rightmove⌂

How Rightmove Ensures Always-On Experiences for 2+ Billion Annual Site Visits

Andrew Tate, Head of Technology Operations

RoachFest 24

The UK's number one property marketplace
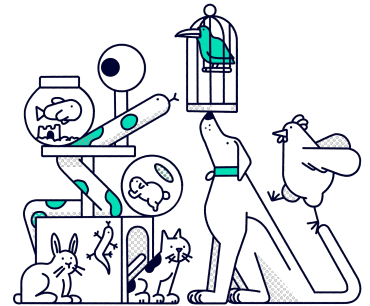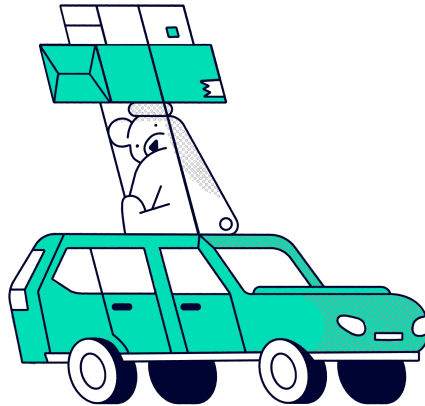
- 34 million searches per day

- 10K properties per day

- 1.3 billion minutes spent on the site every month

- 20ish Product Teams
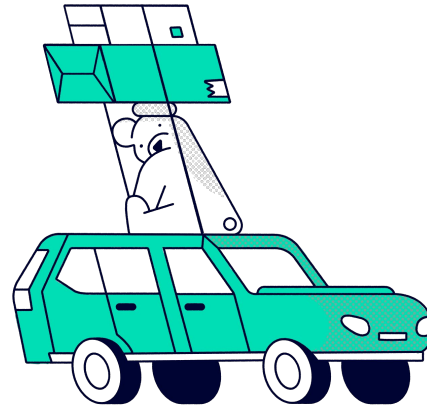
- 200+ Engineers

- 99.99% uptime

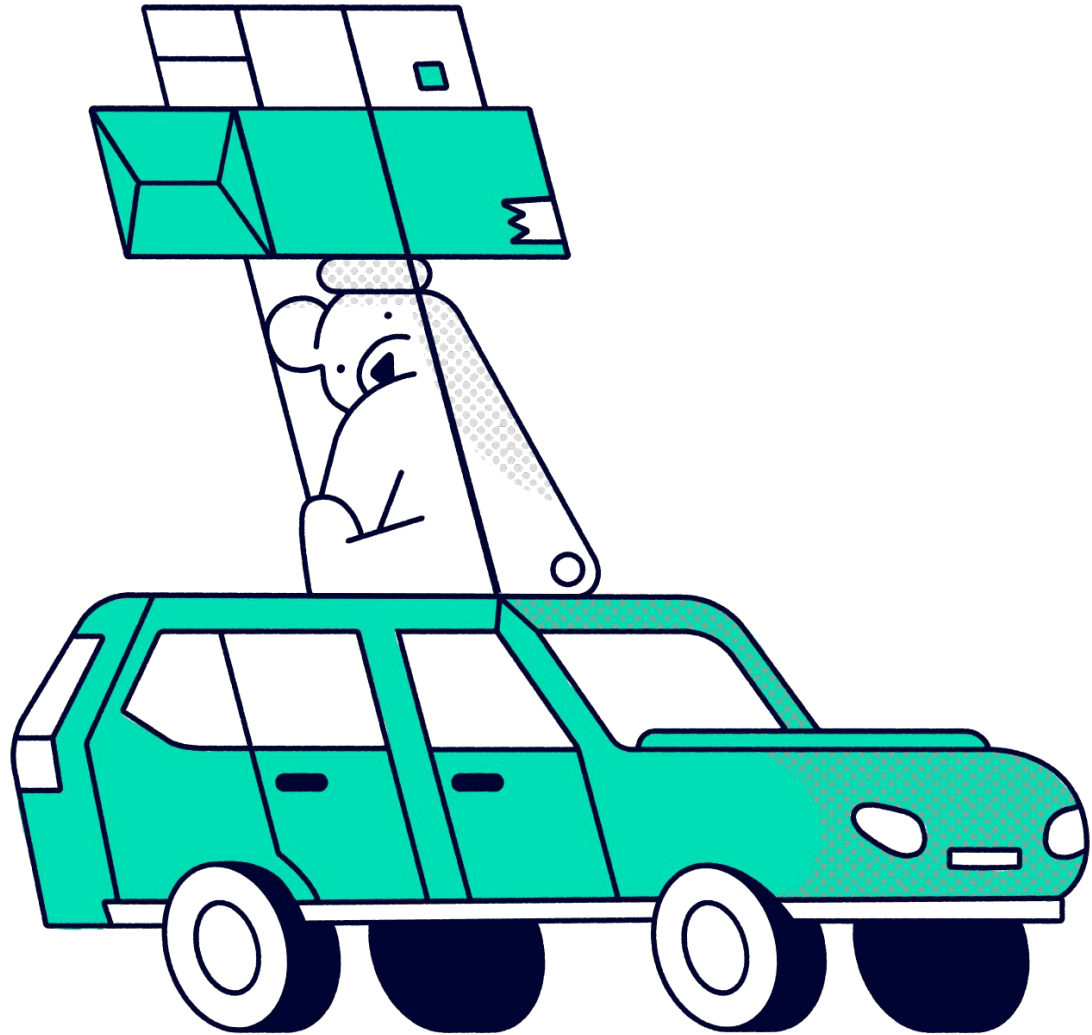# More than just a property portal

- 1PB of data in total
- 20+ years of property data history
- 80 million listings

