

Recent Developments in Location Privacy

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Washington, DC
April 4, 2018

Facebook – Cambridge Analytica

- “He ultimately provided over 50 million raw profiles to the firm, said Christopher Wylie, a data expert who oversaw Cambridge Analytica’s data harvesting. Only about 270,000 users — those who participated in the survey — had consented to having their data harvested, though they were all told that it was being used for academic use.”
- “Facebook said no passwords or “sensitive pieces of information” had been taken, though information about a **user’s location** was available to Cambridge.”

Raising Concerns Over Traditional Geospatial Technologies

The screenshot shows a web browser window with the following elements:

- Browser Tabs:** Mail, State, LinkedIn, The I, M Inbo, ST Forg, 5 Goo, Worl, Dron, Pisan, Nap, Panc, Curr, Stat, Ukrc, Unic, J Calif, New, F x.
- Address Bar:** https://www.buzzfeed.com/peteraldhous/fbi-video-freddie-gray-protests?utm_term=.vwyL67xEW#jird078JA
- Article Title:** Here's What FBI Spy Planes Saw In Baltimore Above The Freddie Gray Protests
- Text:** Extended video footage provides an unprecedented window on the activities of the FBI's surveillance aircraft — and raises concerns about the monitoring of protests protected by the First Amendment.
- Metadata:** posted on Aug. 5, 2016, at 2:40 p.m.
- Author:** Peter Aldhous, BuzzFeed News Reporter
- Share Buttons:** Facebook, Email, Pinterest, Twitter, Tumblr, RSS, Bookmark.
- Video Player:** An aerial video frame showing a city street with buildings and cars. The video has a timestamp: 29 APR 2015 23:25:31 UTC+0:0. Other text overlays include 'AUTO SPA', 'EO DL:LL', and 'DFLT A 5 56'. A north arrow and a crosshair are also visible.
- Taskbar:** Windows taskbar with icons for Internet Explorer, Outlook, Word, PowerPoint, Chrome, and other applications. The system clock shows 3:17 PM on 12/5/2016.

Impact Could Be Significant

www.governmentcontractinsider.com/drones-to-satellites-should-commercial-aerial-data-collection-regulations-differ-by-altitude/#page=1

GovCon Insider


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September 1, 2015
Drones to Satellites: Should Commercial Aerial Data Collection Regulations Differ by Altitude?

by [Janna J. Lewis](#) and [Lauren R. Caplan](#)

The news and social media commentary of late reveals considerable discomfort with the idea that “drones,” or Unmanned Aircraft Systems (UAS), could be used to collect images and data for commercial purposes. The idea that a flying machine —say, a 6-inch quadcopter equipped with tiny cameras —might track people or record images and data about their movements and habits strikes many as invasive.¹

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2:03 PM
12/5/2016

Impact to Geospatial Community

- Harder to collect geolocation information
 - Will be required to get consent to collection and use
- Will be harder to use geolocation information
 - Lawyers will worry about privacy concerns
 - See e.g. HIPPA
- It will become much more expensive
 - General Data Protection Regulation

