All roads lead to Palantir:

A review of how the data analytics company has embedded itself throughout the UK





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This report was compiled by No Tech For Tyrants, a student-led, UK-based organisation working to sever the links between higher education, violent technology, and hostile immigration environments, in collaboration with Privacy International.

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INTRODUCTION

Little known in the UK until the Covid-19 pandemic, Palantir was thrust into the national spotlight in March 2020, when the United Kingdom's National Health Service (NHS) granted Palantir access to unprecedented quantities of health data for processing and analysis in response to Covid-19.

In January of that year, Palantir started working with other governments as well on a series of contracts that would position it as the default platform for expanded health surveillance – justified under the aegis of responding to Covid-19.¹ Palantir claims, in its prospectus² to work in over 150 countries in the world. Palantir's contracts with governments around the world have increased in their value to the company markedly over the last two years, up 74% from 31 December 2018 to 30 June 2020 – from \$670.6 million to \$1.2 billion.³

But Palantir's NHS contract is just one of their contracts with the UK government.

Palantir is a name that has become embroiled in controversy. The big-data analytics outfit has morphed into a surveillance behemoth and expanded the capacity of governments to quietly spy on their people.

The company is named after an all-seeing stone in The Lord of the Rings and brands itself as providing similarly ominous powers of surveillance to its clients.⁴

¹ Palantir, Responding to Covid-19, https://www.palantir.com/covid19/.

² Palantir, IPO Investment Prospectus, 17 September 2020, https://www.sec.gov/Archives/edgar/data/1321655/000119312520248369/d904406ds1a.htm#rom90 4406 2.

³ Palantir IPO Investment Prospectus, 17 September 2020, p 98, https://www.sec.gov/Archives/edgar/data/1321655/000119312520248369/d904406ds1a.htm#rom90 4406_14.

⁴ Canales, K., "Secretive data company Palantir just officially revealed its plans to go public. Here's why it's named after an all-powerful seeing stone in the 'Lord of the Rings'", *Business Insider*, 26 August 2020,

But unlike its fictional namesake, Palantir and its tools may pose a real danger to people in vulnerable positions: the company is known, for instance, for its reported work with US Immigration and Customs Enforcement (ICE), especially under the Trump administration, which is covered later on in this report.⁵

Public private partnerships, like the ones between many branches of the UK government and Palantir, can have a direct and life-altering impact on people's lives. The work that governments do, and the services they deliver, are vital. That's why it is imperative that governments ensure transparency and due process are respected throughout these partnerships.

But, as you will discover throughout this report, transparency is not a frequent feature of these contracts.

This raises questions:

- In what ways will the public's data be used by Palantir?
- What kind of safeguards, if any, were put in place before onboarding Palantir, and subsequently renewing its involvement?
- Who now owns or has access to the public's data, and on what terms?

In creating this report, we set out to explore these questions. We seek greater transparency on how the UK public's sensitive data is being handled and the potential consequences.

https://www.businessinsider.com/what-palantir-name-means-lord-of-the-rings-peter-thiel-2020-7? r=US&IR=T.

⁵ Woodman Sp., "Palantir provides the engine for Donald Trump's deportation machine", The Intercept, 2 March 20217, https://theintercept.com/2017/03/02/palantir-provides-the-engine-for-donald-trumps-deportation-machine/; Mijente, National Immigration Project and Immigrant Defence Project, Who's Behind ICE? The Tech and Data Companies Fueling Deportations, 2018, https://mijente.net/wp-content/uploads/2018/10/WHO%E2%80%99S-BEHIND-ICE_-The-Tech-and-Data-Companies-Fueling-Deportations-_v1.pdf.

KEY TAKEAWAYS

In this report, No Tech For Tyrants and Privacy International (PI) present the findings so far from our collaborative research effort to shed some light on the UK government's extensive and potentially inappropriate links with this tech company.

Palantir, by virtue of being a largely invisible "black box" technology provider, has operated under the radar in the UK until recently.

What we have found:

- The NHS is not the only UK authority working with Palantir the Cabinet
 Office, the police, and the Ministry of Defence also have had, or currently
 have, ties with the company. On 22 June 2020, the Home Office told No Tech
 for Tyrants that they didn't have any contracts with Palantir.⁶
- The lack of transparency in all of these contracts is a consistent concern.
 Both with companies like Palantir, and with any other company the
 Government is partnering with particularly this extensively there should be robust safeguards to ensure transparency and accountability (see
 Recommendations for the steps we think should be taken).
- In the course of this ongoing research, No Tech for Tyrants and PI have sent 11
 Freedom of Information Requests, but received answers to only 4 so far. This is extremely concerning and points to a broader failure of government to abide by existing regulation and to protect the public's interest.

⁶ 'Data processing by Palantir for Home Office' FOI request: https://www.whatdotheyknow.com/request/data_processing_by_palantir_for

WHO ARE PALANTIR TECHNOLOGIES?

BACKGROUND

Founded in 2003 by Peter Thiel (among other co-founders: Stephen Cohen, Gary Tan, Nathan Gettings, Joe Lonsdale (notable for co-founding and currently working as chairman of OpenGov, which deals in cloud-based software for governments), and Alex Karp), Palantir sells data integration and analytics platforms. Its two primary products are Gotham and Foundry (explained further below). One early investor in the company was In-Q-Tel, the CIA's seed funding program – foreshadowing that Palantir's products are often used by national security, defence, and law enforcement agencies.

The potentially deadly consequences of the company's work have been acknowledged – Palantir CEO Alex Karp has, as recently as 2020, made it clear that the company he runs develops tools that are used "to kill people." 9

⁷ No Tech For Tyrants, "Who's Behind Palantir UK feat. What are They Doing on Your Campus?", 22 October 2020, https://notechfortyrants.org/2020/10/22/whos-behind-palantir-uk-feat-what-are-they-doing-on-your-campus-report-supplement/

⁸ Mijente, National Immigration Project and Immigrant Defence Project, *Who's Behind ICE? The Tech and Data Companies Fueling Deportations*, 2018, https://mijente.net/wp-content/uploads/2018/10/WHO%E2%80%99S-BEHIND-ICE_-The-Tech-and-Data-Companies-Fueling-Deportations-_v1.pdf.

⁹ Hamilton, İ. A., "Palantir CEO Alex Karp claims the company's tech is used to target and kill terrorists", *Business Insider*, 26 May 2020, https://www.businessinsider.com/palantir-ceo-alex-karp-claims-the-companys-tech-is-used-to-target-and-kill-terrorists-2020-5?op=1&r=US&IR=T.

The company has gained a reputation for secrecy, and it is often difficult to pin down which governments and companies it works with. This is the case with the UK government as this report demonstrates. While that's not uncommon in business, it is and should be uncommon in governments. Yet, governments' dealings with Palantir are often opaque, as this report will seek to make clear.

Palantir has already created a niche for itself in the UK, incorporating several influential figures as stakeholders in the company. These include a peer in the House of Lords¹⁰, a Queen's Counsellor¹¹ and an, until recently, special consultant to the Home Secretary – who is currently not allowed to lobby the Home Office¹², raising significant concerns about conflicts of interest between Palantir and the public. Read further on "Who's behind Palantir" by No Tech For Tyrants.¹³

PRODUCTS

This section provides a brief review of the primary Palantir products discussed in this report: Gotham and Foundry.

Gotham

Formerly known as Palantir Government, Gotham¹⁴ is designed, in Palantir's words, to "Integrate, manage, secure, and analyse all of your enterprise data."¹⁵ Gotham aggregates the disconnected information storage systems that house an organisation's disparate information

¹⁰ Register of Interests for Lord Guthrie of Craigiebank—MPs and Lords—UK Parliament, (n.d.), Retrieved 16 September 2020, from https://members.parliament.uk/member/3608/registeredinterests.

¹¹ Sir Daniel Bethlehem KCMG QC. (n.d.), Twenty Essex, Retrieved 16 September 2020, from https://twentyessex.com/people/daniel-bethlehem/.

¹² Home Office: business appointment rules advice, October to December 2019 https://www.gov.uk/government/publications/home-office-business-appointment-rules-advice/home-office-business-appointment-rules-advice-october-to-december-2019.

