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In the  
**Supreme Court of the United States**

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**Jamarr Smith, Thomas Iroko Ayodele, Gilbert McThunel, II**

*Petitioners,*

v.

**United States of America,**

*Respondent.*

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On Application for an Extension of Time to File Petition for a Writ of  
Certiorari from the United States Court of Appeals for the Fifth  
Circuit

Fifth Circuit Case No. 23-60321

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To the Honorable Samuel A. Alito, as Circuit Justice for the United States Court of Appeals for the Fifth Circuit:

In accordance with this Court’s Rules 13.5, 22, 30.2, and 30.3, Applicants Jamarr Smith, Gilbert McThunel II, and Thomas Iroko Ayodele respectfully request that the time to file their petition for a writ of certiorari be extended for 60 days, up to and including, Friday, June 13, 2025. The Court of Appeals issued its opinion on August 9, 2024 (Exhibit A) and denied rehearing en banc on January 14, 2025 (Exhibit B). Absent an extension of time, the petition would be due on April 14, 2025. Applicants are filing this Application more than ten days before that date. *See* Sup. Ct. R. 13.5. The jurisdiction of this Court is based on 28 U.S.C. § 1254(1). This request is unopposed by the government.

### **BACKGROUND**

This case involves a geofence warrant that the government issued to Google, Inc. in 2018. In order to identify three robbers of a post office in rural Mississippi, law enforcement commandeered Google to search the Location History data belonging to 592 million users across the country. Investigators ultimately seized data from three separate devices reported near the crime, decided for themselves which ones were relevant, and then obtained additional location data and identifying information for the associated Google accounts. Police later determined that one of them was likely uninvolved, while two others led to the prosecution of the defendants in this case.

In a 38-page published opinion, a panel of the Fifth Circuit held that the use of such “geofence warrants” is unconstitutional under the Fourth Amendment. Exh. A at 1;

*see also United States v. Smith*, 110 F.4th 817 (5th Cir. 2024). Relying on *Carpenter v. United States*, 585 U.S. 296 (2018), and the Supreme Court’s reinforcement of privacy rights in the digital age, *see United States v. Jones*, 565 U.S. 400 (2012); *Riley v. California*, 573 U.S. 373 (2014), the Fifth Circuit found that people have a reasonable expectation of privacy in their Google Location History data. Exh A at 21-30. The Fifth Circuit then correctly held that geofence warrants are “modern-day general warrants” that fundamentally fail to meet the Fourth Amendment’s particularity and probable cause requirements. Exh. A at 38. By their nature, the court concluded, geofence warrants are digital dragnets that “present the exact sort of ‘general, exploratory rummaging’ that the Fourth Amendment was designed to prevent.” Exh. A at 16.

However, the court also found that the “good faith” exception established by *United States v. Leon*, 468 U.S. 897 (1984) applied in this case and affirmed the District Court’s denial of Defendants’ motion to suppress, which upheld the Defendants’ convictions. Exh. A at 37. The Defendants/Applicants herein intend to seek certiorari concerning the Fifth Circuit’s affirmance of the application of the “good faith” exception in this case.

## **REASONS FOR GRANTING AN EXTENSION OF TIME**

On July 9, 2024, in *United States v. Chatrie*, 107 F.4th 319 (4th Cir. 2024), Reh'g en banc granted, 2024 WL 4648102 (4th Cir. 2024), a panel of the Fourth Circuit Court of Appeals found that a geofence warrant of a similar nature to that at issue in the instant case was not a search pursuant to the third-party doctrine, and was therefore

constitutional because the account holder had no expectation of privacy in that data. *Chatrie*, 107 F.4th at 332. Though the Fifth Circuit decision in this case directly conflicted with the panel decision in *Chatrie*,<sup>1</sup> that decision has now been vacated because the fourth circuit granted rehearing. *See United States v. Chatrie*, 2024 WL 4648102 (4th Cir. 2024). The Fourth Circuit heard oral argument en banc in *Chatrie* on January 30, 2025 and a ruling is currently pending.<sup>2</sup> Having a ruling in *Chatrie* before seeking certiorari in the instant case would be helpful because the Fourth Circuit's en banc decision in this case may result in a circuit split on one or more relevant issues.

This case presents also issues of national importance concerning the government's use of intrusive investigative techniques. Numerous scholarly articles have been written about geofence warrants, their constitutionality, and the need for the Supreme Court to address these issues. *See e.g. Courts are Split: A Look at the Constitutionality of Geofence Warrants*, 87 Tex. B.J. 776 (Nov. 2024); *Fifth Circuit Rules that Geofence Warrants are Unconstitutional, Creates Circuit Split*, Westlaw Data Privacy Daily Briefing, 2024 WL 3763326 (August 13, 2024); Aaron A. Bengart, *Always A Suspect: Law Enforcement's Violative Use of Geofence Warrants and Geolocation Data in Criminal Investigations and Proceedings*, 7 Cardozo Int'l & Comp. L. Rev. 639, 640

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<sup>1</sup> Here, the Fifth Circuit specifically and directly rejected the reasoning of the panel in *Chatrie* as to application of the third-party doctrine, finding that it did not apply in this case. *Smith*, 110 F.4th at 820.

<sup>2</sup> The 11<sup>th</sup> Circuit is currently the only other circuit court to address a geofence warrant; however, the applicants believe that case is not completely opposite because it turned solely on lack of standing to challenge the search of someone else's Location History data. *See United States v. Davis*, 109 F.4th 1320, 1324 (11th Cir. 2024).

