

## D13 Acquires “Carrier Interferometry” (CI) Patent Portfolio

### Highlights

- **CI Portfolio purchased for US\$1.5m and includes rights to 21 patents**
- **Complements D13’s already extensive IP patent protection and may be licensed to other C-UAS operators providing an additional revenue stream**
- **Includes continuing filing rights that will enable D13 to expand and perfect its IP protection in the C-UAS market**

**PERTH, WA and COLUMBIA, MD USA** – DEPARTMENT 13 INTERNATIONAL LTD (ASX: D13) (“Department 13”, “D13” or “the Company”) a cutting-edge developer of counter drone technology, is pleased to announce the acquisition of the “Carrier Interferometry” (CI) Patent Portfolio for US\$1.5m.

The CI Patent Portfolio takes the number of D13 owned patents to 16 US Patents and 5 Foreign Patents and the total number of Patents either owned or exclusively licensed from GenghisComm LLC to a total of 39 US Patents, 5 Foreign Patents and 55 Pending Patent Applications.

	Pre- CI Portfolio Purchase	Post-CI Portfolio Purchase
<b>D13 Owned</b>	3 Issued Patents 7 Patents Pending	21 Issued Patents 26 Patents Pending
<b>Exclusively Licensed from GenghisComm</b>	20 Issued Patents 28 Patents Pending	23 Issued Patents 29 Patents Pending
<b>Total</b>	<b>23 Issued Patents 35 Patents Pending</b>	<b>44 Issued Patents 55 Patents Pending</b>

With the addition of the CI Patent Portfolio to its currently owned and licensed patents, D13 believes it either owns or licenses the technologies that are key to many current and most next-generation Counter-Unmanned Aircraft System (C-UAS) solutions.

D13 is now in a strong position to pursue licensing opportunities with other operators in the C-UAS market, which would potentially provide additional revenue streams for D13.

### Counter-UAS Market Licensing Revenue Opportunity

The CI Patent Portfolio contains early disclosures (2002) of software-defined radios and advanced digital signal processing for detection, signal separation, and identification, which are key technologies that D13 is using for drone detection and mitigation.

D13 believes that the most effective “mitigation” strategies employ electronic countermeasures, and most “detection-only” solutions perform characterization of UAS radio signals. Each represents a licensing opportunity following the purchase of the CI Patent Portfolio.

This newly acquired portfolio allows D13 to implement spectral partitioning, blind signal analysis and distributed software analysis technology into MESMER™ and future-MESMER™ systems. This acquisition will now enable D13 to make broad patent claims that will be key to the C-UAS market, covering almost all future CUAS products.

Department 13 CEO, Jonathan Hunter, commented: *"By ensuring ownership of key technologies in C-UAS, D13 now has a substantial competitive advantage and will solidify D13's position as a market leader. We anticipate being able to substantially increase our share of the growing market for C-UAS, not only through our cutting-edge MESMER™ technology but by owning solutions that D13 expects other participants in the market will seek licenses to use."*

-ENDS-

**For more information, contact**

Jonathan Hunter  
Chairman and CEO  
Department 13  
+1 703 597 6574  
[Jonathan@department13.com](mailto:Jonathan@department13.com)

Investor relations  
Mark Wise  
Department 13  
+1 914 261 5574  
[mwise@department13.com](mailto:mwise@department13.com)

US Media:  
Laura Radocaj  
DGI  
+1 212 825 3210  
[lradocaj@dgicomm.com](mailto:lradocaj@dgicomm.com)

**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 44 patents and 55 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](http://www.department13.com) or follow us on Twitter (@D13ASX), LinkedIn and YouTube.