¹³ No Tech For Tyrants, Who's Behind Palantir UK feat. What are They Doing on Your Campus?", 22 October 2020, https://notechfortyrants.org/2020/10/22/whos-behind-palantir-uk-feat-what-are-they-doing-on-your-campus-report-supplement/.

¹⁴ Gotham is named after the lawless city in the Batman comics, terrorised by a wide range of villains and criminal interests. A person might wonder if Palantir to what Palantir is comparing itself to.

¹⁵ Palantir Gotham (n.d.), Retrieved 16 September 2020 from https://www.palantir.com/palantir-gotham/.

sources (e.g. log files, spreadsheets, tables, etc.) into 'a single, coherent data asset."¹⁶ Not only does Gotham make the previously disconnected data more searchable, but it also maps the aggregated data into "...meaningfully defined objects—people, places, things, and events—and the relationships that connect them."¹⁷

For a breakdown of how ICE uses Gotham, see Mijente and others' "Who's Behind ICE?" report. 18 We also recommend reviewing Motherboard's breakdown of the Gotham user manual obtained via a public record request. 19

Foundry

Foundry is Palantir's newer, more powerful, and (primarily) corporatefocused version of Gotham. Foundry's primary function is to bring together disparate sources and types of data into a single, accessible platform. According to Palantir's description of how it works,

"Foundry is a platform that reimagines how people use data by removing the barriers between back-end data management and front-end data analysis. Foundry enables users with varying technical ability and deep subject matter expertise to work meaningfully with data. With Foundry, anyone can source, connect, and transform data into any shape they desire, then use it to take action."²⁰

¹⁷ *Ibid*.

¹⁶ Ibid

¹⁸ Mijente, National Immigration Project and Immigrant Defence Project, *Who's Behind ICE? The Tech and Data Companies Fueling Deportations*, 2018, https://mijente.net/wp-content/uploads/2018/10/WHO%E2%80%99S-BEHIND-ICE_-The-Tech-and-Data-Companies-Fueling-Deportations-_v1.pdf.

¹⁹ Haskins, C., "Revealed: This Is Palantir's Top-Secret User Manual for Cops", *Vice Motherboard*, 12 July 2019, https://www.vice.com/en_us/article/9kx4z8/revealed-this-is-palantirs-top-secret-user-manual-for-cops.

²⁰ Palantir Foundry (n.d.), Retrieved 16 September 2020 from https://www.palantir.com/palantir-foundry/.

Interoperability of Products

Palantir describes its technology as an "open, interoperable platform designed to maximize the value [one] can derive from [one's] data"²¹. In a Foundry booklet, the company highlights the interoperability of the solution. According to the booklet, "Foundry interoperates with a variety of tools for visualization and analytics, including Palantir platforms" (emphasis added).²² A Palantir representative explained in an interview that when the company launched Foundry, they "migrated Gotham APIs to modern, interoperable standards [giving] customers the ability to use any tool".²³ Another employee reportedly clarified that "both Gotham and Foundry share the same Palantir DNA: open APIs, fine–grained security and access controls, audit capabilities, interoperability with legacy and 3rd party systems, and cross–organization information sharing to name a few"²⁴ and that "all data in Gotham can be exported in a variety of open formats, on the front and backends, so that data is never trapped".²⁵

Indeed, both products seem to follow the exact same approach regarding data import and export as the relevant product pages found on the UK government Digital Marketplace seem to demonstrate. Below is an example of the data export approach of Foundry. No difference was found between the two products' pages, only the product's name changes:

"All data stored in Palantir Foundry [and/or Gotham] is stored in open format, giving an agency complete control over its data and enabling interoperability with other systems. Palantir's open, publicly

²¹ See 'Palantir: an open technology solution', Palantir website https://www.palantir.com/build/files/An%20Open%20Technology%20Solution.pdf accessed 22 April

²² See SCRIBD 'Palantir Foundry: Data Management for the Modern Enterprise', page 12 of the 26 of the uploaded document https://www.scribd.com/document/418918675/Palantir-Foundry-Booklet-2, accessed 22 April 2020.

²³ Gourley, B., "An interview with Robert Fink, Architect of Foundry, Palantir's open data platform Part One: Open Data Architectures", *CTOVision.com*, 24 September 2018, https://ctovision.com/an-interview-with-robert-fink-architect-of-foundry-palantirs-open-data-platform-part-one-open-data-architectures.

²⁴ Gourley, B., "The Titan Release of Palantir Gotham: An Interview with Ryan Beiermeister". *CTOvision.com*, 1 August 2019, https://ctovision.com/the-titan-release-of-palantir-gotham/. ²⁵ *Ibid*.

documented APIs can be configured to import or export to any system that exposes open APIs. There are no limitations on the data that can be exported from Palantir (subject to access controls), and administrators can export data from Palantir in a variety of formats, including but not limited to HTML, Microsoft Office (PPT, DOC, XLS) and ArcGIS (SHP). Data exports can also include the metadata regarding the data's source material references."²⁶

In fact, users of both Gotham and Foundry do not even seem to refer to separate tools but rather to a "Palantir platform" that integrates the two solutions.²⁷ An employee of the Washington DC based Center for Advanced Defense Studies mentioned the existence of a "unified database".²⁸ In his interview with CTO Vision, Robert Fink, one of the designers of Foundry, confirmed that all the Palantir products share the same database backend called AtlasDB.²⁹

Therefore, it appears from the above reports that both tools can process the exact same data in turn. Theoretically the learning system of one could thus be trained with the datasets incorporated in the other, especially when both tools are combined under a single platform.

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²⁶ See Gov.uk Digital Marketplace "Palantir Technologies UK, Ltd. - Palantir Gotham", https://www.digitalmarketplace.service.gov.uk/g-cloud/services/660200105725744; Gov.uk Digital Marketplace, "Palantir Technologies UK, Ltd. - Palantir Foundry",

https://www.digitalmarketplace.service.gov.uk/g-cloud/services/501000199851013.

²⁷ Bridget Connelly, Environmental Crimes Fusion Cell Analyst, C4ADS: "The Palantir platform, both through Gotham and Foundry, serves as the foundation to my day-to-day analysis - from ingesting and processing large corporate databases for pattern recognition in Foundry to mapping complex threat networks in Gotham. I can analyze data in Palantir to determine high-level trends in space and time, as well as to identify critical nodes", See Palantir Website 'Illicit Networks Uncovered Around the Globe', https://www.palantir.com/philanthropy-engineering/annual-report/2017/c4ads.html.

²⁸ See ibid. Cornelly: "(...) the unified database allows us to spot points of convergence both within and across projects."

²⁹ Gourley, B., "An interview with Robert Fink, Architect of Foundry, Palantir's open data platform Part Three: Open Development Environments", *CTOVision.com*, 1 October 2018, https://ctovision.com/an-interview-with-robert-fink-architect-of-foundry-palantirs-open-data-platform-part-three-open-development-environments/.

PALANTIR'S RELATIONSHIPS IN THE UK

In light of the COVID-19 pandemic, Palantir's NHS contracts have received significant coverage in the UK. Our research reveals that Palantir has built relationships with far more entities within the UK Government than just the NHS. In this section, we outline Palantir's connections with the NHS, policing in the UK, the Ministry of Defence, and the Cabinet Office. For Palantir's links to higher education institutions, see No Tech For Tyrants, "Palantir on campus". 30

THE NATIONAL HEALTH SERVICE

In 2020, Palantir made headlines as one of the companies contracted by the UK government for assistance in its response to fighting the COVID-19 pandemic, specifically for data stores for COVID-19 data (other contracted companies include Faculty, a UK-based artificial intelligence firm that has reportedly previously worked with government officials on Vote Leave³¹).

The NHS reported that they were using Palantir Foundry to manage the front end of their COVID-19 data platform.³² The first contract in place between Palantir and NHS was valid from 12 March 2020 to 11 June 2020, with a cost to the NHS of £1.³³

³⁰ No Tech For Tyrants, "Who's Behind Palantir UK feat. What are They Doing on Your Campus?", 22 October 2020, https://notechfortyrants.org/2020/10/22/whos-behind-palantir-uk-feat-what-are-they-doing-on-your-campus-report-supplement/.

