

TEAM STR

Raspberry sensor mesh network



Objective

A dark, blurry photograph of a person's arm and shoulder, holding a rifle. The person is wearing a dark jacket with a red strap across the chest. The background is out of focus, showing some foliage or trees.

Protection of animal life by
early detection of poachers in
protected areas

Requirements



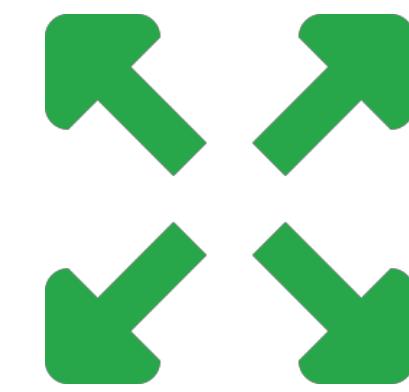
Energy efficient



Not visible



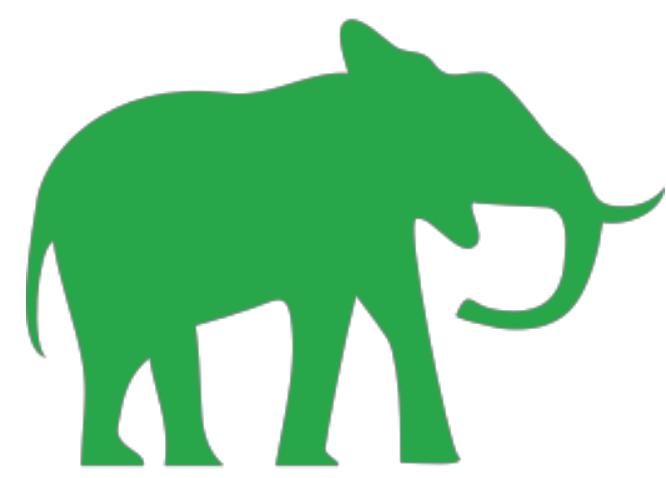
Robust



Scalable



Coverage

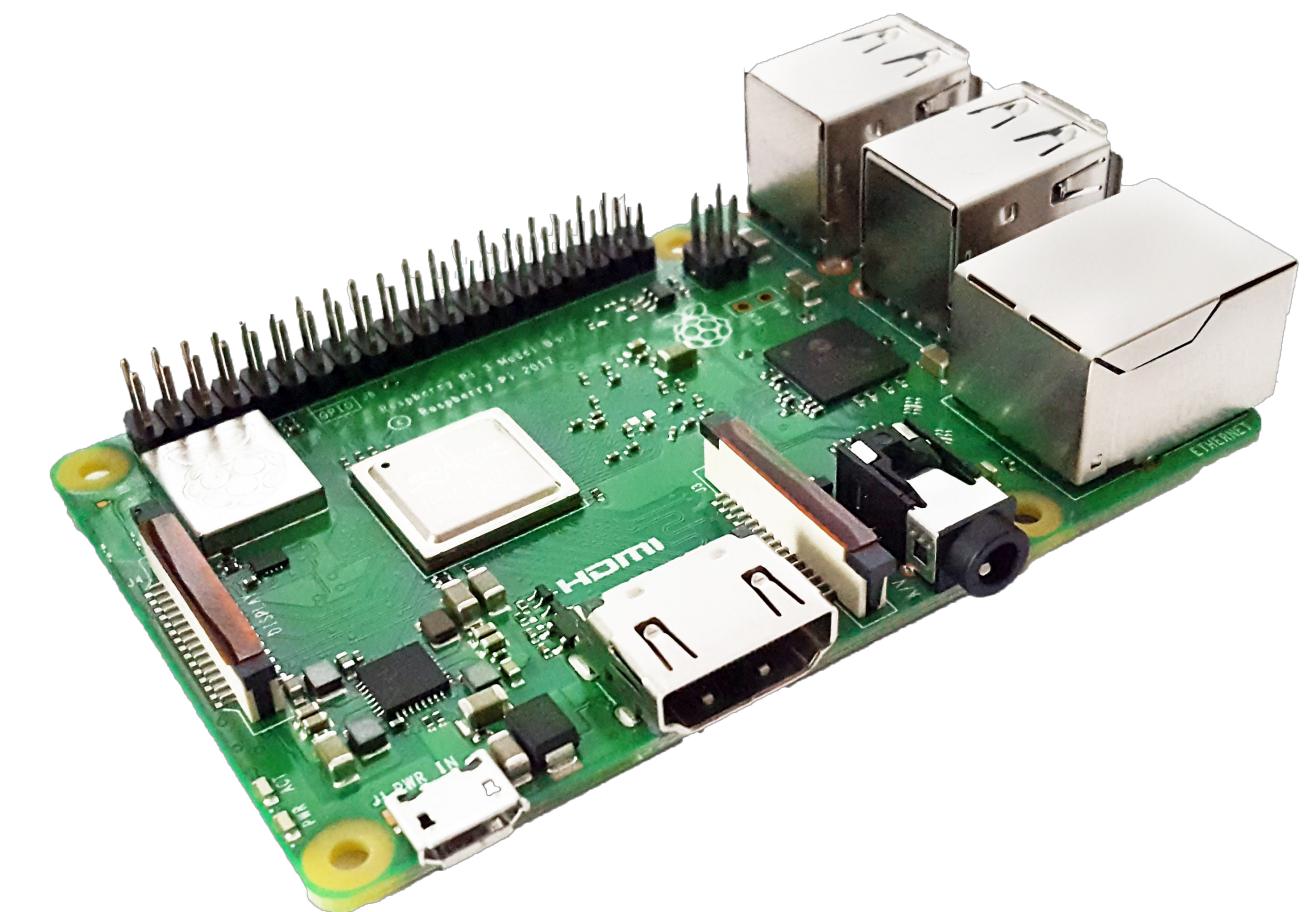
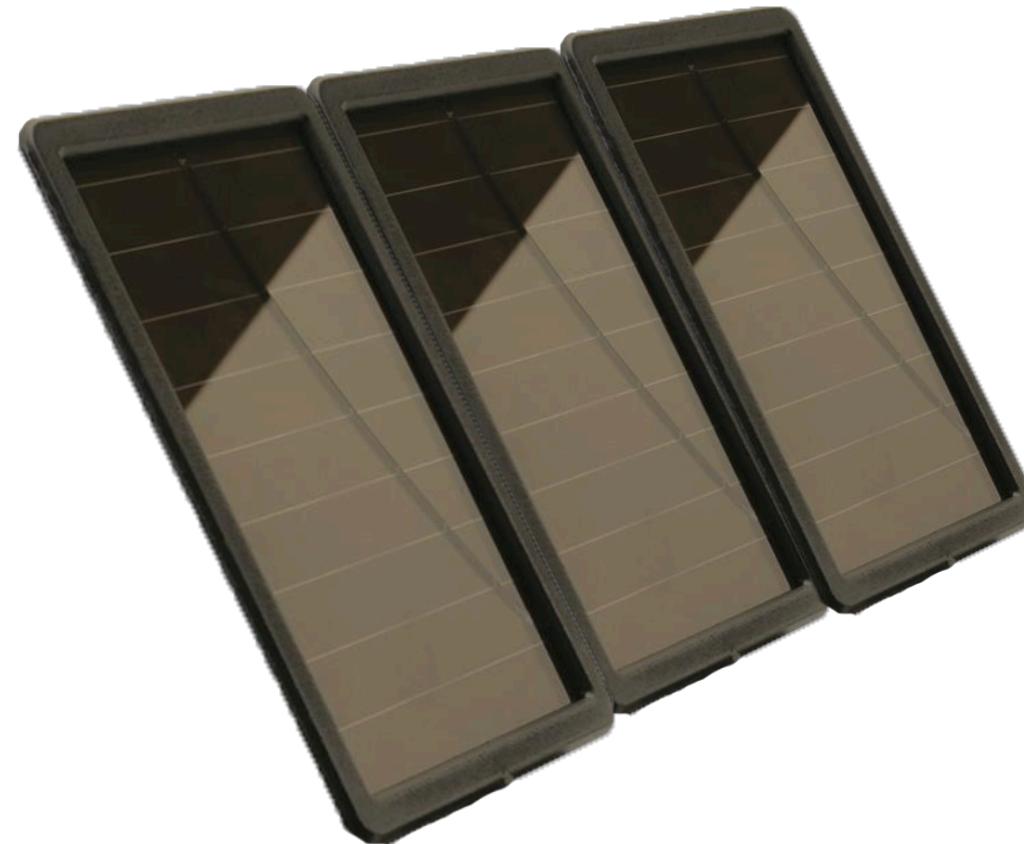