(2024); Shelby Stender, *Circumventing the Fourth Amendment: The Unconstitutional Nature of Geofence Warrants*, 2024 Utah L. Rev. 733 (2024); Ryan Tursi, *Gone Fishing: Casting A Wide Net Using Geofence Warrants*, 98 Wash. L. Rev. 323 (2023); Danny Drane, *Why It's Time to Ban Geofence Searches in Light of United States v. Chatrue*, 38 Berkeley Tech. L.J. 1307 (2023); Brian L. Owsley, *The Best Offense Is a Good Defense: Fourth Amendment Implications of Geofence Warrants*, 50 Hofstra L. Rev. 829, 838 (2022); Note, *Geofence Warrants and the Fourth Amendment*, 134 Harv. L. Rev. 2508, 2512 (2021); A. Reed McLeod, Note, *Geofence Warrants: Geolocating the Fourth Amendment*, 30 Wm. & Mary Bill Rts. J. 531, 549 (2021).

## **CONCLUSION**

For the foregoing reasons, the Applicants respectfully request that the time to file the Petition for Writ of Certiorari in this matter be extended 60 days, up to and including

June 13, 2025.

Respectfully submitted,

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## CERTIFICATE OF SERVICE

On March 26, 2025, I filed this through the Court's ECF system and by email.

Opposing Counsel has therefore been served.

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*/s/ Goodloe T. Lewis*  

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*Counsel for Appellant Jamarr Smith*

# United States Court of Appeals for the Fifth Circuit

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No. 23-60321

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United States Court of Appeals  
Fifth Circuit

**FILED**

August 9, 2024

Lyle W. Cayce  
Clerk

UNITED STATES OF AMERICA,

*Plaintiff—Appellee,*

*versus*

JAMARR SMITH; THOMAS IROKO AYODELE; GILBERT  
McTHUNEL, II,

*Defendants—Appellants.*

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Appeal from the United States District Court  
for the Northern District of Mississippi  
USDC No. 3:21-CR-107-1

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Before KING, HO, and ENGELHARDT, *Circuit Judges.*

KING, *Circuit Judge:*

A jury found Appellants guilty of robbery and conspiracy to commit robbery based on evidence obtained through a geofence warrant. On appeal, Appellants challenge the constitutionality of this novel type of warrant under the Fourth Amendment and maintain that the district court erred by failing to suppress all evidence derived therefrom.

We hold that the use of geofence warrants—at least as described herein—is unconstitutional under the Fourth Amendment. In doing so, we part ways with our esteemed colleagues on the Fourth Circuit. *See United*



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*States v. Chatrie*, 107 F.4th 319 (4th Cir. 2024). With that said, we agree with the district court that, here, law enforcement acted in good faith in relying on this type of warrant. Accordingly, we AFFIRM the district court’s denial of Appellants’ motion to suppress.

## **I. Factual & Procedural Background**

### **A. Underlying Offense**

On February 5, 2018, three individuals acting in concert robbed Sylvester Cobbs, a Contract Route Driver with the United States Postal Service. As a Route Driver, Cobbs delivered and picked up mail from five rural post offices in DeSoto County and Tunica County, Mississippi. At the time of the robbery, Cobbs was headed to Lake Cormorant, the fourth of five stops he would make along his route.

The mail that Cobbs collected included registered mail bags, which contained cash receipts collected by the Postal Service from the sale of items such as money orders and stamps. By the time that Cobbs arrived at Lake Cormorant, he had already collected registered mail bags from three other post offices along his route.

At approximately 5:20 p.m., Cobbs arrived at the Lake Cormorant Post Office. As he normally would, Cobbs backed his mail truck up to the back door, where he would retrieve mail bags waiting for him inside the post office. Before Cobbs could open the back door to the post office, however, an unknown assailant—later determined to be Defendant-Appellant Gilbert McThunel—sprayed Cobbs with pepper spray, struck Cobbs multiple times with a handgun, threatened to kill him, and grabbed the registered mail bags from Cobbs’s truck. The mail bags contained \$60,706. Thereafter, the assailant fled, and Cobbs drove his truck to the front of the post office and called 911.

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No suspect was arrested in connection to the robbery on the day of the occurrence. However, around three days after the robbery, Postal Inspector Stephen Mathews began his investigation and was able to locate a video of the incident taken from a camera located at a farm office across the street from the post office. The video showed a red Hyundai and a large white SUV in the area. The video revealed the assailant getting out of the SUV before the robbery, walking behind the building, and waiting for Cobbs to arrive. While behind the building, the assailant had his “hand up to his ear and elbow[] out” for multiple minutes, consistent with talking on a cell phone. However, the video does not show an actual cell phone. Later, after assaulting Cobbs, the assailant went back behind the building, squatted down, and began “looking at something in his hand” which appeared “indicative of” cell phone use. Although not visible on video, it is inferred that the suspect got back into the SUV before fleeing the scene. Based upon his examination of the video, Mathews surmised that three suspects were involved.

Sometime after obtaining the video footage, but prior to applying for any warrants, Mathews located a witness, Forrest Coffman, who lived across the street. Coffman had seen the red Hyundai “circling the area back and forth,” and he decided to ask the driver if he was lost. The driver stated that he was looking for the highway. Coffman gave the driver directions, turned around, and went back inside his house. A “few moments later,” Coffman heard a “bunch of commotion,” stepped outside, and saw officers at the post office. Coffman walked over and spoke with law enforcement, where he described the person in the red Hyundai as a black male with a reddish color goatee. After meeting with law enforcement on the day of the incident, Coffman had no further involvement with the matter for approximately fifteen months.