³¹ Pegg D., Evans R., Lewis P., "Revealed: Dominic Cummings firm paid Vote Leave's Al firm £260,000", *The Guardian*, *12 July 2020* https://www.theguardian.com/politics/2020/jul/12/revealed-dominic-cummings-firm-paid-vote-leaves-ai-firm-260000.

³² Gould M., Joshi I., & Tang M., "The power of data in a pandemic. Technology in the NHS.", 28 March 2020, https://healthtech.blog.gov.uk/2020/03/28/the-power-of-data-in-a-pandemic/.

³³ No Tech For Tyrants, "The Corona Contracts", 7 June 2020, https://notechfortyrants.org/2020/06/07/the-corona-contracts/.

This original contract is in line with the acquisition strategy explained by Palantir in the prospectus they produced proceeding their public listing:

"In the first phase, we typically acquire new opportunities with minimal risk to our customers through short-term pilot deployments of our software platforms at no or low cost to them. We believe in proving the value of our platforms to our customers. During these short-term pilots, we operate the accounts at a loss. We believe that our investments during this phase will drive future revenue growth." 34

However, the details of the contracts remain unknown. As of September 2020, No Tech for Tyrants has not received satisfactory responses to its Freedom of Information requests to NHS regarding the scope of data made available to Palantir in this original contract. While Palantir's response to PI and other organisations in May 2020 provided some clarifications, it failed to clarify the extent of the project and what protections exist.³⁵

The contract was ultimately extended – from 12 June 2020 to 11 October 2020, and the extension is valued at £1 million.³⁶

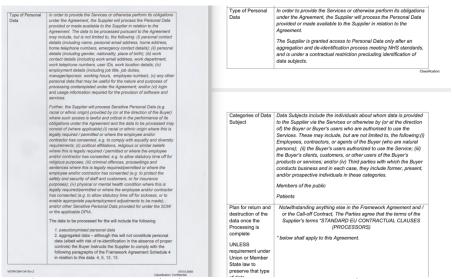
Though the NHS has not confirmed the extent of the types of personal data that Palantir accessed – the extension contract features significant changes in the types of personal data made available to Palantir. The initial contract provided that Palantir would reasonably have access to various types of personal data, including personal contact details; personal details; work contact and employment details; "any other personal data that may be useful"; and where necessary, race/ethnicity info, political affiliations, criminal history, and

³⁵ Pl and others, "(Sort of) Trust but Verify: Palantir Responds to Questions about its work with NHS", 6 May 2020, https://privacyinternational.org/long-read/3751/sort-trust-verify-palantir-responds-questions-about-its-work-nhs.

Palantir, IPO Investment Prospectus, 17 September 2020, p 95 https://www.sec.gov/Archives/edgar/data/1321655/000119312520248369/d904406ds1a.htm#rom90 4406 14

³⁶ Williams, O., "Revealed: Palantir secures £1m contract extension for NHS data store work", *NS Tech*, 15 July 2020, https://tech.newstatesman.com/coronavirus/palantir-nhs-datastore-contract-extension.

physical/mental health condition.³⁷ In the newer contract, they have removed the level of detail and the contract just uses standard definition of personal data.³⁸ See the 'type of personal data' box in the respective contracts below.



Screenshots of contracts made available by the UK government. Initial contract on the left.

If tendering is designed to get the best value for a government, then surely there can be no better value than £1 – which is what the initial NHS contract was awarded for³⁹. This initial offer – at a loss to themselves – may appear to be exceedingly cheap. However, there have been concerns raised about customers being unable to easily move their data off of Palantir's platform – tying them in for the long run and making Palantir a great deal of money. When the New York Police Department (NYPD) tried to cancel its contract with Palantir and requested copies of the analyses of their data, Palantir refused to provide them in a standardised format that the NYPD would be able to use with their next system.⁴⁰

³⁷ Palantir initial contract as released by the government, now available here https://notechfortyrants.org/wp-content/uploads/2020/06/Palantir_Agreements.pdf.

³⁸ New contract between NHS and Palantir, released 26 August 2020, available here https://www.contractsfinder.service.gov.uk/Notice/c66036ee-a63e-4452-bafe-2410e9b51587?origin=SearchResults&p=1.

³⁹ No Tech For Tyrants, "The Corona Contracts", 7 June 2020, https://notechfortyrants.org/2020/06/07/the-corona-contracts/.

⁴⁰ Alden, W., "There's A Fight Brewing Between the NYPD and Silicon Valley's Palantir", *Buzzfeed* 28 June 2018, https://www.buzzfeednews.com/article/williamalden/theres-a-fight-brewing-between-the-nypd-and-silicon-valley#.vamWb8V6G1.

Palantir's business plan raises questions about whether current Government tendering processes have the sophistication to deal with this sort of offer.

Transparency in public private partnerships ensures that the entire agreement is scrutinised to ensure that there are not any hidden clauses or benefits for the contracting company.

On top of the revenue guaranteed by the extended contract, based on the part of the contract that has been made available⁴¹, Palantir will be the intellectual property owner of any product developed for the NHS datastore project, including databases. This includes the ability to train other products using data processed through this contract, including people's sensitive personal data.⁴² Beyond the monetary compensation for the licensing of Palantir's product, Foundry, Palantir stands to gain massive amounts of potential training data for its tools.

The NHS has released Data Protection Impact Assessments with both the original and the extended contracts. Upon the publication of the extended contract, the NHS also published a Risk Assessment document that showed evaluation of various privacy concerns and risks. ⁴³ However, the types of potential risks identified via the categorisation on the risk assessment do not exhaust the full scope of risks of working with Palantir. For example, the "risk of re-identification for analysts who have access to pseudonymised record level data" is allegedly mitigated by strict protocols for accessing pseudonymised records, and appropriate training and contracting for employees.

⁴² See above screenshot of contracts.

⁴¹ Fitzgerald, M., Crider C., "Under pressure, UK government releases NHS COVID data deals with big tech", *Open Democracy*, 5 June 2020, https://www.opendemocracy.net/en/under-pressure-uk-government-releases-nhs-covid-data-deals-big-tech/.

⁴³ NHS England, "Data Protection Impact Assessment: NHS COVID-19 Data Store", 15 June 2020, https://www.england.nhs.uk/publication/data-protection-impact-assessment-nhs-covid-19-data-store/.

Improvement clauses

In the rare Palantir contracts we could find in various answers to freedom of information requests (FOI requests), we observed that Palantir is routinely making use of "improvement" clauses. For instance, in a 2019 license agreement with the US Department of Defence (DoD), the company's terms and conditions document contained the following clause with regards to usage data:

"10. Usage Data. Palantir may <u>collect analytics, statistics, metrics, or other</u> <u>usage data related to Customer's use of the Products</u> (i) in order to provide the Products to Customer; (ii) for statistical use (provided that such data is not personally identifiable); or <u>(iii)</u> to monitor, analyze, maintain and improve the <u>Products</u>" (emphasis added).⁴⁴

The same document defines products as "the Client Software, Cloud Solutions and Software specified in the Order 45 and software as "the Palantir proprietary commercial software, models, and algorithms, and any helpers, extensions, plug-ins and add-ons, in any format, specified in the Order (...)" (emphasis added). 46 Therefore, this clause enables Palantir to train its algorithms or learning systems based on its customers' use of the Palantir products. In this specific case, the DoD acquired licenses for both Gotham and Metropolis 47 but Palantir has made use of such type of clauses in other contracts as well.

On the product pages of Gotham and Foundry found on the UK Government Digital Marketplace, we found out that both products reply to the exact same licensing terms and conditions, which contain the following clause:

"18.9. Usage Data. Palantir may collect metrics, analytics, statistics or other data related to Customer's use of the Cloud Solutions (i) in order to provide the Cloud Solutions, Support Services and Professional Services to and for the benefit of the Customer; and (ii) for statistical use as well as to analyze, maintain and improve the Cloud Solutions, Support Services and Professional Services (provided that it makes such data not personally identifiable." (emphasis added). 48 49

While the typographical error contained in the last sentence eloquently shows that this part of the clause may have been hastily integrated for European customers, the clause in itself is extremely similar to that of the DoD contract above.