Ethical

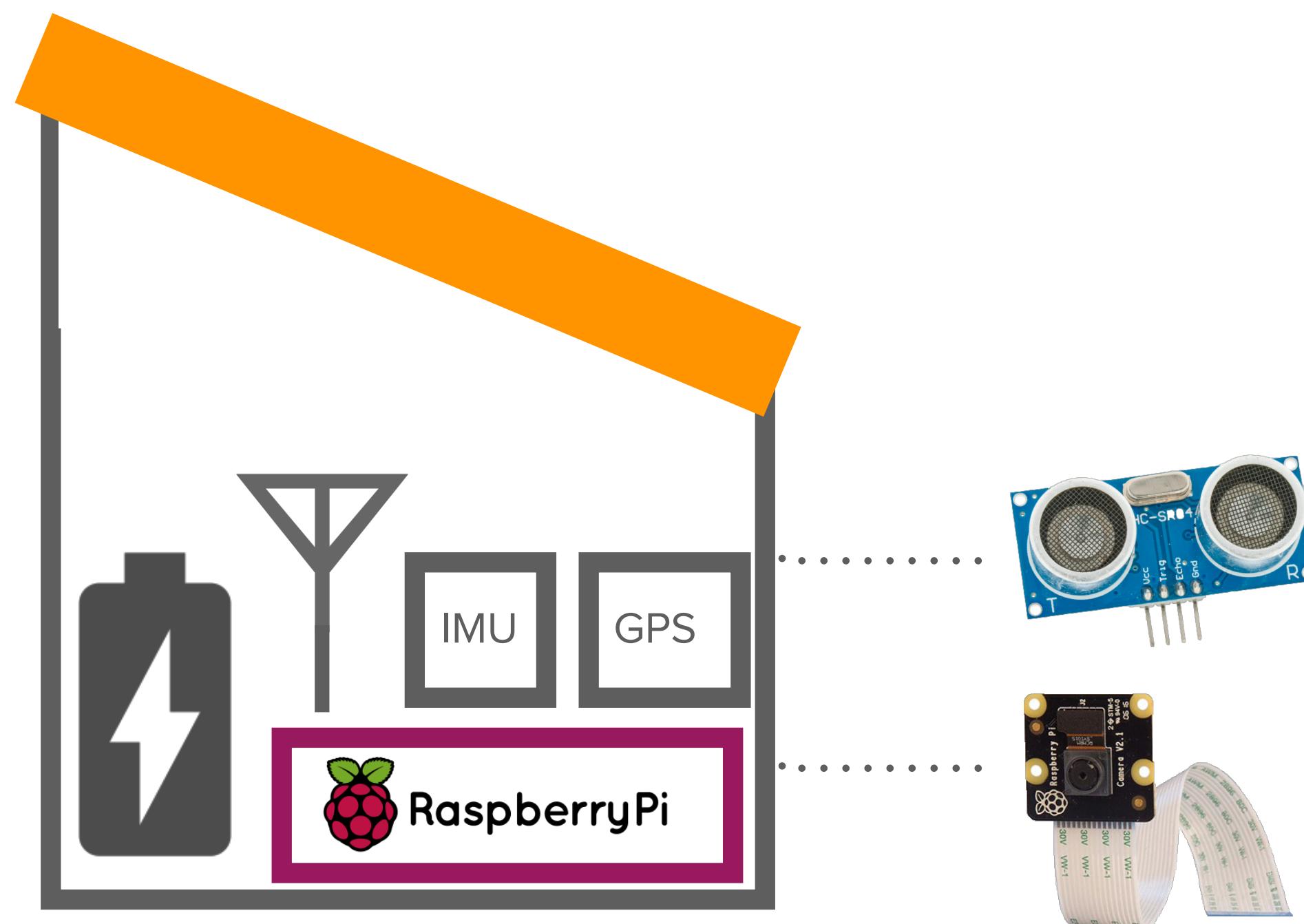


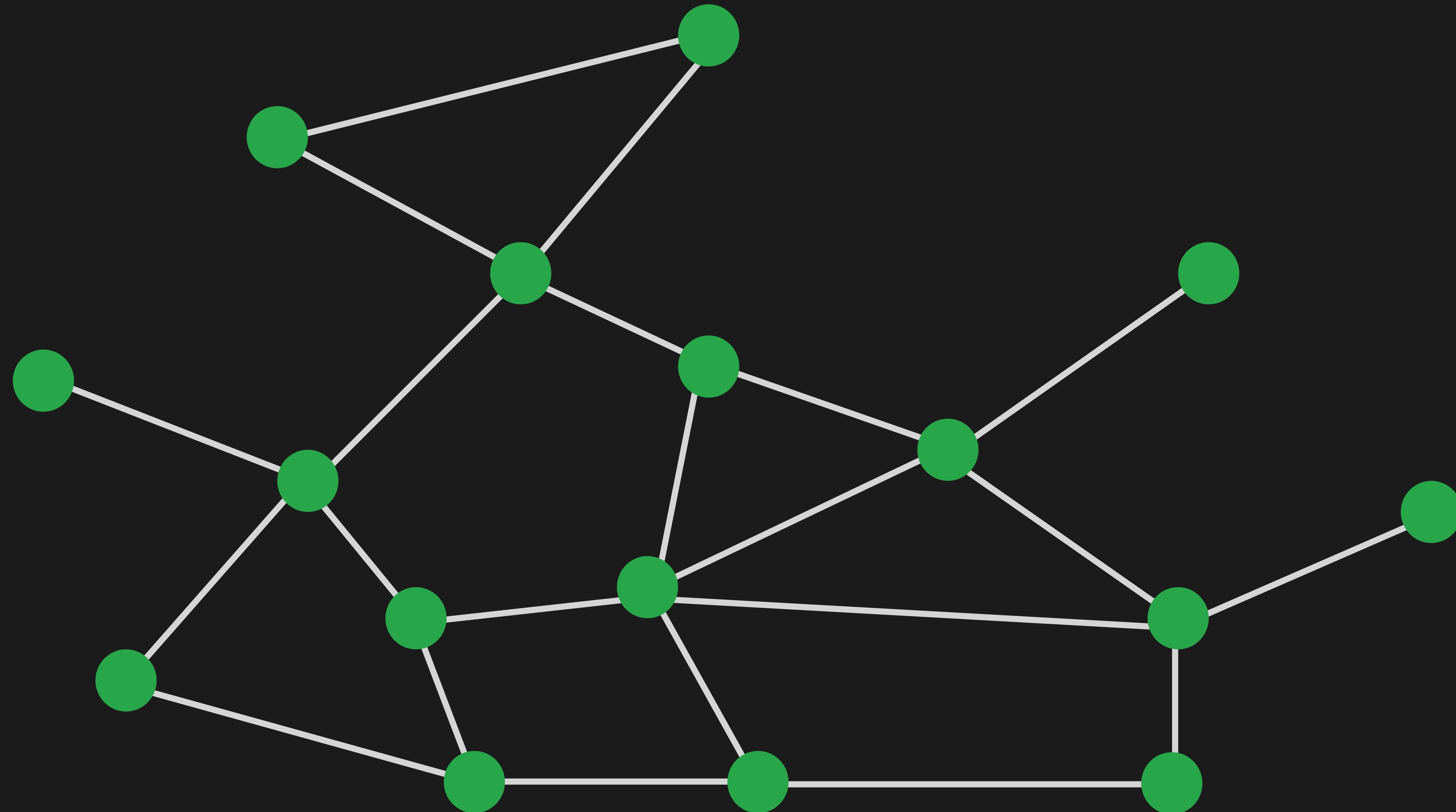
Our solution

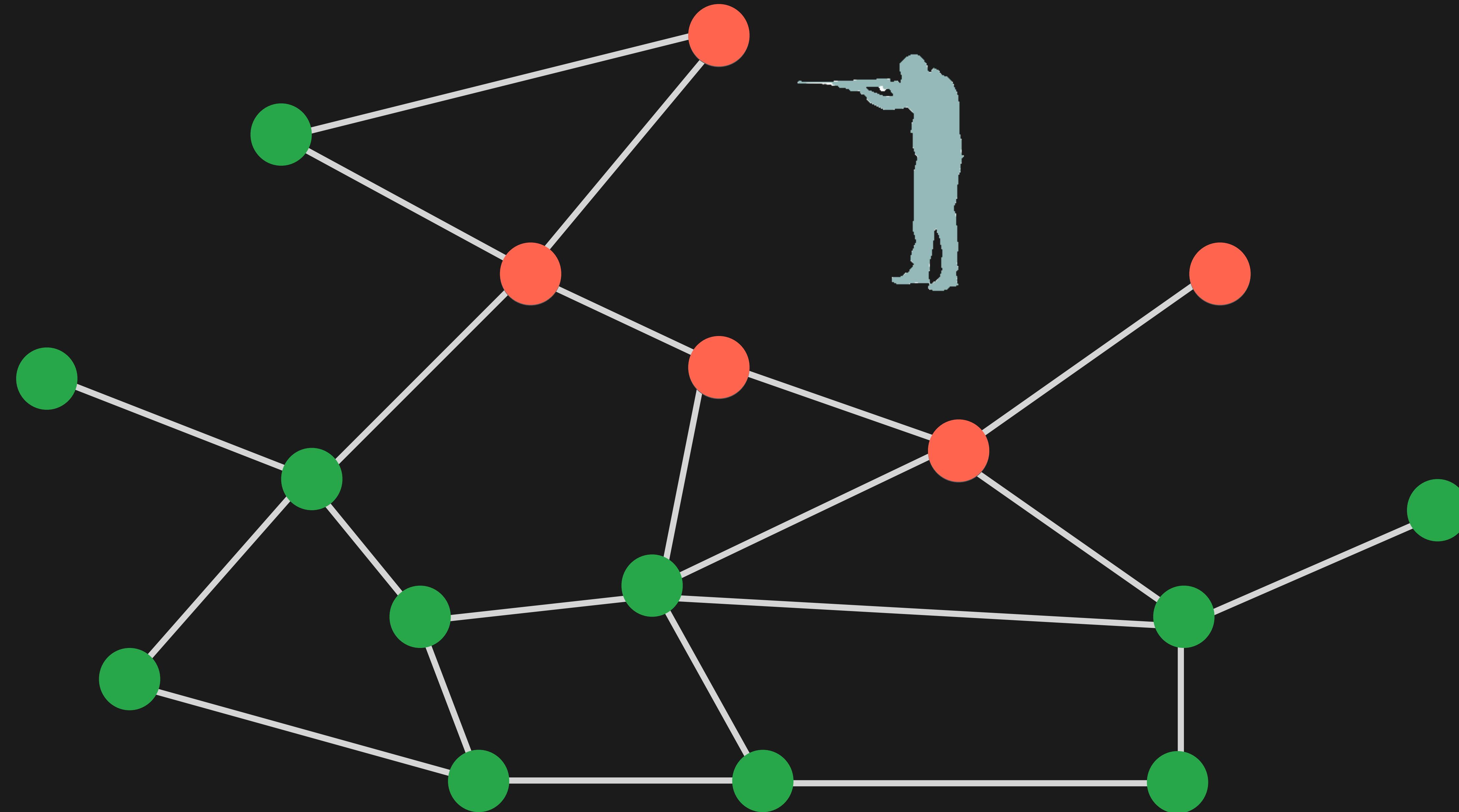
