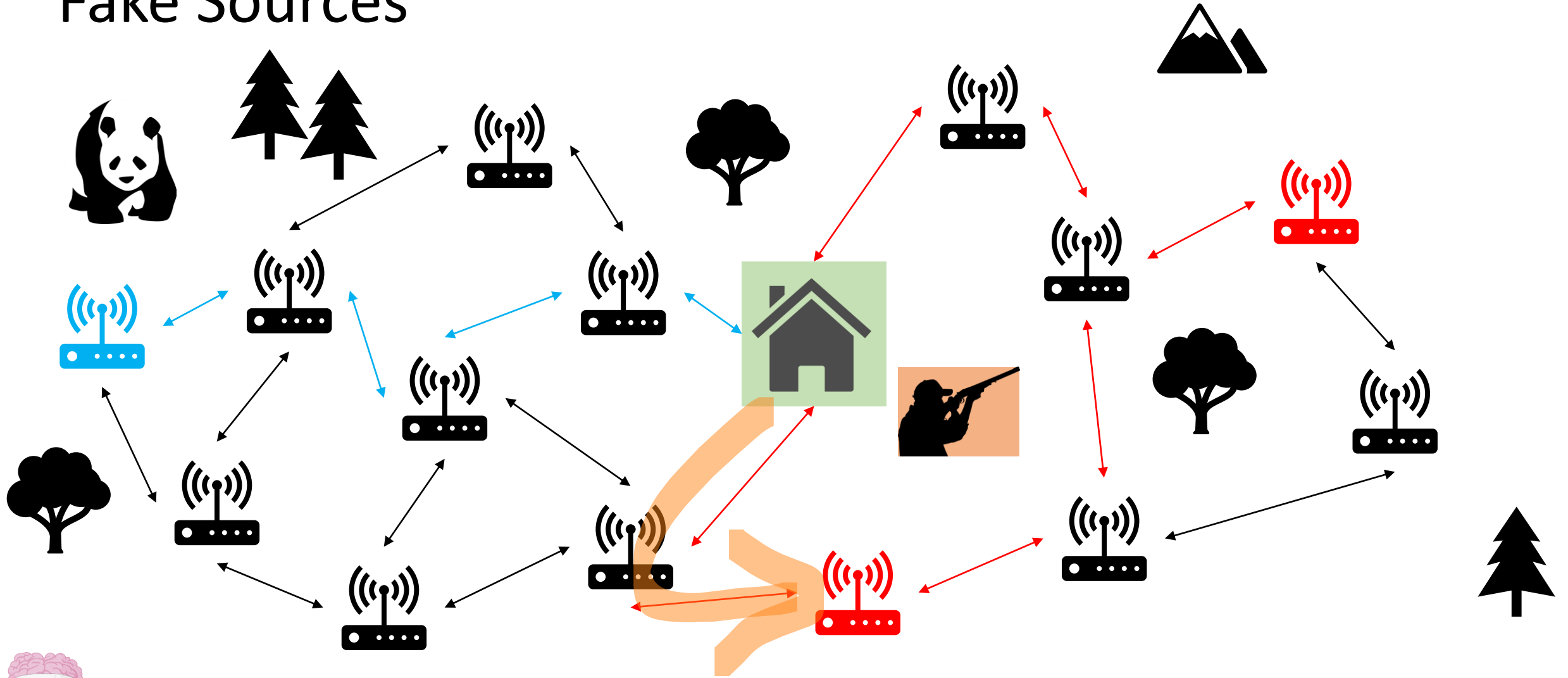