Thus, it appears that through these "improvement" clauses, Palantir reserves itself the right to train its learning systems, including those of Gotham and Foundry and irrespective of whether these tools are sold as a combined solution or separately.

POLICING (LONDON MET, DURHAM, GREATER MANCHESTER & SOMERSET)

Predictive policing has increasingly been touted as the next frontier in tech-enhanced policing, and has been⁵⁰ embraced in the United States. Palantir's services, including its signature Gotham platform, have been utilised by police forces across America and these agreements are reportedly sometimes established through backroom deals.⁵¹

Though UK constabularies have been slower to introduce the use of predictive policing capabilities, we know from Liberty's Freedom of Information requests regarding predictive policing in the UK⁵² that several UK constabularies have

⁴⁴ See FOIA Online, 'DON-NAVY-2009-009066 Request Details - BPA Attachment 3 - DoD License Agreement; Palantir Terms and Conditions', 21 August 2019, https://www.foiaonline.gov/foiaonline/action/public/submissionDetails?trackingNumber=DON-NAVY-2019-009066&type=request accessed 23 April 2020.

⁴⁵ Ibid

⁴⁶ Ibid.

 $^{^{47}}$ Metropolis is the solution that predates Foundry and is used predominently in the financial services industry.

⁴⁸ See Gov.uk Digital Marketplace – Palantir Gotham 'Palantir Licensing Terms and Conditions', https://assets.digitalmarketplace.service.gov.uk/g-cloud-11/documents/92736/660200105725744-terms-and-conditions-2019-05-22-1447.pdf together with Gov.uk Digital Marketplace – Palantir Foundry 'Palantir Licensing Terms and Conditions' https://assets.digitalmarketplace.service.gov.uk/g-cloud-11/documents/92736/501000199851013-terms-and-conditions-2019-05-22-1449.pdf. Cloud Solution is described in Palantir's licencing terms and conditions as follow: "1.5. "Cloud Solution(s)" means Palantir's service to provide a cloud software platform for data analysis, including access to proprietary Palantir software as specified in the Order, software provided to Customer in connection with this Agreement, and any Cloud Updates that are made available in connection with this Agreement (and/or in connection with any future or related Orders, or amendments).

⁴⁹ NHS England, "Data Protection Impact Assessment: NHS COVID-19 Data Store", 15 June 2020, https://www.england.nhs.uk/publication/data-protection-impact-assessment-nhs-covid-19-data-store/.

⁵⁰ Lau, T., "Predictive Policing Explained", Brennan Center for Justice, 1 April 2020, https://www.brennancenter.org/our-work/research-reports/predictive-policing-explained Ahmed M., "Aided by Palantir, the LAPD Uses Predictive Policing to Monitor Specific People and Neighborhoods", The Intercept, 11 May 2018, https://theintercept.com/2018/05/11/predictive-policing-surveillance-losangeles/

⁵¹ Winston, A., "Palantir has secretly been using New Orleans to test its predictive policing technology", The Verge, 27 February 2018, https://www.theverge.com/2018/2/27/17054740/palantir-predictive-policing-tool-new-orleans-nopd.

⁵²Couchman, H., "Policing by Machine: Predictive policing and the threat to our rights", Liberty, January 2019, https://www.libertyhumanrights.org.uk/wp-content/uploads/2020/02/LIB-11-Predictive-Policing-Report-WEB.pdf

already trialled, or are in the process of trialling, various predictive policing technologies. For example, in Avon & Somerset, police used predictive mapping along with an alarmingly broad variety of individual risk assessment programs.⁵³ Additionally, Durham constabulary partnered with the Department of Criminology at the University of Cambridge to create an individual risk assessment program (HART).⁵⁴

As predictive policing gains traction amongst UK police constabularies, Palantir's name starts appearing as a supplier of such technology. Indeed, the same report by Liberty revealed that the London Met had trialled Palantir Predictive Crime Mapping products for a period of twelve months, from May 2014 to April 2015. 1t is not known what product the London Met trialled, nor how the data was processed or shared with Palantir.

It is not known if London Met has other contracts with Palantir. However, various reports indicate that Palantir has continued to have connections with the London Met. The Met's Chief attending a reception hosted by London First (a business group) at Palantir's Soho office in July 2018. 56 Just over a year later, Palantir sponsored £3,000 of reception drinks in exchange for a promotional stand at a counter terrorism border conference. 57 In December 2019, Palantir sponsored a drinks reception that Lancashire assistant chief constable Tim Jacques attended 58. Police should have to disclose their participation in such private events, as they represent an obvious attempt to secure business.

54 Ibid.

⁵³ Ibid.

⁵⁵ Couchman, H., "Policing by Machine: Predictive policing and the threat to our rights", *Liberty*, January 2019, https://www.libertyhumanrights.org.uk/wp-content/uploads/2020/02/LIB-11-Predictive-Policing-Report-WEB.pdf.

⁵⁶ National Crime Agency, Board Member, Gifts & Hospitality Register 2018/19, 1 April – 21 March 2019, https://nationalcrimeagency.gov.uk/who-we-are/publications/318-gifts-hospitality-nina-cope-2018-19-2/file%20!"

⁵⁷ Metropolitan Police, Freedom of Information Act Publication Scheme, 1 October 2019, https://www.met.police.uk/SysSiteAssets/foi-media/metropolitan-police/priorities_and_how_we_are_doing/corporate/commercial--finance---section-93-agreements-under--10k-q3---20192020.

Metropolitan Police, Freedom of Information Act Publication Scheme, March 2020, https://www.met.police.uk/SysSiteAssets/foi-media/metropolitan-police/lists_and_registers/corporate/professionalism---management-board---gifts-and-hospitality-register---december-2019.

In seeking clarity over the Met's engagements with Palantir, No Tech filed a Freedom of Information request on 15 June 2020 seeking information regarding the Metropolitan Police Service's (MPS) May 2014 - April 2015 trial of Palantir Software. We sought more information on the types of data processed by the Palantir products being trialled between May 2014 - April 2015, and whether the MPS was currently testing, piloting, or using any products or services developed by Palantir since 2018. At the time of writing there has been no response from the MPS - far overdue given the legal requirement to respond to such requests within 20 working days.

MINISTRY OF DEFENCE

The UK Ministry of Defence (MoD) reportedly has at least £28m worth of deals with Palantir, as of December 2019. There is limited transparency about what the contracts involve.

What is known so far is that they include a 2018 contract, with a value of £1.7m, to use Palantir software for the purpose of slowing down the rate of staff voluntarily leaving the Navy. The software was used for "personnel data manipulation to discover reasons for voluntary outflow rates and enable the [Royal Navy] to develop possible solutions." ⁶⁰ In late 2019, Palantir also secured a deal with the MoD for the "provision and support of a search visualisation and analysis system," ⁶¹ though it is not known for what Palantir product.

⁵⁹ No Tech for Tyrants, "Palantir Technologies products used by MPS FOI Request", date submitted 15 June, https://www.whatdotheyknow.com/request/palantir technologies products u 4.

⁶⁰ Williams, O., "How Peter Thiel's Palantir quietly won £10m of MoD contracts", *News Statesman*, 6 August 2019, https://www.newstatesman.com/politics/business-and-finance/2019/08/how-peter-thiel-s-palantir-quietly-won-10m-mod-contracts".

Williams, O., "Peter Thiel's Palantir has quietly secured £39m of UK government deals", NS Tech, 3 December 2019, https://tech.newstatesman.com/cloud/peter-thiel-palantir-mod-contracts-2.

Ministry of Defence Response

On 21st September 2020, the MoD responded to our FOI request confirming that they are currently using Foundry, and that they have a contract with Palantir but did not disclose the contract with their response. They also clarified that Palantir is acting as a processor for non-personal data.

