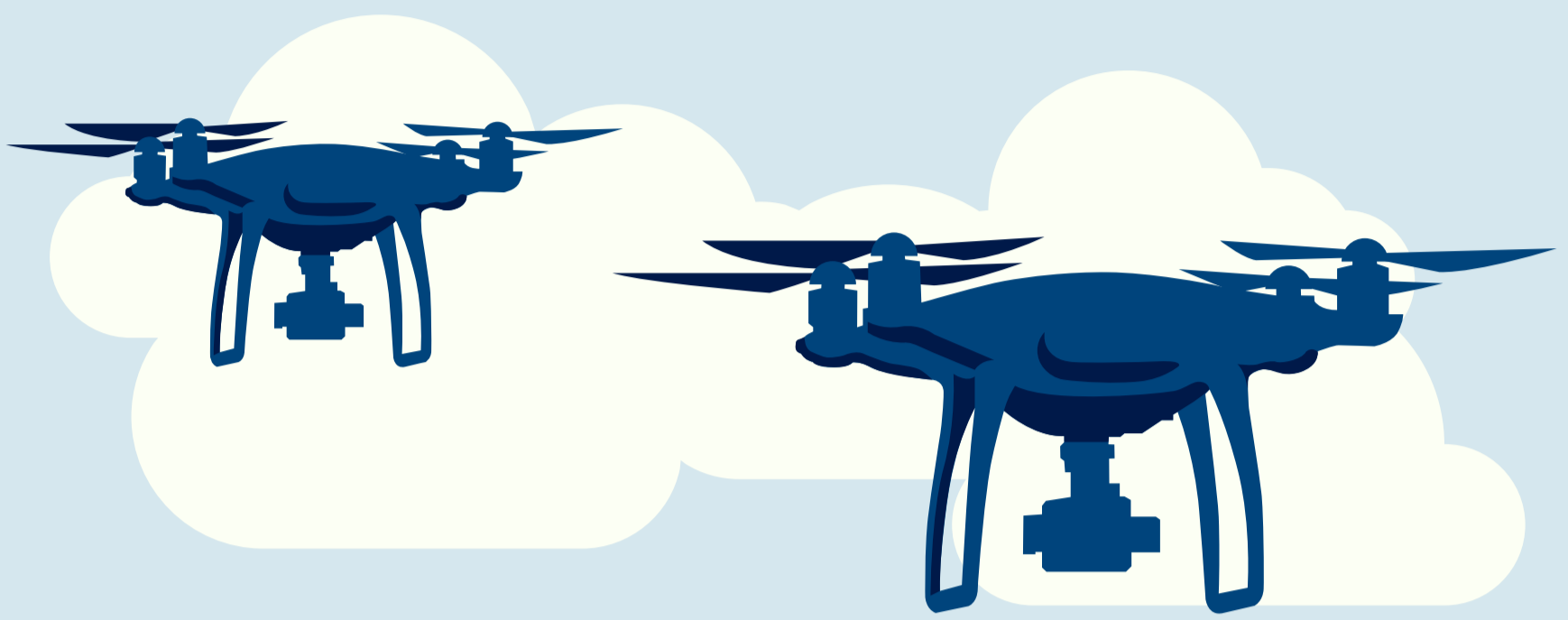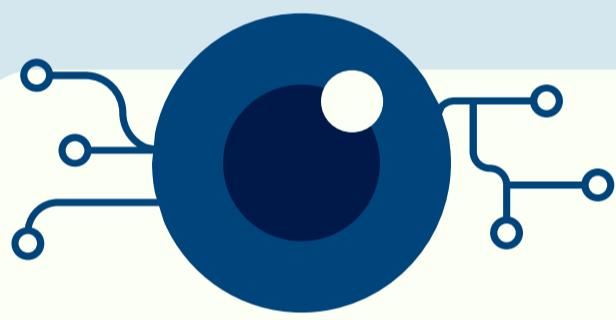ARTIFICIAL INTELLIGENCE
By John Binks

HOW DO AI BASED
Drones work?

Drones are aerial platforms used for a variety of purposes. When first developed, these devices were manually, remotely controlled. Now, drones often incorporate artificial intelligence, automating operations.

But... How?

AI-based drones rely largely on computer vision and sensors. This technology enables drones to detect objects while flying and allows the analysis and recording of information on the ground.

Computer vision

Works through high-performance, onboard image processing performed with a neural network. A neural network is a layered architecture that is used to implement algorithms in machine learning.

Sensors

Are used to collect all the data that is processed by drone systems, including visual, positioning, and environmental data. This data is fed to machine to determine how a drone should respond.

You can
Fly me to
the moon!