CELTIC-NEXT
Σ eureka Cluster

DRONaaS

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Drones as a Service

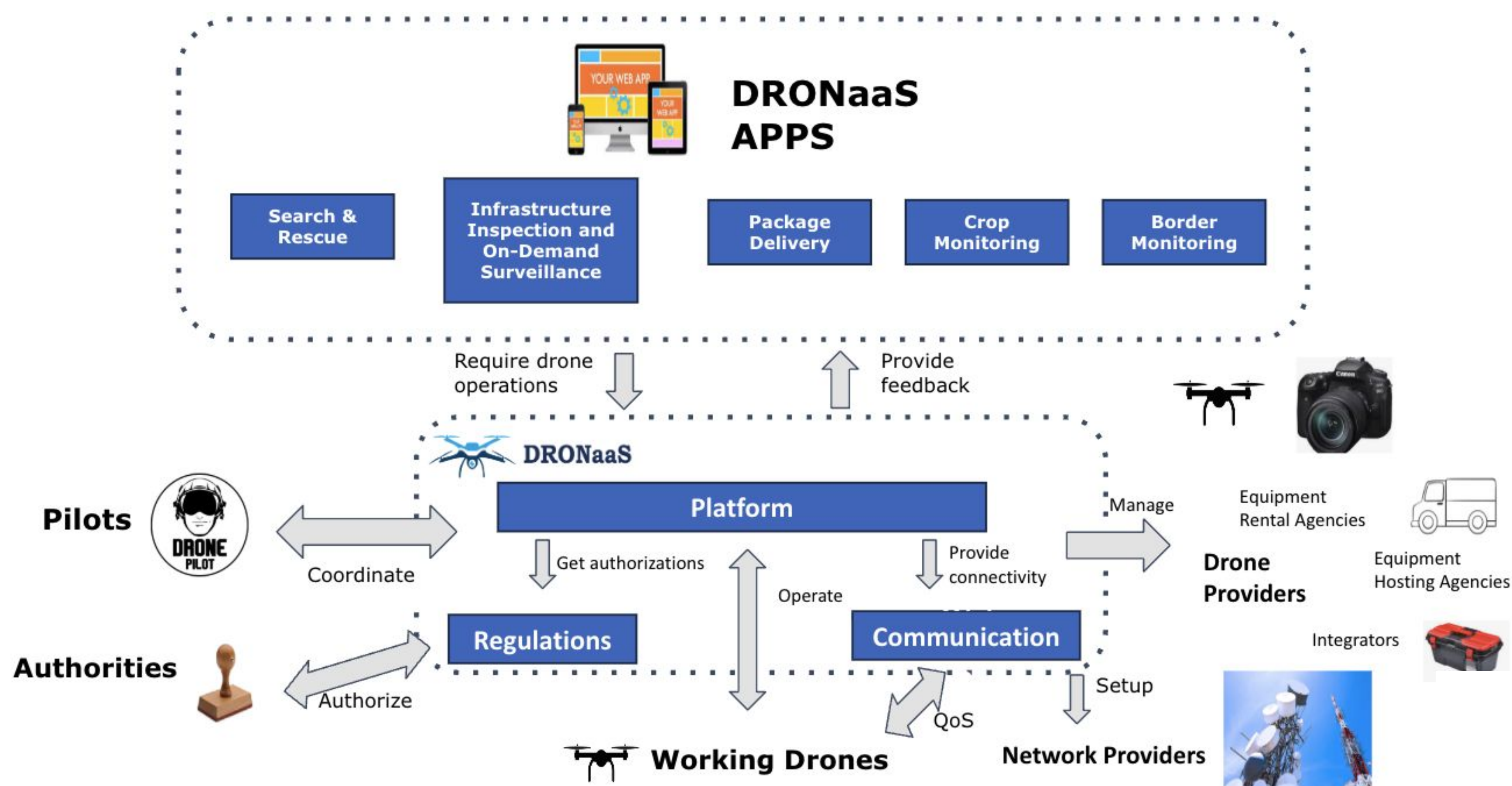An API to run jobs with drones

Imagine:

- Amazon using DRONaaS API to serve your next purchase.
- Satellites detecting plagues in crop and sending drones to treat them.
- Security alarms triggering surveillance with drones.

The global drone market is expected to reach $163.6 billion by 2030

Want to join?

Connectivity: SW and platform that integrates with telecom providers to allocate reliable 4G/LTE and 5G connectivity and anticipates issues.

- **Resilience:** Ensure the drone can operate safely in scenarios where GPS or network is lost or not available.
- **Autonomous Navigation:** enable drones to independently plan, adapt, and execute routes using onboard sensors and AI

DRONaaS APPS

| Search & Rescue | Infrastructure Inspection and On-Demand Surveillance | Package Delivery | Crop Monitoring | Border Monitoring |

Require drone operations

Provide feedback

DRONaaS

Pilots — Coordinate — **Platform**

Get authorizations — Provide connectivity — Manage

Authorities — Authorize — **Regulations** — Operate — **Communication**

Equipment Rental Agencies

Drone Providers

Equipment Hosting Agencies

Integrators

QoS — Setup

Working Drones — **Network Providers**

Contact

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