Hardware

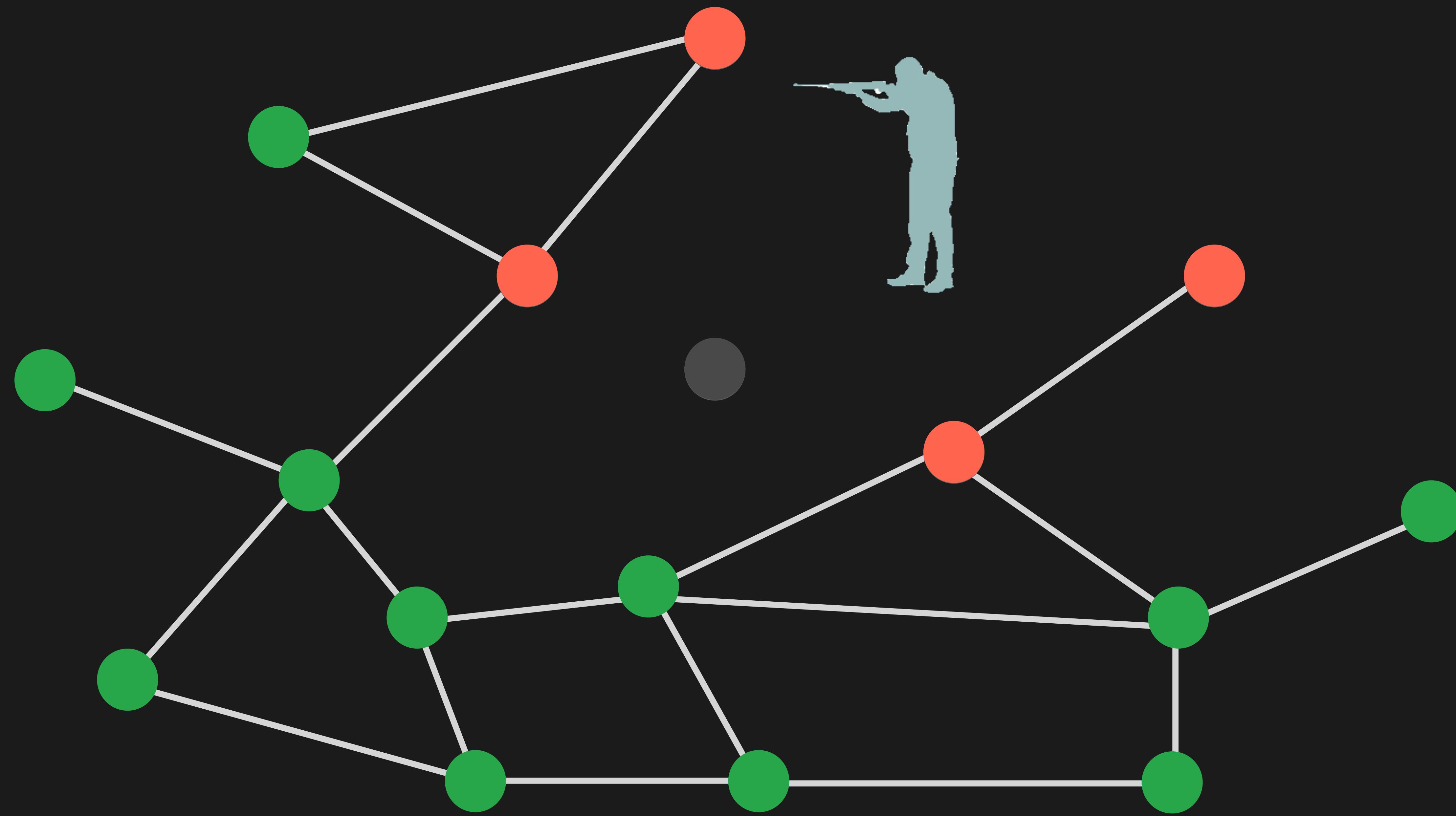


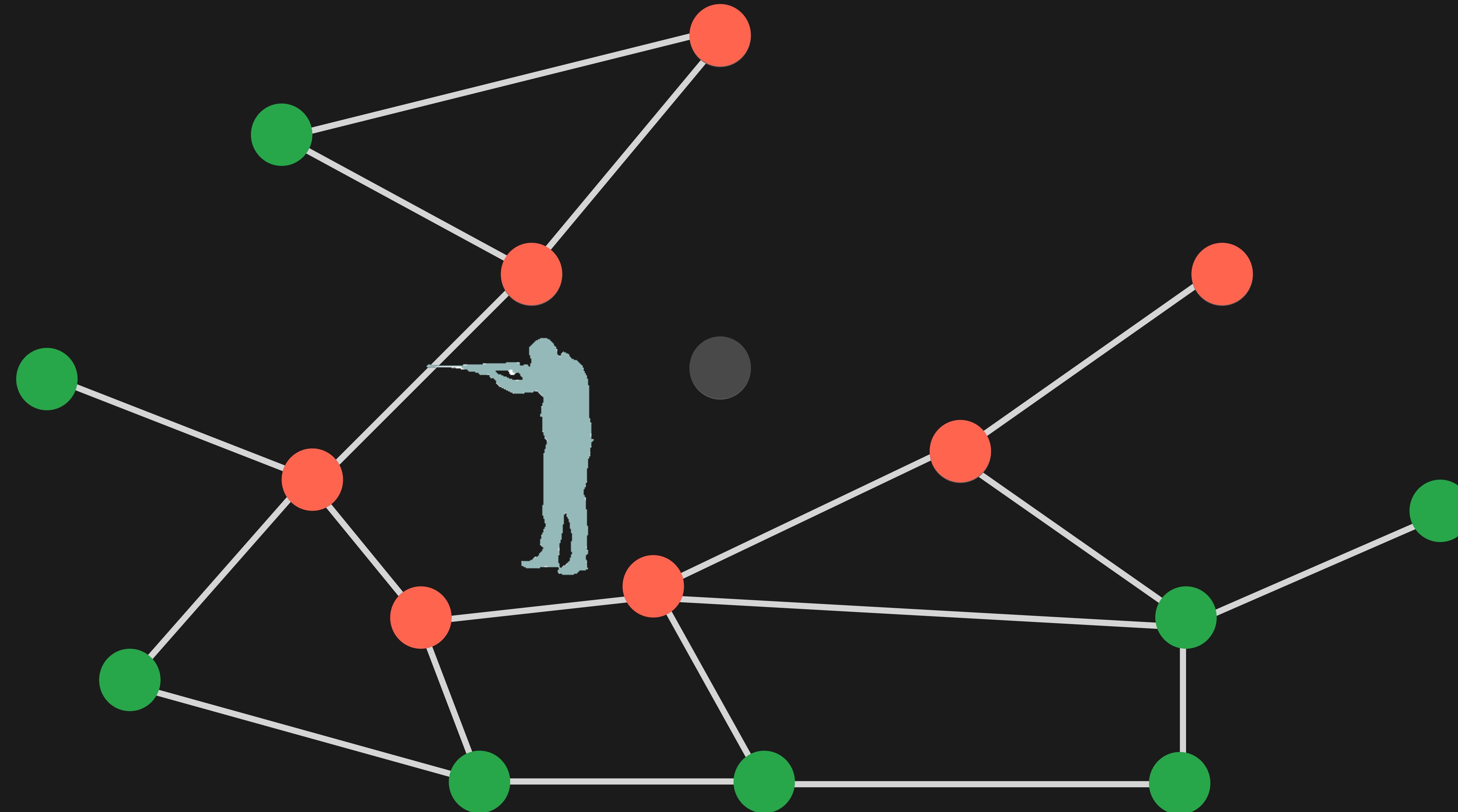
1 device for all sensors











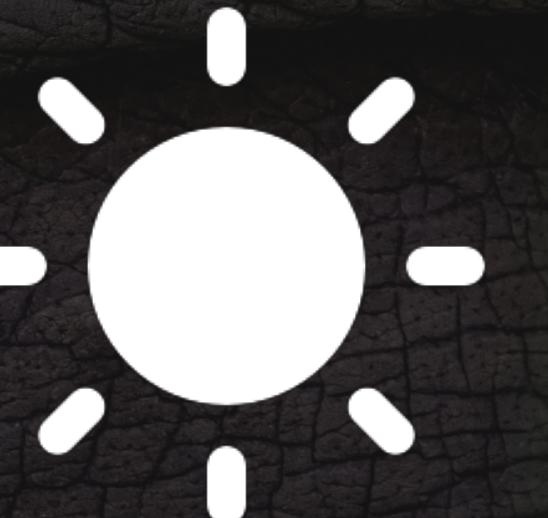
Obstacles to overcome



Research on mechanical design of the housing is needed



Advantages



The future

Information
processed by MLA

Moore's Law
Processing power
Solar cell efficiency

Updates for both
software and hardware



Save The Rhinos



Photo credits

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