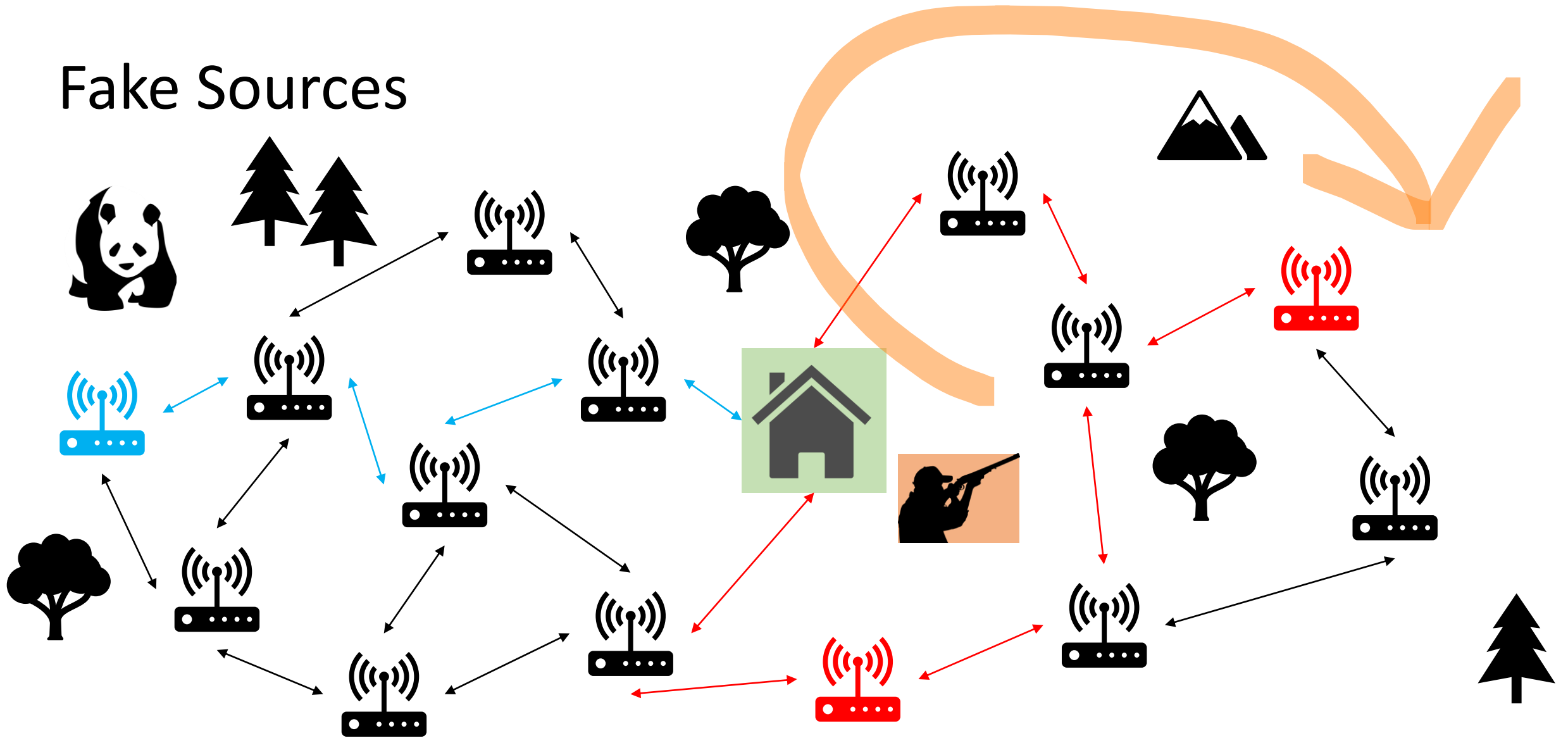
Fake Sources