By November 2018, nine months after the robbery, the Postal Inspection Service had not been able to identify any suspects from video

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footage or witness interviews, and Postal Inspector Todd Matney testified that they “were having a problem identifying the individuals.” However, during the course of their investigation, Matney and Mathews learned about “a new type of search warrant”—a “geofence warrant”—designed to “identify who might be present at the scene of a robbery.” Believing that this warrant could help them rekindle their investigation, on November 8, 2018, Matney and Mathews applied for a geofence warrant seeking information from Google to locate potential suspects and witnesses in connection to the robbery.

### **B. Geofence Warrants: A Primer**

As a relic of their novelty, “[t]here is a relative dearth of case law addressing geofence warrants.” *United States v. Chatrrie*, 590 F. Supp. 3d 901, 906 (E.D. Va. 2022) [hereinafter *Chatrrie (Dist.)*]. As such, we provide a brief history of geofence warrants, as well as a description of law enforcement’s process for obtaining them.<sup>1</sup>

Google received its first geofence warrant request in 2016.<sup>2</sup> *Id.* at 914; *United States v. Chatrrie*, 107 F.4th 319, 323 (4th Cir. 2024) [hereinafter

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<sup>1</sup> Congress has not yet taken a stance on law enforcement’s use of geofence warrants. However, members have expressed their marked disapproval. In July 2020, Alphabet (Google’s parent company) CEO Sundar Pichai appeared before the House Judiciary Subcommittee on Antitrust, Commercial, and Administrative Law. *See* C-SPAN, *CEOs Mark Zuckerberg, Tim Cook, Jeff Bezos & Sundar Pichai Testify Before House Judiciary Cmte*, YOUTUBE (July 29, 2020), <https://perma.cc/7K5T-ACHJ> (discussion at 1:45:17-1:47:50). During the hearing, Representative Kelly Armstrong called geofence warrants “the single most important issue” before the Subcommittee and contended that geofence warrants violate the Fourth Amendment. *Id.* In particular, Representative Armstrong believed that “people would be terrified to know that law enforcement can grab general warrants and get everybody’s information anywhere.” *Id.*

<sup>2</sup> Companies such as Apple, Lyft, Snapchat, and Uber have all received geofence warrant requests, but Google is the most common recipient and “the only one known to

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*Chatrie (App.)*]. Since then, requests for geofence warrants have “skyrocketed in number.” *Chatrie (App.)*, 107 F.4th at 323–24. From 2017 to 2018 alone, requests to Google for geofence warrants increased over 1,500%. *Id.*; Brian L. Owsley, *The Best Offense Is a Good Defense: Fourth Amendment Implications of Geofence Warrants*, 50 HOFSTRA L. REV. 829, 834 (2022). In 2019, Google was receiving about 180 geofence warrant requests per week from law enforcement around the country, amounting to about 9,000 geofence requests for that year. Owsley, *Best Offense, supra* at 834; *Chatrie (Dist.)*, 590 F. Supp. 3d at 914. By 2020, that number went up to 11,500 geofence warrant requests. Owsley, *Best Offense, supra* at 834. By 2021, geofence warrants comprised more than 25% of all warrant requests Google received in the United States. *See* GOOGLE, SUPPLEMENTAL INFORMATION ON GEOFENCE WARRANTS IN THE UNITED STATES 1, <https://perma.cc/XEU3-KEXJ>; Haley Amster & Brett Diehl, Note, *Against Geofences*, 74 STAN. L. REV. 385, 389 & n.11 (2022). Moreover, the use of these warrants has not been limited to egregious or violent crimes. Law enforcement officials have obtained geofence warrants for investigations into stolen pickup trucks and smashed car windows. Amster & Diehl, *Against Geofences, supra* at 396; *see also In re Search of Info. Stored at Premises Controlled by Google, as Further Described in Attachment A*, No. 20 M 297, 2020 WL 5491763, at \*8 (N.D. Ill. July 8, 2020) (“The government’s undisciplined and overuse of this investigative technique in run-of-the-mill cases that present no urgency or imminent danger poses concerns to our collective sense of privacy and trust in law enforcement officials.”).

“Unlike a warrant authorizing surveillance of a known suspect, geofencing is a technique law enforcement has increasingly utilized when the

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respond.” Note, *Geofence Warrants and the Fourth Amendment*, 134 HARV. L. REV. 2508, 2512–13 (2021).

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crime location is known but the identities of suspects [are] not.” *United States v. Rhine*, 652 F. Supp. 3d 38, 66 (D.D.C. 2023). Thus, geofence warrants effectively “work in reverse” from traditional search warrants. Amster & Diehl, *Against Geofences*, *supra* at 388 (internal quotation omitted). In requesting a geofence warrant, “[l]aw enforcement simply specifies a location and period of time, and, after judicial approval, companies conduct sweeping searches of their location databases and provide a list of cell phones and affiliated users found at or near a specific area during a given timeframe, both defined by law enforcement.” *Geofence Warrants and the Fourth Amendment*, *supra* at 2509.

