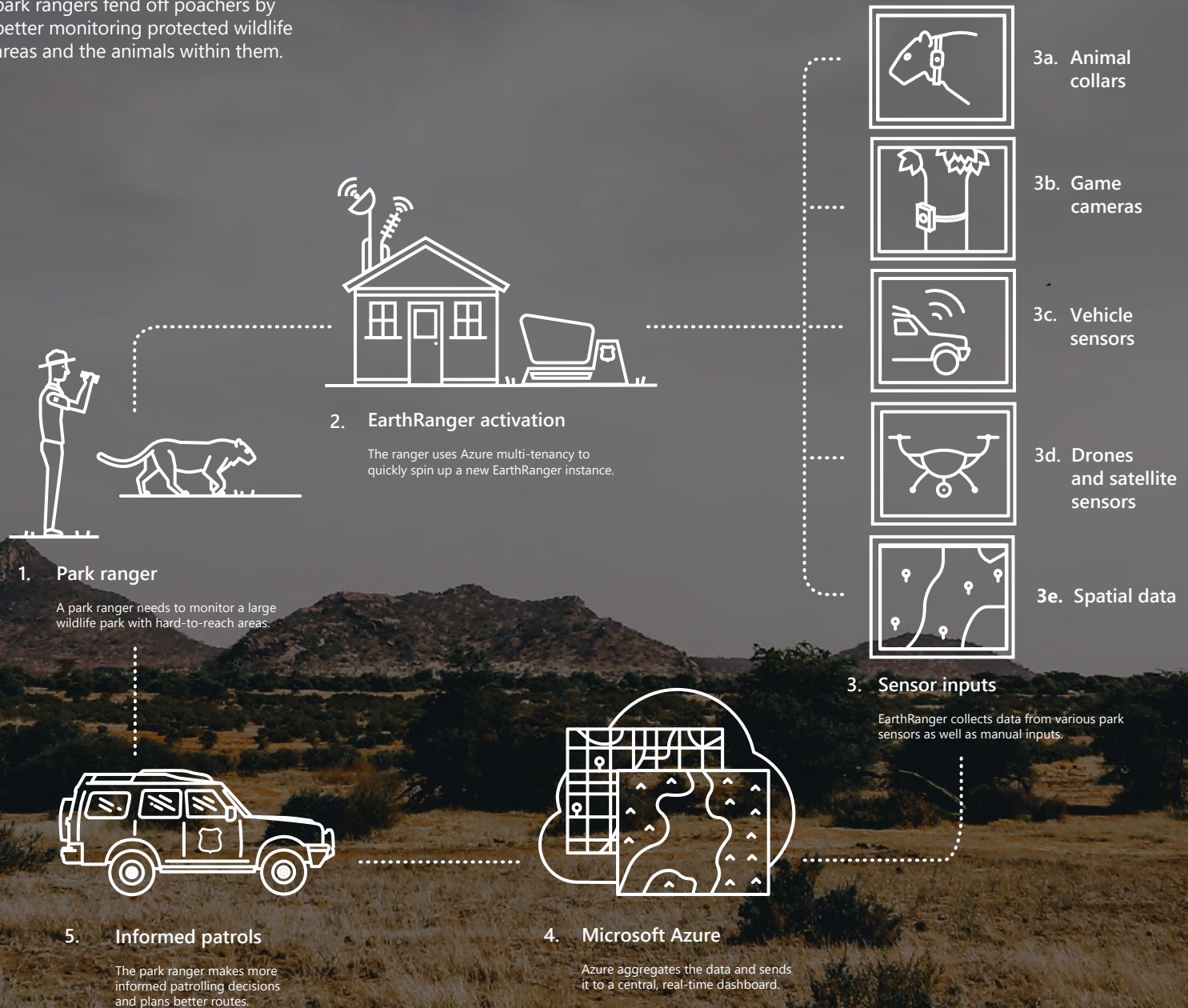


Vulcan EarthRanger

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 patrolling decision.

