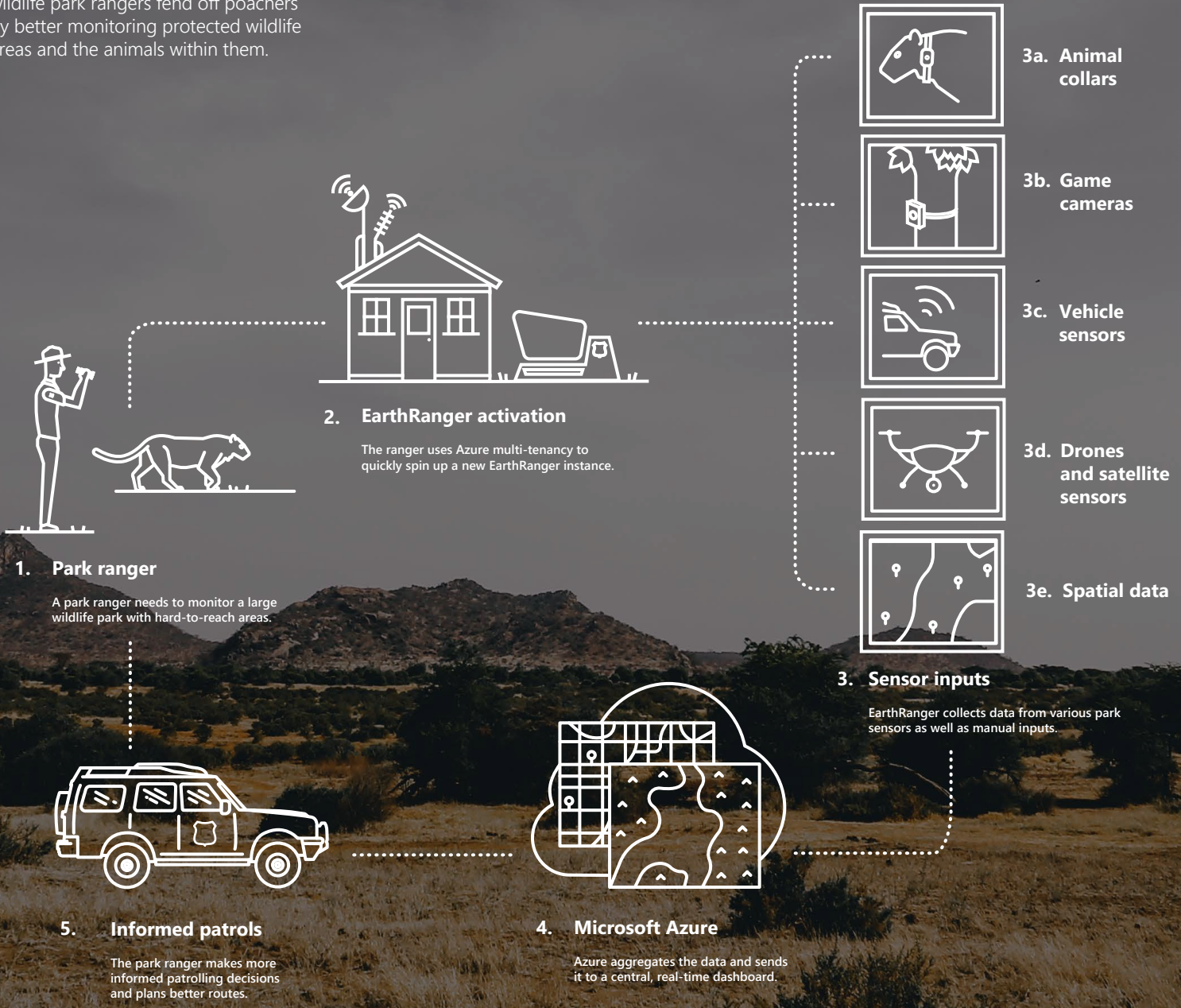


# Vulcan EarthRanger

Vulcan built EarthRanger to help wildlife park rangers fend off poachers by better monitoring protected wildlife areas and the animals within them.



## Challenge

To help park rangers better monitor wildlife areas, Vulcan built EarthRanger, a tool that collects data from various sensor inputs and feeds it back to park rangers. While it was an effective monitoring tool, replicating EarthRanger across sites was a labor-intensive process requiring park rangers to manually configure new systems.

## Solutions

Vulcan migrated EarthRanger to Azure to improve its scale and efficiency through multi-tenancy. Park rangers can now spin up new EarthRanger instances anywhere within seconds, immediately gaining access to real-time information streaming in from various sensor inputs. The data is aggregated into a central dashboard where park rangers can make sense of their data—and make more informed patroling decision.