So far, Google has been the primary recipient of geofence warrants, in large part due to its extensive Location History database, known as the “Sensorvault.”<sup>3</sup> Amster & Diehl, *Against Geofences*, *supra* at 389. Google

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<sup>3</sup> In December 2023, Google authored a blog post where it announced its intent to modify how and where it stores Location History data. See Marlo McGriff, *Updates to Location History and New Controls Coming Soon to Maps*, GOOGLE: THE KEYWORD (Dec. 12, 2023), <https://perma.cc/DN4Z-7CTA>; see also Cyrus Farivar & Thomas Brewster, *Google Just Killed Warrants that Give Police Access to Location Data*, FORBES (Dec. 14, 2023, 5:43 PM EST), <https://perma.cc/WM83-DAXM>. Google’s decision should make it “impossible for the company to access” Location History data in a move made “explicitly [to] bring an end to . . . dragnet location searches.” Farivar & Brester, *Google Just Killed Warrants that Give Police Access to Location Data*, *supra*. In other words, these changes, in theory, “will eventually render the company unable to fulfill geofence warrants.” Prathi Chowdri, *Emerging Tech and Law Enforcement: What Are Geofences and How Do They Work?*, LEXIPOL (Jan. 4, 2024) (internal quotation omitted), <https://perma.cc/DNL3-XC56>.

However, Google has not fully implemented its new storage methods; the migration will only be complete within “the next several months.” See Stan Kaminsky, *Google Location History Is Now Stored Offline . . . Or Maybe Not*, KASPERSKY DAILY (Mar. 1, 2024), <https://perma.cc/ZM6X-92JZ>. In fact, the Government concedes that it “is still seeking Google geofences,” and that even after Google changes its storage techniques, “the United States . . . may in the future seek geofence warrants from sources other than Google.” Regardless, these facts do not affect this court’s Fourth Amendment analysis regarding the constitutionality of the practice itself.

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collects data from accounts of users who opt in to Google’s Location History service. Location History is disabled by default. *Chatrie (App.)*, 107 F.4th at 322. For Location History to collect data, a user must make sure that the device-location setting is activated, and that Location Reporting is enabled. This is not to say, however, that enabling Location Reporting is a difficult task. Users are often asked to opt in to Location History “multiple times across multiple apps.” *Id.* at 358 n.9 (Wynn, J., dissenting) (quoting *Chatrie (Dist.)*, 590 F. Supp. 3d at 908–09). In fact, “manually deactivating all [Location History] sharing remains difficult and discouraged.” Amster & Diehl, *Against Geofences, supra* at 396–97 (“In 2018, an internal Google email explained that ‘[t]he current [user interface] feels like it is designed to make [limiting Location History collection] possible, yet [it is] difficult enough that people won’t figure it out.’” (internal citation omitted)); *see also In re Search of Info. Stored at Premises Controlled by Google*, 481 F. Supp. 3d 730, 737 n.3 (N.D. Ill. 2020) (“Published reports have indicated that many Google services on Android and Apple devices store the device users’ location data even if the users seek to opt out of being tracked by activating a privacy setting that says it will prevent Google from storing the location data.”).

Google’s Android cell phones, which “comprise about 74% of the total number of smartphones worldwide,” “automatically have an Android operating system, as well as various Google apps that could potentially store a user’s location.” Owsley, *Best Offense, supra* at 834. Apple, which makes approximately 23% of the world’s smartphones, does not keep location data associated with its phones, but its phones still “often have various apps that . . . provide Google with a specific device’s location.” *Id.* at 834–35. In October 2018, Google estimated that approximately 592 million—or roughly one-third—of Google’s users had Location History enabled.

Once a person enables Location History, Google begins to “log[] [the] device’s location [into the Sensorvault], on average, every two minutes” by

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“track[ing] [the] user’s location across every *app* and every *device* associated with the user’s account.” *Chatrie (Dist.)*, 590 F. Supp. 3d at 908–09; *see also Chatrie (App.)*, 107 F.4th at 323 n.6. In other words, “[o]nce a user opts into Location History, Google is always collecting data and storing *all* of that data’ in the Sensorvault.” *Rhine*, 652 F. Supp. 3d at 67 (quoting *Chatrie (Dist.)*, 590 F. Supp. 3d at 909). Location History is stored within the Sensorvault for at least eighteen months, but users may also request that the information be deleted themselves. Amster & Diehl, *Against Geofences, supra* at 394; *Rhine*, 652 F. Supp. 3d at 67.

Moreover, not only is the *volume* of data comprehensive, so is the *quality*. “Location History appears to be the most sweeping, granular, and comprehensive tool—to a significant degree—when it comes to collecting and storing location data.” *Chatrie (App.)*, 107 F.4th at 349 (Wynn, J., dissenting) (quoting *Chatrie (Dist.)*, 590 F. Supp. 3d at 907). The data is “considerably more precise than other kinds of location data, including cell-site location information because [Location History] is determined based on multiple inputs, including GPS signals, signals from nearby Wi-Fi networks, Bluetooth beacons, and cell towers.” *Rhine*, 652 F. Supp. 3d at 67 (internal quotations omitted). Google refers collectively to this data, regardless of its source, as “Location History.” Amster & Diehl, *Against Geofences, supra* at 394. Location History data allows Google to “potentially locate an individual within about sixty feet or less,” and in certain circumstances, down to three meters. Owsley, *Best Offense, supra* at 835; *Chatrie (Dist.)*, 590 F. Supp. 3d at 909. In fact, Location History data can “even discern elevation, locating the specific *floor in a building* where a person might be.” *Chatrie (App.)*, 107 F.4th at 349 (Wynn, J., dissenting); *see also Chatrie (Dist.)*, 590 F. Supp. 3d at 908 (noting that Location History data can “determine if you are on the second [or first] floor of [a] mall”). However, Location History cannot estimate a device’s location with absolute precision. Instead, when Google reports a