However, they didn't provide an answer to our question regarding personal data. Invoking exemptions, such as safeguarding national security, they neither confirmed nor denied if the company process personal data or what categories of personal data they process if they do.

The MoD claim that:

"The environment hosting the personal information is located within the MoD data boundary. There is no mechanism to take the data out of this environment. On analysis, the data is anonymised. Personnel with access are security cleared accordingly. There are limits on the number of personnel permitted access and access to the system is governed by several layers of permission. Logs of access to data are retained and scrutinised for improper use."

However, it is unclear exactly what this means in the context of how Palantir normally operates. Palantir's technology is cloud based and is normally supplied via Amazon Web Services (see NHS contract). It is unclear if the MOD's environment is hosted externally.

It is also unclear what staff at Palantir would have access to. The MoD's response focuses solely on MoD personnel.

The MoD has also not released the Data Protection Impact Assessment that could have cleared up some of these concerns.

A Freedom of Information request was sent to the MoD in May 2020⁶² by No Tech For Tyrants about which Palantir products it is currently testing, piloting, or using. The MoD delayed their response to consider possible reasons for withholding the information, namely, for protecting "National Security" and "Commercial Interests."

⁶² Ministry of Defence response to No Tech For Tyrants Freedom of Information Request, 24 June 2020, https://www.whatdotheyknow.com/request/667332/response/1590853/attach/3/FOI2020%200610 9%20Moore%20Interim%20Response%201.pdf?cookie_passthrough=1" \h.

They neither confirmed nor denied that they hold any more information in addition to the information provided in the Annex dated 17 August 2020.⁶³

Another product the MoD may be reportedly testing is Palantir's Defence Intelligence Platform. Palantir is an approved government Digital Marketplace vendor in the United Kingdom, and the Defence Intelligence Platform is one of the products available for sale. The platform "enables defence intelligence agencies to integrate disparate data sources into unified investigations for counterterrorism and intelligence workflows. The platform facilitates shared situational awareness, analysis and defence collaboration, while securing data against unauthorised access." Not only is it not fully known to the public what products and software are being used, it is also not known what kinds of data, including personal data, are being processed by products like this.

CABINET OFFICE

The Cabinet Office, the UK department responsible for supporting the UK Prime Minister and Cabinet, has reportedly spent at least £1,417,834 contracting with Palantir. Specifically, £741,000 of this amount was reportedly spent for IT services provided by Palantir Technologies⁶⁶ – the nature of this "enterprise analytical platform and intelligence service" has not been publicly disclosed. The remaining reported £1.4 million was for cloud services⁶⁷ from Palantir which also have not been disclosed in detail.

 $https://www.whatdotheyknow.com/request/palantir_technologies_products_u_2$

⁶³ 'Palantir Technologies products used by the Ministry of Defence' FOI:

⁶⁴ Palantir Defence Intelligence Platform, UK Gov Digital Marketplace:

https://www.digitalmarketplace.service.gov.uk/g-cloud/services/246057090713388. 65 *lbid.*

⁶⁶ Murphy, M, "Peter Thiel's 'invasive' Palantir on push to ramp up secretive UK government contracts", *The Telegraph*, 9 December 2018, https://www.telegraph.co.uk/technology/2018/12/09/peter-thiels-invasive-palantir-push-ramp-secretive-uk-government/.

⁶⁷ Advicecloud, Analyse G-Cloud sales, https://advice-cloud.co.uk/spend-data/gcloud-sales/.

Despite the considerable sums the Cabinet Office has spent on Palantir products, the government has been reticent to provide information regarding which entity controls the data. No Tech For Tyrants has tried to gain greater insights into these contracts by submitting a Freedom of Information request seeking information on the Cabinet Office's use of Palantir products⁶⁸: the kind of data processed by said products; the control of this data; and whether a Data Impact Assessment or Equality and Human Rights Impact Assessment was undertaken. The prevalent use of non-disclosure agreements⁶⁹ in Palantir's contracts is especially concerning given the extent of their contracts with the Cabinet Office.

The failure of the Cabinet Office to provide further detail on its contracts with Palantir leaves crucial questions of data security and protection unanswered – leaving the public unaware of how their data is shared and processed.

In the face of the government's silence regarding its existing and prior contracts with Palantir, the recent news that the government has awarded Palantir 'oversight of the UK's post-Brexit border and customs data'⁷⁰ is cause for alarm. The Guardian reported ⁷¹ that the contract gives Palantir management of the data analytics and architecture of the 'new "border flow tool", which will collate data on the transit of goods and customs.' Privacy International has requested further information and clarifications from the Cabinet Office with regard to these new reported agreements. At the moment of writing we are waiting for their response.

With such a significant contract on the horizon, it is the responsibility of the Cabinet Office to disclose more information about past and current contracts with Palantir.

⁶⁸ No Tech For Tyrants Freedom of Information request to the Cabinet Office: https://www.whatdotheyknow.com/request/palantir_technologies_products_u.

⁶⁹ https://www.businessinsider.com/palantir-ice-explainer-data-startup-2019-7?r=US&IR=T

⁷⁰ Pegg, D., "UK awards border contract to firm criticised over role in US deportations", *The Guardian*, 17 September 2020, https://www.theguardian.com/politics/2020/sep/17/uk-awards-border-contract-to-firm-criticised-over-role-in-us-deportations?CMP=Share_iOSApp_Other.

⁷¹ *Ibid.*,

ENTRENCHING INJUSTICE?

Given Palantir's reported track record of digital profiling and collaborating with ICE to facilitate the deportation of undocumented workers⁷², there is a vast range of data that, if being processed by Palantir in the UK, is cause for concern. This could be personal data: nationality, information contained in asylum applications, racial or ethnic origin, political opinions, religious or philosophical beliefs, trade union membership, a person's sex life or sexual orientation, and data revealing criminal convictions or offences. With Palantir's NHS contract, there is increasing risk of access to a person's genetic data, biometric data, and data concerning health.

Datafication is not always an 'objective' way of finding solutions to social problems. In fact, often the use of data in particular ways can entrench existing inequities and lead to pre-determined 'solutions.' An example of this in the UK is the Border Agency's Human Provenance Pilot (HPP) Project⁷³, which aimed to "use DNA and isotope analysis of tissue from asylum seekers to evaluate their nationality and help decide who can enter the United Kingdom."⁷⁴ Aside from glaring ethical issues with the proposal, scientific experts widely decried the fallacy that DNA could pinpoint ethnic or national origins.⁷⁵ With no scientific basis for what the data was made to mean, the data produced by the project risked making an already cruel and exhausting process even more so by adding an additional arbitrary barrier.

Palantir's growing role in a range of UK government bodies, coupled with the lack of transparency from the government on what this role entails, means Palantir will have increasing access to data about people living in the UK, and the power to shape the processing and analysis of this data, with no accountability to the public.

⁷² MacMillan D. and Dwoskin E., "The war inside Palantir: Data-mining firm's ties to ICE under attack by employees", *Washington Post*, 22 August 2019, https://www.washingtonpost.com/business/2019/08/22/war-inside-palantir-data-mining-firms-ties-ice-under-attack-by-employees/.

⁷³ BBC News, "Experts condemn asylum DNA tests", 30 September 2019, http://news.bbc.co.uk/1/hi/uk/8282654.stm.

⁷⁴ Travis, J., "Scientists Decry Isotope, DNA Testing of 'Nationality'", *Science*, 2 October 2009, https://science.sciencemag.org/content/326/5949/30.summary.

⁷⁵ *BBC News*, "Experts condemn asylum DNA tests", 30 September 2019, http://news.bbc.co.uk/1/hi/uk/8282654.stm.

There is no transparency around which Palantir products the UK government bodies use in many cases; nor do we know if Data Protection Impact Assessments and Equality and Human Rights Impact Assessments are completed in relation to all Palantir products deployed. And one of the problems with a private company holding or even just having access to so much information about the public is that requests for transparency can be denied as a matter of protecting 'commercial interest.'

In other words, we often do not know what, if any, safeguards are in place to protect our data, and ensure that it is not misused – for discriminatory policing, for unjustified deportation of those already living precariously in the UK, for training new technology in a way that could replicate these kinds of abuses.

