

D13 Receives U.S. Patent for Scheduling Resources in Cloud Networks

Highlights:

- New Patent Granted for Advanced Networking used in Distributed Counter-Drone Networks
- Patent covers ground-breaking technology enabling efficient routing, storage, and computing in Cloud networks
- Patent also covers technology that enables significant increase in data bandwidth for streaming media services over the Internet and wireless networks.

Perth, WA and Columbia, Maryland USA: Department 13 (D13) (ASX:D13) - Counter drone technology company, Department 13 ("D13" or "the Company"), has been issued U.S. Patent No. 9,774,505 titled "Content delivery in wireless wide area networks," under our license agreement with GenghisComm Holdings. This patent is on technology that will further enhance D13's drone defence capabilities and advanced communication networking. In particular, this technology addresses a key component in D13's Counter Drone Defence Solution for managing large sensor arrays used to detect and track Drones, as well as our strategic networking solutions products.

In Cloud Computing, computers, storage devices, and network hardware cooperate to serve a large number of end users. However, scheduling network resources to best meet user demand is a highly complex task. Our patent solves this problem and more complicated issues when user devices are also the network infrastructure, which introduces rapidly changing availability of network resources and highly variable link quality. This is important for D13's next-generation counter-drone system, which will comprise airborne and ground-based computers operating together as a single machine.

D13 CEO Jonathan Hunter said, *"this innovation will enable intelligent data processing to support more sensors in a distributed counter-drone network, which will improve situational awareness, quickly identify threats, and provide more effective countermeasures. It is part of a longer-term strategy within our strategic networking solutions product offering."*

In regards to the broader benefits of Coordinated Routing, the ability to increase data services and serve more customers within existing networks is becoming increasingly important, particularly in wireless networks in which there is a finite amount of radio spectrum in which to communicate. We anticipate there will be significant interest in the technology from telecommunications companies.

Including this patent, D13 now holds 17 U.S. issued patents, with 28 further patents pending.

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About Department 13

Based in Maryland, Department 13 (D13) was founded in 2010 by a team of former military operators, scientists and engineers who apply proprietary innovative advanced technology to emerging requirements. D13 is developing cutting-edge software and communication systems that have the potential to transform the networking and communication fields as well as current applications in drone defense, mobile phone IT security and secure enhanced Android phone systems. D13 is engaged with multiple counter UAS projects to provide strategic solutions for civil, military and commercial security requirements. D13 has 17 patents and 28 patent applications in the development of wireless protocol manipulation and communication networking software with applications in drone defense, local area and wide area cellular communications and networking, enhanced data bandwidth for all digital communications, cyber security for mobile devices and sophisticated RF technology applications (radiometrics). For more information about D13, please visit www.department13.com or follow us on Twitter (@D13ASX), LinkedIn and YouTube.