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device's location, it includes both the source from which the specific datapoint was derived, and a "confidence interval" indicating Google's confidence in that estimated location. The smaller the radius, the more confident Google is in that phone's exact location. According to Google, it "aims to accurately capture roughly 68 percent of users within [its] confidence intervals." *Chatrie (Dist.)*, 590 F. Supp. 3d at 909 (internal quotation omitted); *Chatrie (App.)*, 107 F.4th at 323. "[I]n other words, there [is] a 68 percent likelihood that a user is somewhere inside the confidence interval." *Chatrie (Dist.)*, 590 F. Supp. 3d at 909 (internal quotation omitted); *Chatrie (App.)*, 107 F.4th at 323.

Using the raw data that it collects, Google builds "aggregate models" using a "proprietary, and therefore un-reviewed, algorithm" that transforms the data to assist with improving Google's services, including, for example, "decision-making in Google Maps." *Wells v. State*, 675 S.W.3d 814, 830 (Tex. App.—Dallas 2023, pet. granted); *Chatrie (Dist.)*, 590 F. Supp. 3d at 908; *Chatrie (App.)*, 107 F.4th at 323. It also uses the data to analyze "[its] customers[']... travel patterns, their history patterns, to make recommendations and sell advertising." In short, Google does not store this data for the purpose of law enforcement, but rather for commercial purposes. *Wells*, 675 S.W.3d at 830.

But, if you build it, they will come. *See Geofence Warrants and the Fourth Amendment, supra* at 2508. Early on, when law enforcement officials first started requesting geofence warrants, they would simply ask Google to identify all users who were in a geographic area during a given time frame. However, Google began taking issue with these early warrants, believing them to be a "potential threat to user privacy." *Chatrie (App.)*, 107 F.4th at 324. Thus, Google developed an internal procedure on how to respond to geofence warrants. *Id.* This procedure is divided into three steps.



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**Step 1**

At Step 1, law enforcement provides Google with the geographical and temporal parameters around the time and place where the alleged crime occurred. Following, Google searches its Sensorvault for all users who had Location History enabled during the law enforcement-provided timeframe. *Chatrie (Dist.)*, 590 F. Supp. 3d at 914–15. Google is not capable of storing data in a way that enables it to search a specific area, nor does Google know which users have saved their Location History prior to its search. *Id.* at 915. Thus, for every single geofence warrant Google responds to, it must search each account in its entire Sensorvault—all 592 million—to find responsive user records. It cannot just look at individual accounts. *See Chatrie (App.)*, 107 F.4th at 324 (“Google does not keep any lists like this on-hand. So it must first comb through its entire Location History repository to identify users who were present in the geofence.”).

After Google searches its Sensorvault, it determines which accounts were within the geographic parameters of the warrant and lists each of those accounts with an anonymized device ID. Google also includes the date and time, the latitude and longitude, the geolocation source used, and the map display radius (*i.e.*, the confidence interval). The volume of geofence data produced “depends on the size and nature of the geographic area and length of time covered by the geofence request.” *Chatrie (Dist.)*, 590 F. Supp. 3d at 915. “Google does not impose specific, objective restraints on the size of the geofence, the length of the relevant timeframe, or the number of users for which it will produce data.” *Id.* Rather, a Google Legal Investigation Specialist employee reviews the geofence warrant, consults with legal counsel, and works with law enforcement to assuage any of Google’s concerns before turning the data over and moving on to Step 2. *Id.* at 907, 915–16; *see also Chatrie (App.)*, 107 F.4th at 324.

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### Step 2

At Step 2, law enforcement contextualizes and narrows the data. During this step, law enforcement reviews the anonymized list provided by Google and determines which IDs are relevant. As part of this review, “[i]f law enforcement needs additional de-identified location information for a certain device to determine whether that device is actually relevant to the investigation, law enforcement . . . can compel Google to provide additional . . . location coordinates *beyond* the time and geographic scope of the original request.” *Chatrie (Dist.)*, 590 F. Supp. 3d at 916 (cleaned up); *Chatrie (App.)*, 107 F.4th at 324. The purpose of this additional data is to assist law enforcement in eliminating devices that are, for example, “not in the target location for enough time to be of interest, [or] were moving through the target location in a manner inconsistent with other evidence.” *Chatrie (Dist.)*, 590 F. Supp. 3d at 916. As a general matter, “Google imposes no geographical limits on this Step 2 data.” *Id.* (internal quotation omitted); *Chatrie (App.)*, 107 F.4th at 324. “Google does, however, typically require law enforcement to narrow the number of users for which it requests Step 2 data so that the Government cannot . . . simply seek geographically unrestricted data for *all* users within the geofence.” *Chatrie (Dist.)*, 590 F. Supp. 3d at 916; *Chatrie (App.)*, 107 F.4th at 324.

### Step 3

Finally, at Step 3, law enforcement compels Google to provide account-identifying information for the users that they determine are “relevant to the investigation.” *Chatrie (App.)*, 107 F.4th at 324. This identifying information includes the names and emails associated with the listed device IDs. Using this information, law enforcement can then pursue further investigative techniques, such as cell phone tracking, or sending out additional warrants tailored to the specific information received.