The extent to which Palantir is already involved in the functioning of the UK government should be alarming for those concerned with transparency and accountability. As we have written previously,

"when states transfer more power to private entities, the public loses. The government becomes a body designed to service the needs and interests of profit-seeking private entities rather than its citizens. Worse, citizens lose much of their power to hold governments accountable: the government abdicates and transfers responsibility to private actors against which citizens have fewer rights."

⁷⁶ Privacy International and No Tech For Tyrants, "The Corona Contracts: Public-Private Partnerships and the Need for Transparency-, 26 June 2020, http://privacyinternational.org/long-read/3977/corona-contracts-public-private-partnerships-and-need-transparency.

PALANTIR'S GLOBAL RECORD

A closer look at Palantir's engagements on a global scale highlights that the company provides services around the world, often with a similar lack of transparency.

PALANTIR IN THE US

It's hard to overstate Palantir's close relationship with the US government. The data analysis company has contracts with, among others, the Department of Defense⁷⁷, Department of Justice⁷⁸, Department of Health and Human Services⁷⁹, the Securities and Exchange Commission⁸⁰, the Department of State⁸¹, the Department of Agriculture⁸², the Department of Commerce⁸³, and the Department of Homeland Security⁸⁴. Through its venture capital branch In–Q–Tel, the US Central Intelligence

 $\label{lem:https://www.fpds.gov/ezsearch/fpdsportal?q=palantir+DEPARTMENT_FULL_NAME%3A%22DEPT+OF+DEFENSE%22\&s=FPDSNG.COM&templateName=1.5.1&indexName=awardfull&x=0&y=0&sortBy=SIGNED_DATE&desc=Y.$

 $\dot{https://www.fpds.gov/ezsearch/fpdsportal?q=palantir+DEPARTMENT_FULL_NAME\%3A\%22JUSTICE\%2C+DEPARTMENT+OF\%22\&s=FPDSNG.COM\&templateName=1.5.1\&indexName=awardfull\&x=0\&y=0.$

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https://www.fpds.gov/ezsearch/fpdsportal?q=palantir+DEPARTMENT_FULL_NAME%3A%22STATE%2C+DEPARTMENT+OF%22&s=FPDSNG.COM&templateName=1.5.1&indexName=awardfull&x=0&y=0.

82 US Government contracts with the Department of Agriculture:

 $https://www.fpds.gov/ezsearch/fpdsportal?q=palantir+DEPARTMENT_FULL_NAME%3A%22AGRICULTURE%2C+DEPARTMENT+OF%22&s=FPDSNG.COM&templateName=1.5.1&indexName=awardfull&x=0&y=0. \\ ^{83}$ US Government contracts with the Department of Commerce:

https://www.fpds.gov/ezsearch/fpdsportal?q=palantir+DEPARTMENT_FULL_NAME%3A%22COMMERCE %2C+DEPARTMENT+OF%22&s=FPDSNG.COM&templateName=1.5.1&indexName=awardfull&x=0&y=0. 84 US Government contracts with the Department of Homeland Security:

https://www.fpds.gov/ezsearch/fpdsportal?q=palantir+DEPARTMENT_FULL_NAME%3A%22HOMELAND+SECURITY%2C+DEPARTMENT+OF%22&s=FPDSNG.COM&templateName=1.5.1&indexName=awardfull&x=0&y=0.

⁷⁷ US Government contracts with the Department of Defense:

⁷⁸ US Government contracts with the Department of Justice:

⁷⁹ US Government contracts with the Department of Health and Human Services:

⁸⁰ US Government contracts with the Securities and Exchange Commission:

⁸¹ US Government contracts with the Department of State:

Agency invested in Palantir as a start-up.⁸⁵ According to a 2019 report by the US-based advocacy organization Mijente, the CIA also provided creative direction for Palantir's forays into counter-terrorism, and is still a shareholder in Palantir.⁸⁶

Palantir and the U.S. Department of Health and Human Services

Palantir has played an integral role in the US effort to process and analyse data related to Covid-19. On April 10, U.S. Department of Health and Human Services (HHS) awarded Palantir a \$17.4 million contract with a subsidiary agency, the Program Support Center (PSC).⁸⁷ The money, which came out of the federal government's Covid-19 relief fund, is being used to license Gotham.

And on April 21, it was reported that Palantir was granted additional funds (\$7.5 million) to help with the HHS Protect platform, which "...pulls data from across the federal government, state and local governments, healthcare facilities, and colleges, to help administration officials determine how to 'mitigate and prevent spread' of the coronavirus."⁸⁸

The Palantir contracts worried Congressional Hispanic Caucus (CHC) members. They were concerned "...about the use of this health data for purposes beyond the preservation of public health." In the past, the Trump administration has permitted Immigration and Customs Enforcement (ICE) to access confidential data collected by the HHS. The Brennan Center for Justice notes that historical collaboration

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⁸⁵ Waldman, P. and others, "Peter Thiel's data-mining company is using War on Terror tools to track American citizens. The scary thing? Palantir is desperate for new customers.", *Bloomberg*, 19 April 2018, https://www.bloomberg.com/features/2018-palantir-peter-thiel/; Brewster T., "Palantir, The Peter Thiel-Backed \$20 Billion Big Data Cruncher, Scores \$17 Million Coronavirus Emergency Relief Deal", *Forbes*, 21 April 2020, https://www.forbes.com/sites/thomasbrewster/2020/04/11/palantir-the-peter-thiel-backed-20-billion-big-data-cruncher-scores-17-million-coronavirus-emergency-relief-deal/#4e03b4c95ed1.

⁸⁶ Mijente, "The War Against Immigrants: Trump's Tech Tools Powered By Palantir", 2019 https://notechforice.com/palantir/, pp 28-29.

⁸⁷ Contract Summary – Delivery Order (DO) PIID 75P00120F80084. (n.d.). Retrieved 16 September 2020 from https://www.usaspending.gov/award/CONT_AWD_75P00120F80084_7570_GS35F0086U_4730.
88 Brewster T., "Palantir, The Peter Thiel-Backed \$20 Billion Big Data Cruncher, Scores \$17 Million Coronavirus Emergency Relief Deal", Forbes, 21 April 2020, https://www.forbes.com/sites/thomasbrewster/2020/04/11/palantir-the-peter-thiel-backed-20-billion-big-data-cruncher-scores-17-million-coronavirus-emergency-relief-deal/#4e03b4c95ed1.
89 Congressional Hispanic Caucus Members, "Press Release: Congressional Hispanic Caucus Members Demand Trump Administration Release HHS Contracts with Palantir", 25 June 2020, https://chc.house.gov/media-center/press-releases/congressional-hispanic-caucus-members-demand-trump-administration.

between HHS and ICE has led directly to the arrest and deportation of hundreds of immigrants. On An HHS spokesperson rejected the CHC's concerns, but Democratic senators were unsatisfied with the response. Oliven Palantir's work with ICE and HHS's prior collaboration, the senators worried that "...data in HHS Protect could be used by other federal agencies in unexpected, unregulated, and potentially harmful ways, such as in the law and immigration enforcement context."

The senators' worries were amplified when HHS took over control of COVID-19 reporting by hospitals from the Centers for Disease Control and Prevention (CDC) in mid-July.⁹³ Though the CDC re-gained responsibility for data collection in late August, concerns remain.⁹⁴

Palantir and the U.S. Department of Homeland Security

As mentioned already, Palantir has faced significant public criticism for its contracts with US Immigration and Customs Enforcement (ICE), an agency under the US Department of Homeland Security (DHS), who have faced significant outcry over their policy of separating children from their families, and keeping them in horrific conditions.⁹⁵

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⁹⁰ Brennan Center for Justice, Resource: DHS-HHS Information Sharing and ICE Enforcement Against Potential Sponsors of Detained Children: A Resource Page, 6 December 2018, https://www.brennancenter.org/our-work/research-reports/dhs-hhs-information-sharing-and-ice-enforcement-against-potential.