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Fake Sources

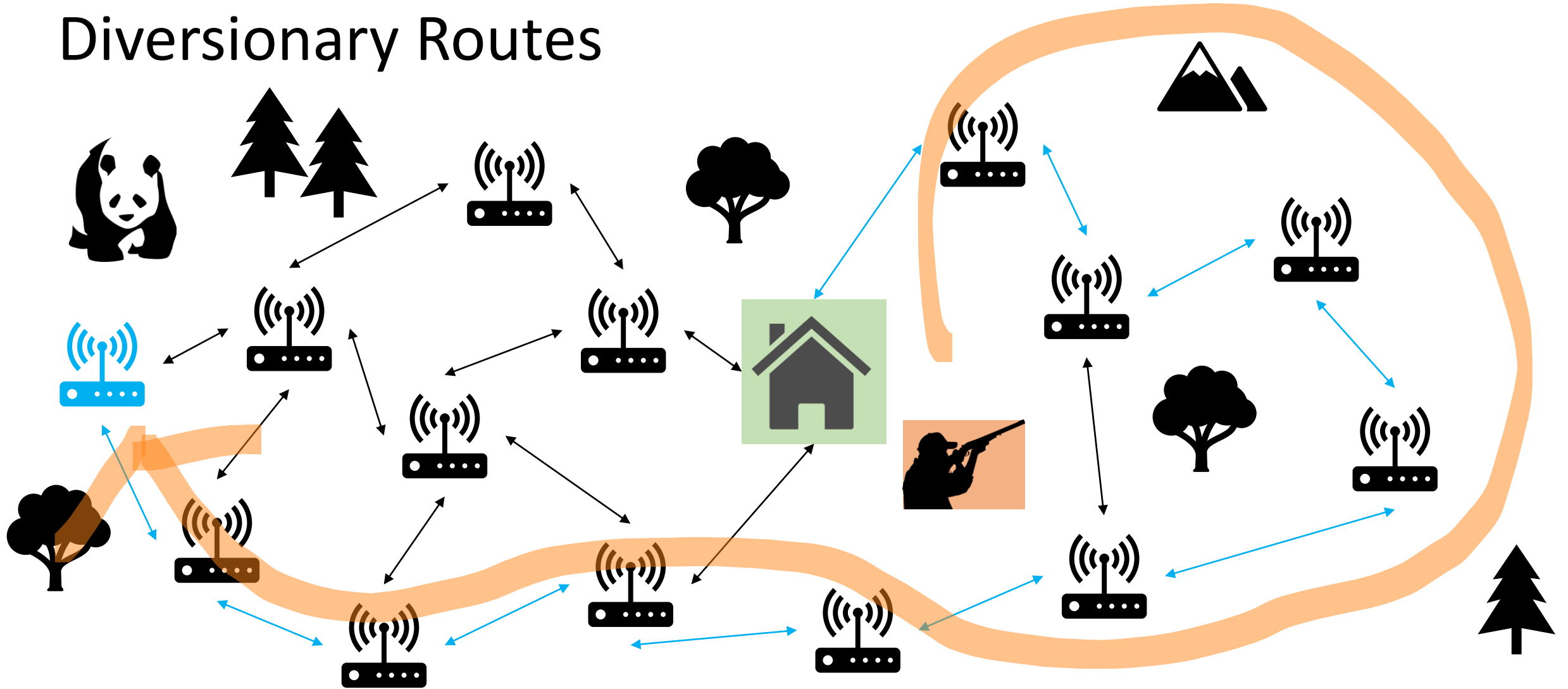@MattBradbury_ @pintofscience #pint18

Diversionary Routes

A People Component Is Still Required

worldwildlife.org/
projects/wildlife-
crime-technology-
project

Your Location Privacy Is Important Too!

Future Work: Location Privacy In Ad-Hoc Messaging
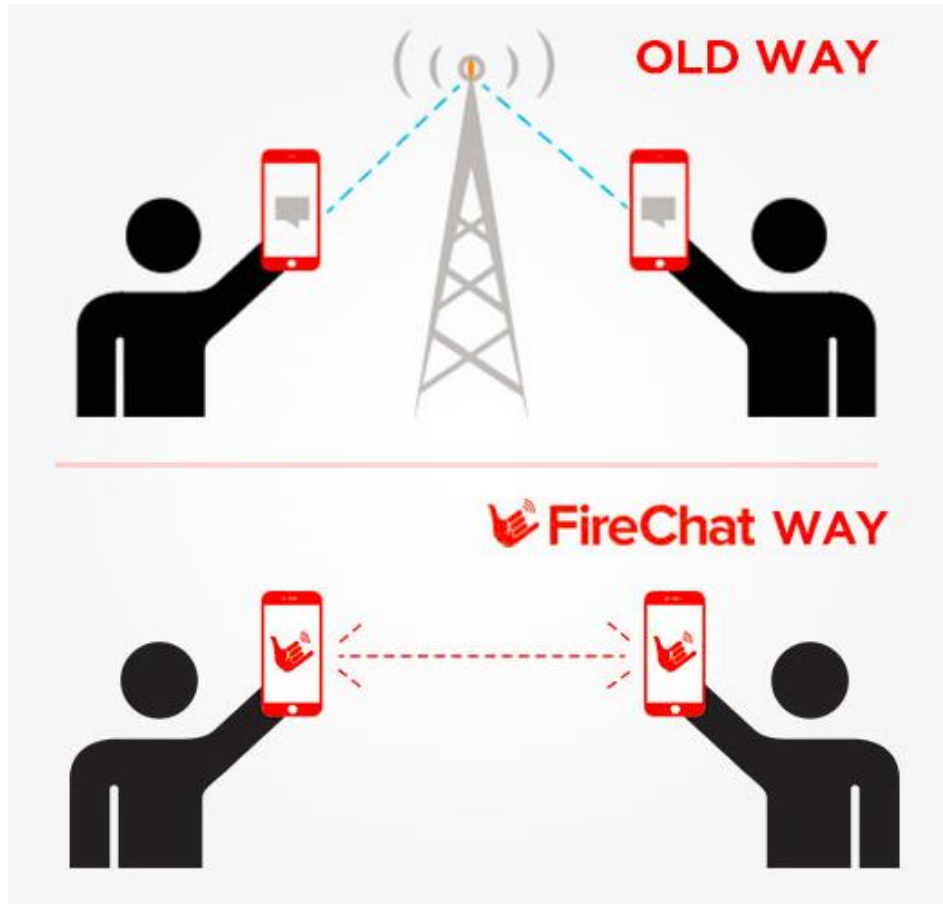
Future Work: Location Privacy In Intelligent Vehicles

Department of Transportation

Thank You For Listening!