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As a final note, even given the vast amount of data Google has, and the unprecedented precision of Google’s Location History, the results are not always spectacular. First, “[m]any geofence warrants do not lead to arrests.” *Geofence Warrants and the Fourth Amendment, supra* at 2520. Moreover, “[m]any are rendered useless due to Google’s slow response time, which can take as long as six months because of the Sensorvault’s size and the large number of warrants that Google receives.” *Id.* Second, as to warrants that are issued, the data Google returns is not always perfect, and sometimes contains false positives. In fact, there are already documented accounts of innocent bystanders being swept into geofence warrants based solely on their proximity to a crime.<sup>4</sup> In short, while false negatives appear to be “more extremely rare”—given the accuracy of Google’s data—false positives are still an area of concern.

### C. Geofence Application and Warrant at Issue

Returning to the matter at hand, the warrant here, like any other warrant, began with an Application for a Search Warrant. That application contained an attached affidavit from Matney, which Mathews helped write.

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<sup>4</sup> For example, Zachary McCoy, an avid bike rider, was swept into a geofence search because on the day of a burglary, he biked past the victim’s house three times within an hour. Jon Schuppe, *Google Tracked His Bike Ride Past a Burglarized Home. That Made Him a Suspect.*, NBC NEWS (Mar. 7, 2020, 5:22 AM CST), <https://perma.cc/9WJK-67TW>. In another case, based on a Google geofence warrant, Arizona police officers jailed Jorge Molina for six days on suspicion of murder. Meg O’Connor, *Avondale Man Sues After Google Data Leads to Wrongful Arrest for Murder*, PHX. NEW TIMES (Jan. 16, 2020), <https://perma.cc/GLJ8-AHP9>. As it turns out, Molina’s stepfather—the man ultimately arrested for the murder—had been using one of Molina’s old cell phones, which inadvertently remained logged in to Molina’s email and social media accounts. *Id.* As a result, Molina lost his job, was unable to pass a background check, and even lost title to his vehicle because police impounded his car during the investigation. *Id.*

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Because this type of warrant was new, particularly to Mathews, the Postal Inspectors consulted with other law enforcement agencies when writing the application. Additionally, the Inspectors used several different “go-bys” — or form documents—to ensure that their application had all the necessary “technical language.” Finally, the Inspectors also consulted with the U.S. Attorney’s Office prior to seeking their warrant.

The affidavit stated that “there is probable cause to believe that the Google accounts identified in Section I of Attachment A, associated with a particular specified location at a particular specified time, contain evidence, fruits and instrumentalities of a violation of 18 U.S.C. section 2114(a), Robbery of a U.S. Postal Service Employee.” However, as with any geofence warrant, no specific Google accounts were identified in Section I of Attachment A; rather, the Attachment only specified specific coordinates around the Lake Cormorant Post Office. The box created by those coordinates covered approximately 98,192 square meters.

The affidavit also provided a specific Probable Cause Statement. In that statement, the Inspectors detailed the two vehicles implicated in the robbery, Cobbs’s description of the assailant, and a statement that, through a review of the video surveillance footage, “it appears the robbery suspect [was] possibly using a cellular device both before and after the robbery occur[ed].” Finally, the Inspectors included language in the application stating, in regard to Step 2 outlined above, that law enforcement “will seek any additional information regarding [relevant] devices through further legal process.”

The application and affidavit were submitted to a U.S. magistrate judge, who issued the warrant on November 8, 2018. The language of the warrant largely tracked Google’s three-step process outlined above:

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To the extent within the Provider's possession, custody, or control, the Provider is directed to produce the following information associated with the Subject Accounts, which will be reviewed by law enforcement personnel (who may include, in addition to law enforcement officers and agents, attorneys for the government, attorney support staff, agency personnel assisting the government in this investigation, and outside technical experts under government control) are authorized to review the records produced by the Provider in order to locate any evidence, fruits, and instrumentalities of 18 U.S.C. section 2114(a), Robbery of a U.S. Postal Service Employee.

1. *Location information.* All location data, whether derived from Global Positioning System (GPS) data, cell site/cell tower triangulation/trilateration, and precision measurement information such as timing advance or per call measurement data, and Wi-Fi location, including the GPS coordinates, estimated radius, and the dates and times of all location recordings, **between 5:00 p.m. CT and 6:00 p.m. CT on February 5, 2018;**

2. Any user and each device corresponding to the location data to be provided by the "Provider" will be identified only by a numerical identifier, without any further content or information identifying the user of a particular device. Law enforcement will analyze this location data to identify users who may have witnessed or participated in the Subject Offenses and will seek any additional information regarding those devices through further legal process.

3. For those accounts identified as relevant to the ongoing investigation through an analysis of provided records, and upon demand, the "Provider" shall provide additional location history outside of the predefined area for those relevant accounts to determine the path of travel. This additional location history shall not exceed 60 minutes plus or minus the first and last timestamp associated with the account in the initial dataset. (The purpose of path of travel/contextual

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location points is to eliminate outlier points where, from the surrounding data, it becomes clear the reported point(s) are not indicative of the device actually being within the scope of the warrant.)

4. For those accounts identified as relevant to the ongoing investigation through an analysis of provided records, and upon demand, the “Provider” shall provide the subscriber’s information for those relevant accounts to include, subscriber’s name, email addresses, services subscribed to, last 6 months of IP history, SMS account number, and registration IP.