Challenges

- Overheads of an active/active/active datacentre architecture

- Two-week release cycle for database changes

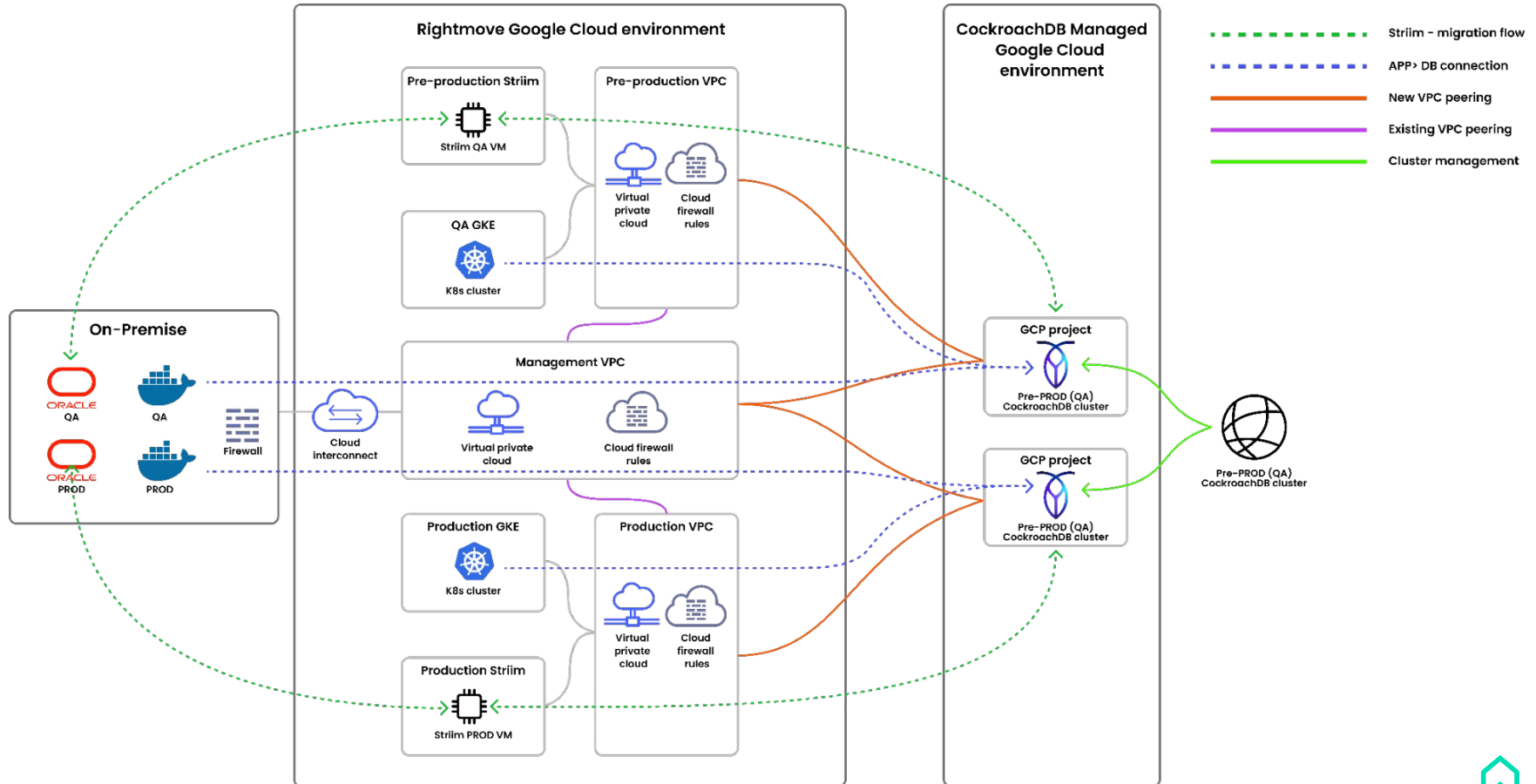- Portability and regional resilience for cloud

Why CockroachDB

- High performance resilient databases

- Capability that evolves with our needs

- Increased velocity and autonomy for teams

- Reduced complexity

- Speed of innovation

Architecture

Learnings and experience

- Great support, great team

- Some things you need to be more conscious of

What's next

- Migrating remaining microservices

- Refactoring legacy application and databases

- Using GenAI to leverage our unstructured data

AI presents us a wealth of opportunity, both near and medium term

Identified over 100 opportunities → 12 experiments and counting... → Building our capability

Solutions being explored in 2024

Deliver value for customers — 5

Enhance our consumer experience — 8

Drive internal efficiency — 6