

Dronected

5G connected drones give search and rescue pilots powerful new tools to save lives

Problem

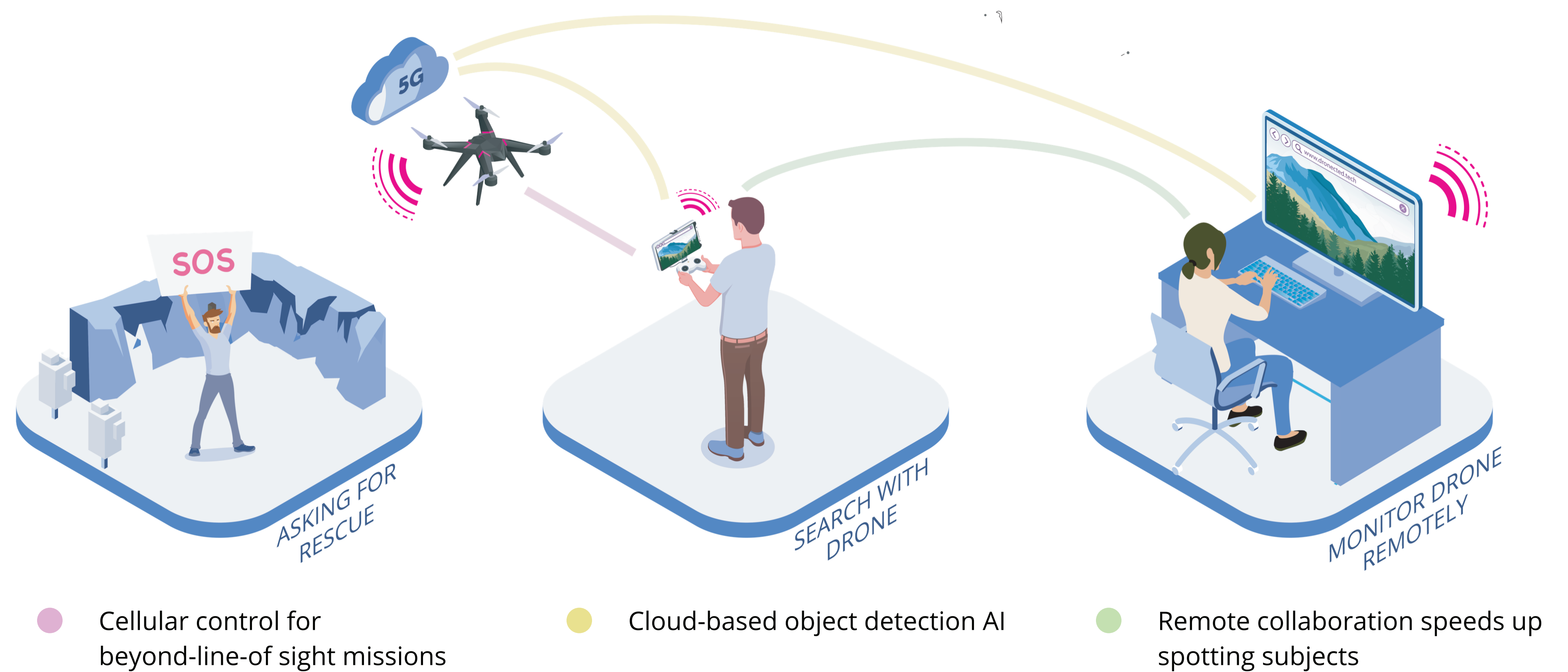
Drones are an increasingly vital tool for search and rescue (SAR) operations, but they still have serious limitations. Pilots must split their concentration between flying the drone and scanning the video feed on small screens, or they must physically transfer higher quality video to a computer to take a closer look, wasting precious hours when lives are on the line.

Solution

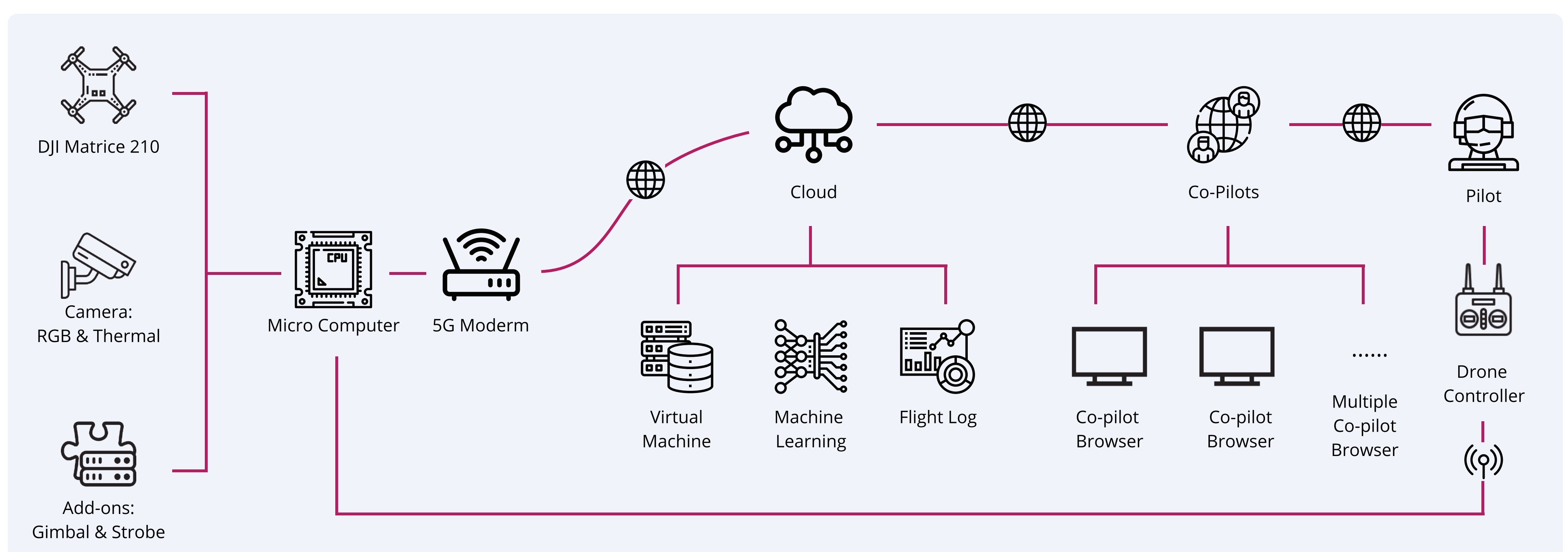
Connecting drones to the 5G cellular network opens up a world of possibilities. High-bandwidth data feeds allow a new cooperative workflow where the pilot can focus on flying and search and rescue experts can assist in navigation and spotting from anywhere in the world. Cloud computing allows powerful AI assistance without expensive hardware. Advanced drone capabilities are freed from proprietary systems and can be added to any drone. 5G gives search and rescue personnel the tools to save more lives.



User Scenario



Solution Diagram



Process