In summary, as to Step 1, the warrant authorized an hour-long search from 5:00 p.m. to 6:00 p.m. on February 5, 2018, within a geofence covering approximately 98,192 square meters around the Lake Cormorant Post Office. As to Step 2, the warrant authorized law enforcement to obtain additional Location History for a registered device identified as relevant within “60 minutes plus or minus the first and last timestamp associated with the account in the initial dataset.” However, prior to reaching Step 2, law enforcement was required to conduct “further legal process.”

Google returned the Step 1 data in April 2019. Notably, Google’s search was much broader than that specifically sought by the warrant, producing data from a circular area that was approximately 378,278 square meters, not 98,192 square meters. The search of Google’s 592 million

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accounts returned three anonymous device IDs within the requested parameters:

Device ID	Date	Time	Latitude	Longitude	Source	Maps Display Radium (m)
1091610859	2/5/2018	17:22:45 (-06:00)	34.9044587	-90.2159436	WIFI	122
1091610859	2/5/2018	17:24:45 (-06:00)	34.9044587	-90.2159436	WIFI	98
1091610859	2/5/2018	17:27:04 (-06:00)	34.9044587	-90.2159436	WIFI	122
1091610859	2/5/2018	17:27:35 (-06:00)	34.9044587	-90.2159436	WIFI	104
1091610859	2/5/2018	17:28:06 (-06:00)	34.9044587	-90.2159436	WIFI	92
1091610859	2/5/2018	17:28:42 (-06:00)	34.9044587	-90.2159436	WIFI	146
1091610859	2/5/2018	17:30:56 (-06:00)	34.9044587	-90.2159436	WIFI	347
1353630479	2/5/2018	17:58:35 (-06:00)	34.9044587	-90.2159436	WIFI	110
1577088768	2/5/2018	17:22:27 (-06:00)	34.9040345	-90.2155529	GPS	11
1577088768	2/5/2018	17:24:04 (-06:00)	34.9042131	-90.2155945	GPS	18
1577088768	2/5/2018	17:25:08 (-06:00)	34.9045528	-90.2151712	GPS	37

Inspector Matney testified that after receiving this data, he reviewed the devices to ensure that they fell within the geofence coordinates.

However, prior to submitting Step 2, neither Matney nor Mathews applied for another warrant. Instead, Matney and Mathews decided themselves which device IDs were relevant and requested additional de-anonymized information for all three devices. The Inspectors determined that all three devices were relevant to their Step 2 inquiry because devices 1091610859 and 1577088768 registered multiple times within the geofence, and the third device—1353630479—could have been a potential witness. The Step 2 request was placed in May 2019, and the expanded information was received on May 30. However, no new devices were added through the information gained at Step 2.

Again, without seeking any new warrants, Matney and Mathews sent off their Step 3 request for all three devices on June 7, 2019. They received the de-anonymized information from Google on June 10, 2019. The following files were returned:

- 2165781.Key.cvs
- bleek2004.AccountInfo.txt
- jamarrsmith33.AcountInfo.txt
- permanentwavesrecords.AccountInfo.txt

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Through these files, Mathews was able to determine that “jamarrsmith33.AcountInfo.txt” was Jamarr Smith’s email account and “bleek2004.AcountInfo.txt” was Gilbert McThunel’s email account. The third email account associated with “permanentwavesrecords.AccountInfo.txt” was deemed irrelevant to the investigation.

Now, no longer devoid of leads, Mathews and Matney took “[a] bunch of investigative steps” related to Smith and McThunel, including sending additional non-geofence warrants to Google regarding Smith and McThunel’s Google accounts, accessing their CLEAR database profiles, investigating cell tower data related to Smith and McThunel, and sending non-geofence warrants to phone companies for Smith and McThunel’s account information. These additional steps revealed multiple phone calls between Smith and McThunel during the time of the robbery, and allowed for further geolocation of Appellants using historical cell phone record analysis.

Additionally, through a search of Smith’s phone records and his friends on Facebook, the Inspectors were able to identify Thomas Iroko Ayodele as a suspect. Finally, on July 1, 2019, Postal Inspector Dwayne Martin reapproached witness Forrest Coffman and asked him to participate in a photo lineup. Although Coffman was unable to identify McThunel or Ayodele in their respective lines, Coffman did identify Smith as the person he saw driving the red Hyundai. In sum, all evidence connecting Appellants to this crime was derived from information obtained from Google pursuant to the geofence warrant.

#### **D. Pretrial & Trial Posture**

The Government initiated the instant action by issuing an indictment on October 27, 2021. Count I of the indictment alleged that Appellants had a conspiracy to rob the Lake Cormorant Post Office, and Count II alleged the



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actual robbery. On November 4, 2022, Smith filed a Motion to Suppress—which the other Appellants joined—seeking to suppress all evidence derived from the November 2018 geofence warrant which was used to identify them as suspects.