⁹¹ Glaser, A., "Latino House Democrats demand answers on government coronavirus contracts with Palantir", *NBC News*, 25 June 2020, https://www.nbcnews.com/tech/tech-news/latino-house-democrats-demand-answers-government-coronavirus-contracts-palantir-n1232156.

⁹² "Letter to HHS from Democratic senators and members of Congress on HHS Protect Now incentive", *The Washington Post*, 1 July 2020, https://www.washingtonpost.com/context/context-card/e33ec35b-9455-4da1-a035-815d195fb65c/?itid=lk_inline_manual_5.

⁹³ Redfield, R., "Prepared Remarks from HHS Media Call with CDC Director Redfield and CIO Arrieta on COVID-19 Data Collection, *HHS.gov.*, 15 July 2020, https://www.hhs.gov/about/news/2020/07/15/prepared-remarks-from-hhs-media-call-cdc-director-redfield-cio-arrieta-covid-19-data-collection.html.

⁹⁴ Whelan, R., "Covid-19 Data Will Once Again Be Collected by CDC, in Policy Reversal", *The Wall Street Journal*, 20 August 2020, https://www.wsj.com/articles/troubled-covid-19-data-system-returning-to-cdc-11597945770.

⁹⁵ Holpuch, A., "Trump's separation of families constitutes torture, doctors find", *The Guardian*, 25 February 2011, https://www.theguardian.com/us-news/2020/feb/25/trump-family-separations-childrentorture-psychology.

The company reportedly built and helped to deploy a data analysis platform used by US immigration authorities – called Investigative Case Management System. ⁹⁶ The platform according to these reports allows agents to query multiple databases at one time, as opposed to agents being required to perform the same search across dozens or more databases. ⁹⁷

Palantir's case management tools are said to be "mission critical" to ICE⁹⁸; and it has been reported that the Palantir tool FALCON played an instrumental role in the mass immigration raids of almost 700 people in Mississippi in August 2019.⁹⁹

Though Palantir representatives tend to state that Palantir stays away from powering deportations in its work with the Department for Homeland Security, Mijente, a US activist group, has alleged that FALCON and the investigative case management tools provided by Palantir are specifically used by ICE for raids and tracking, respectively.¹⁰⁰ The American Civil Liberties Union (ACLU) claimed that the investigative case management system "ingests commercial license plate reader (LPR) data shared by local law enforcement in at least 80 jurisdictions across the country, violating local law and ICE policy."¹⁰¹

Palantir and Project Maven

Project Maven, created in 2017, is a US Department of Defence artificial intelligence drone project that was originally contracted to Google. After protests from

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⁹⁶ Woodman, Sp., "Palantir Provides the Engine for Donald Trump's Deportation Machine", *The Intercept*, 2 March 2017, https://theintercept.com/2017/03/02/palantir-provides-the-engine-for-donald-trumps-deportation-machine/.
⁹⁷ Ibid.

⁹⁸ Mijente, "The War Against Immigrants: Trump's Tech Tools Powered By Palantir", 2019 https://notechforice.com/palantir/, p 4.

⁹⁹ Joseph, G., "Data Company Directly Powers Immigration Raids in Workplace | WNYC | New York Public Radio, Podcasts", *Live Streaming Radio, News*, WNYC, 16 July 2019, https://www.wnyc.org/story/palantir-directly-powers-ice-workplace-raids-emails-show/; Mijente, "BREAKING: Palantir's technology used in Mississippi raids where 680 were arrested | #NoTechForICE", 4 October 2015, https://notechforice.com/breaking-palantirs-technology-used-in-mississippi-raids-where-680-were-arrested/.

¹⁰⁰ Mijente, "The War Against Immigrants: Trump's Tech Tools Powered By Palantir", 2019 https://notechforice.com/palantir/, p 10.

¹⁰¹ Quote from Mijente, "The War Against Immigrants: Trump's Tech Tools Powered By Palantir", 2019 https://notechforice.com/palantir/, p. 8. But see also, Talla, V. "Documents Reveal ICE Using Driver Location Data From Local Police for Deportations", ACLU, 13 March 2019, https://www.aclu.org/blog/immigrants-rights/ice-and-border-patrol-abuses/documents-reveal-ice-using-driver-location-data.

employees, Google announced in 2018 that it would be walking away from the Maven contract. ¹⁰² In December 2019, news broke that the contract would be awarded to Palantir. ¹⁰³

Previously named the Algorithmic Warfare Cross-Functional Team, Project Maven uses artificial intelligence to do imaging analysis on drone footage (for example, by identifying and tagging different types of objects that appear in the footage) and ultimately attempts to improve the Pentagon's drone usage capabilities.

PALANTIR IN EUROPE

In July 2019, the Gesellschaft für Freiheitsrechte in Germany, filed legal proceedings with Karlsruhe Constitutional Court against Hessen Police for the expansion of surveillance powers, obtained through their contract with Palantir. The Palantir—supplied predictive policing software suite, known as Hessendata, triangulates a number of distinct datasets from police and other databases, including social media, enabling the automated analysis of potential suspects.

Palantir has also operated extensively in the neighbouring country, Denmark. In February 2017, following the 2016 purchase of software from Palantir Technologies, the Danish Ministry of Justice presented a draft legislation for public consultation with the objective of justifying the processing of personal data through the Palantir-supplied software (which exists in two iteration: POL-INTEL, for the Danish Police, and PET-INTEL, for the Danish Intelligence Service). Circumventing the GDPR through a national exemption, the contract, which was signed for 84

¹⁰² Greene, T., "Report: Google to abandon Project Maven after government contract ends", The Next Web, 1 June 2018, https://thenextweb.com/artificial-intelligence/2018/06/01/google-announces-it-wont-renew-military-ai-contract/.

¹⁰³ Greene, T., "Report: Palantir took over Project Maven, the military Al program too unethical for Google", *The Next Web*, 11 December 2019, https://thenextweb.com/artificial-intelligence/2019/12/11/report-palantir-took-over-project-maven-the-military-ai-program-too-unethical-for-google/.

¹⁰⁴ Mattes, A. L., "Hessentrojaner und Hessendata greifen Grundrechte an", Gesellschaft für Freiheitrechte, 2 July 2019, https://freiheitsrechte.org/pm-vb-hessen/

¹⁰⁵ Dahllof St. and others, "EU states copy Israel's 'predictive policing', EU Observer, 6 October 2017, https://euobserver.com/justice/139277

months¹⁰⁶, gives the PET and the Police the ability to allegedly predict likely cases of terrorism before they occur. It is currently unclear exactly what variables are used, how data is parsed, and when something might flag up as a potential threat.

In addition to Germany and Denmark, Palantir's reported European operations include:

- Palantir and the European Commission¹⁰⁷
- Palantir in France ¹⁰⁸
- Palantir also partnered with Scuderia Ferrari in Italy 109
- Norwegian-based Marlink acquired Palantir's Norway division¹¹⁰
- Palantir's partnership with Norwegian police and customs¹¹¹

PALANTIR AND ISRAEL

The New York Times first reported in 2014 that Palantir has contracts with the Israeli government. Some employees protested those contracts, because they "...disagree with its [Israel's] policies toward Palestinians." In 2017, Haaretz reported that Israeli security organisations contract with only two technology companies that provide

No Tech For Tyrants, "NoTechFor: (E)U", 14 July 2020, https://notechfortyrants.org/2020/07/14/notechfor-eu/

Marlink acquires long-term vessel IT management partner Palantir, 17 March 2017, https://marlink.com/marlink-acquires-long-term-vessel-it-management-partner-palantir/.

Standal, B., "Storebrors synestein", Dagbladet, 4 April 2018, https://www.dagbladet.no/kultur/storebrors-synestein/69665007

Hardy, Q., "Unlock Secrets, if Not Its Own Value", The New York Times, 31 May 2014, https://www.nytimes.com/2014/06/01/business/unlocking-secrets-if-not-its-own-value.html.

¹⁰⁶ Winston, A., "Palantir has secretly been using New Orleans to test its predictive policing technology", The Verge, 27 February 2018, https://www.theverge.com/2018/2/27/17054740/palantir-predictive-policing-tool-new-orleans-nopd

¹⁰⁸ Cohen-Grillet, Ph., "Trump-linked US firm at heart of French intelligence", *EU Observer*, 9 June 2017, https://euobserver.com/beyond-brussels/138155.

^{*}Palantir Foundry Enables Scuderia Ferrari Through Data", 4 September 2018 https://www.prnewswire.com/news-releases/palantir-foundry-enables-scuderia-ferrari-through-data-873451908.html.

predictive analytics systems: Fifth Dimension and Palantir. 113 Israel uses those systems to analyse social media posts for the purpose of identifying individuals who fit the "...terrorist profile." ¹¹⁴ As a consequence, Palestinians are reportedly surveilled, questioned, detained, and arrested for, say, "...posting photos of family members killed by Israeli forces or in prison, citing Quranic verses, or calling for protests."115

PALANTIR AND THE WORLD FOOD PROGRAMME

In February 2019, Palantir and the United Nations World Food Programme (WFP) entered a "five-year partnership aimed at helping WFP use its data to streamline the delivery of food and cash-based assistance"116. By bringing together a number of disparate complex datasets, Palantir's products (mainly 'Foundry') are allegedly enabling the UN mandated organisation to better meet the needs of vulnerable populations. However, a recent standoff between the WFP and Houthis in Yemen, who were denied aid in the face of refusal to register their biometric information, warrants proportionality concern over how far the institution will go to record invasive personal data on beneficiaries, even children.

This is further compounded by their Palantir contract, which enables the WFP to generate wide-scale insights, with the risk of seriously compromising the privacy of aid recipients, and in turn present Palantir with the opportunity to deploy, test, and improve their products on the back on fragile populations in contexts of suspended or limited rights. PI have questioned this partnership in the past, not least because of its potential violation of a principle of humanitarian action, namely that agencies are neutral. 117

115 *Ibid*

¹¹³ Hirschauge, O. and Shezaf H., "How Israel Jails Palestinians Because They Fit the 'Terrorist Profile."", Haaretz, 31 May 2017, https://www.haaretz.com/israel-news/.premium.MAGAZINE-israel-jailspalestinians-who-fit-terrorist-profile-1.5477437. 14 Ibid.

¹¹⁶ World Food Programme, "Palantir and WFP partner to help transform global humanitarian delivery", 5 https://www.wfp.org/news/palantir-and-wfp-partner-help-transform-globalhumanitarian-delivery.

¹¹⁷ PI, "One of the UN's largest aid programmes just signed a deal with the CIA-backed data monolith Palantir", 12 February 2019, http://privacyinternational.org/news-analysis/2712/one-uns-largest-aidprogrammes-just-signed-deal-cia-backed-data-monolith.

PALANTIR'S PRIVACY AND CIVIL LIBERTIES COUNCIL

In addition to its team of Privacy and Civil Liberties Engineers, Palantir has an advisory council of independent experts who provide insight related to privacy and digital civil liberties. In 2012, Palantir announced the creation of this body: the Palantir Council of Advisors on Privacy and Civil Liberties (PCAP)¹¹⁸. In 2014, PCAP expanded for a more European and international focus. PCAP members have included academics, digital civil liberties activists, and technology experts.

Members are "free to criticize" Palantir's work, though they are under NDAs.¹¹⁹

Palantir says that:

"particularly in the world of data analysis, liberty does not have to be sacrificed to enhance security. Palantir is constantly looking for ways to protect privacy and individual liberty through its technology while enabling the powerful analysis necessary to generate the actionable intelligence that our law enforcement and intelligence agencies need to fulfil their missions," and that at Palantir, "[w]e obligate ourselves to do what is right, not just what is legal." 120

Such a statement gives the impression that Palantir is critically thinking about problems of right and wrong, of privacy and individual liberty – just behind closed doors. They claim they are working hard to create a better society that preserves privacy and civil liberties and avoid mistaking algorithms for universal solutions to ethical problems. Palantir appears is conducting due diligence on paper. The next section highlights what needs to be done for this veneer of respect for privacy, liberty and civil rights to be verified and upheld in practice.

 [&]quot;Announcing the Palantir Council on Privacy and Civil Liberties", Palantir, November 2012, https://www.palantir.com/2012/11/announcing-the-palantir-council-on-privacy-and-civil-liberties/.
 Palantir. (n.d.), "Announcing the Palantir Council on Privacy and Civil Liberties. Palantir", Retrieved on 19 September 2020, from https://palantir.com/2012/11/announcing-the-palantir-council-on-privacy-and-civil-liberties.

¹²⁰ Palantir. (n.d.), "*Palantir Technologies-Privacy & Civil Liberties*. AU GradConnection". Retrieved 20 September 2020, from https://au.gradconnection.com/employers/palantir-technologies/privacy-civil-liberties/.

WHERE DO WE GO FROM HERE?

HOW DO WE HOLD THE UK GOVERNMENT AND PALANTIR TO ACCOUNT?

In the lead-up to the company's direct listing, we have witnessed an outburst of protest and concern across the US and UK, from migrants' rights activists to technologists to privacy scholars¹²¹. The message is clear: there is a global concern about such lack of transparency in public private partnerships. In order to ensure that Palantir does not continue to embed itself in the UK government without any scrutiny, continued public attention and engagement from all sectors is crucial. As more and more people develop concerns about the role of structurally problematic technologies in governance, it will be crucial to apply pressure to decision-makers who have always had the option of saying "no" to such agreements.

RECOMMENDATIONS FOR THE UK GOVERNMENT:

Against the backdrop of a crisis of confidence in the government's handling of data following the many scandals related to invasive practices around citizen data, (from Cambridge Analytica to the A-levels algorithm), it would behave the government to avoid yet another democratic deficit by introducing greater transparency and stricter protections on its dealings with tech giants. A number of actions can be carried out at this stage, especially in light of the increased momentum around

¹²¹ Franco, M. "Palantir filed to go public. The firm's unethical technology should horrify us", The Guardian, 4 September 2020, https://www.theguardian.com/commentisfree/2020/sep/04/palantir-ipo-ice-immigration-trump-administration.

Palantir's opening to markets. 122

1) Incorporate human rights into public sector procurement policy

The government should ensure that all public sector procurement is conditioned upon the human rights compliance of the companies competing for the contracts. As underlined by the Parliamentary Committee on Human Rights, "If the Government expects businesses to take human rights issues in their supply chains seriously, it must demonstrate at least the same level of commitment in its own procurement supply chains." ¹²³

2) Provide human rights impact assessment of all contracts with Palantir

The government should commission an urgent independent review or parliamentary inquiry into the human rights compliance of Palantir and other high-profile companies involved in the response to Covid-19. This report should, among other aspects, assess the companies' human rights policies, compliance with international and national standards, and conduct a strict human rights impact assessment and investigation of their record. Given the importance of public trust in the government at this crucial time, government departments responsible for responding to Covid-19 should cease entering into new contracts with Palantir until the results of this independent review.

3) Increase transparency around contracts with Palantir and other tech companies.

¹²² Franco, M., "Palantir filed to go public. The firm's unethical technology should horrify us", *The Guardian*, 4 September 2020, https://www.theguardian.com/commentisfree/2020/sep/04/palantir-ipo-ice-immigration-trump-administration.

[&]quot;Human Rights and Business 2017: Promoting responsibility and ensuring accountability – The UK's Government's approach to human rights and business", UK Human Rights (Joint Committee), UK Parliament, 4 April 2017, https://publications.parliament.uk/pa/jt201617/jtselect/jtrights/443/44307.htm.

The NHS/Palantir contracts were released only after immense pressure from civil society, and our FOIA Requests have revealed that a great deal of information about Palantir's access to our government is not easily accessible to the public. Increased public attention and education regarding the issue is crucial: foremost, all government departments and public bodies with contracts with Palantir should make publicly available all such contracts, data sharing agreements, and related impact assessments. And these documents should be made public as standard for all public private partnerships of these kinds.

What you can do now

All these changes are vital. We can't wait for accountability. Sign this petition to make sure the Palantir/NHS datastore discussion gets the appropriate scrutiny in Parliament:

https://petition.parliament.uk/petitions/332714

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