Appellants raised multiple arguments related to the constitutionality of the geofence warrant. First, Appellants contended that they had a reasonable expectation of privacy in their Google Location History data, and that this geofence warrant violated that privacy interest as a categorically unconstitutional general warrant. Second, Appellants argued that the specific warrant at issue was invalid from its inception because it lacked probable cause and particularity. Third, Appellants argued that even if the warrant was valid, the Government did not undertake “further legal process” to obtain additional information from Google as required by the warrant, making Step 2 and Step 3 of the search warrantless and illegal. Finally, Appellants maintained that the good-faith exception set forth in *United States v. Leon*, 468 U.S. 897 (1984), did not excuse the defects of the warrant, especially in light of the fact that the affidavit in support of the warrant contained a knowing and intentionally false statement—specifically, that “it appear[ed] the robbery suspect [was] possibly using a cellular device both before and after the robbery occur[ed]”—making the warrant invalid pursuant to *Franks v. Delaware*, 438 U.S. 154, 164–65 (1978). As such, Appellants concluded, the exclusionary rule should apply, and all the evidence seized should be suppressed as fruit of the poisonous tree.

On January 31, 2023, the district court conducted a hearing on Appellants’ Motion to Suppress. At the hearing, the Government called its two Investigators, Matney and Mathews, and Appellants called an expert, Spencer McInville. In relevant part, Matney and Mathews testified as to: their unfamiliarity with geofence warrants; the steps they took to request a geofence warrant and receive information from Google; their consultation

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with the U.S. Attorney's Office; their review of surveillance footage purporting to show the robbery suspect acting consistently with cell phone usage (*e.g.*, holding his hand up to his ear); and their understanding that the language in the warrant requiring "further legal process" at Steps 2 and 3 meant the process of law enforcement "demand[ing]" information from Google, not the process of law enforcement seeking any additional warrants from the court.

McInville provided expert testimony to the court about digital forensics and geolocation analysis, including, in relevant part, Google Location History data. McInville explained to the district court that warrants submitted to Google are typically used to seek information about suspects when law enforcement knows the suspect has a Google account. In contrast, law enforcement utilizes geofence warrants and Google Location History when they do not have any leads, but nevertheless want to search through Google's data (*i.e.*, the Sensorvault) to find suspects. McInville outlined the three-step geofence warrant process described *supra*, and explained that as part of that process, Google is required to search every Google account with Location History enabled. Finally, McInville testified that, given his experience in other cases, the language requiring "further legal process" in this warrant would have required additional warrants at each step of the geofence process.

On February 10, 2023, after considering the parties' briefing and the evidence presented at the hearing, the district court denied Appellants' motion to suppress. Trial commenced on February 21, 2023. After a four-day trial, the jury returned a guilty verdict against all three Appellants as to both counts. Appellants were sentenced on June 13, 2023, to prison terms ranging from 121 to 136 months. Following, Appellants filed a Motion for New Trial and Motion for Judgment of Acquittal. The district court denied the motion. Appellants timely appealed.

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## II. Standard of Review

“When reviewing the denial of a motion to suppress evidence, this court reviews the district court’s factual findings for clear error and the district court’s conclusions regarding the sufficiency of the warrant and the constitutionality of law enforcement action de novo.” *United States v. Perez*, 484 F.3d 735, 739 (5th Cir. 2007). We view the evidence in the light most favorable to the prevailing party below—here, the Government. *See United States v. Pack*, 612 F.3d 341, 347 (5th Cir. 2010).

## III. Analysis

The Fourth Amendment guarantees individuals the right “to be secure in their persons, houses, papers, and effects, against unreasonable searches and seizures.” U.S. CONST. amend IV. The “basic purpose of this Amendment . . . is to safeguard the privacy and security of individuals against arbitrary invasions by governmental officials.” *Carpenter v. United States*, 585 U.S. 296, 303 (2018) (quoting *Camara v. Mun. Ct. of City and Cnty. of S.F.*, 387 U.S. 523, 528 (1967)). Moreover, the Supreme Court has established that “the Fourth Amendment protects people, not places,” and the Court has “expanded [its] conception of the Amendment to protect certain expectations of privacy as well.” *Id.* at 304 (quoting *Katz v. United States*, 389 U.S. 347, 351 (1967)). “When an individual ‘seeks to preserve something as private,’ and his expectation of privacy is ‘one that society is prepared to recognize as reasonable,’ [the Court] ha[s] held that official intrusion into that private sphere generally qualifies as a search and requires a warrant supported by probable cause.” *Id.* (quoting *Smith v. Maryland*, 442 U.S. 735, 740 (1979)). Evidence seized in violation of the Constitution is subject to suppression. *See Hudson v. Michigan*, 547 U.S. 586, 590 (2006).

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### A. Reasonable Expectation of Privacy

The threshold question posed by this case is whether geofencing is a search under the Fourth Amendment. “A Fourth Amendment privacy interest is infringed when the government physically intrudes on a constitutionally protected area or when the government violates a person’s ‘reasonable expectation of privacy.’” *United States v. Turner*, 839 F.3d 429, 434 (5th Cir. 2016) (quoting *United States v. Jones*, 565 U.S. 400, 406 (2012)). To assess whether a “reasonable expectation of privacy” exists, the Supreme Court has applied Justice Harlan’s two-fold approach as explained in his concurrence in *Katz v. United States*, 389 U.S. 347. *See Jones*, 565 U.S. at 406. Specifically, for Fourth Amendment protections to attach to a person’s privacy interest, the person first must “have exhibited an actual (subjective) expectation of privacy.” *Katz*, 389 U.S. at 361 (Harlan, J., concurring). Second, that expectation must “be one that society is prepared to recognize as ‘reasonable.’” *Id.* (Harlan, J., concurring).

Smith and McThunel contend that they have a reasonable expectation of privacy in their respective location information retrieved in response to a geofence warrant.<sup>5</sup> This argument is rooted in the application of *Carpenter v.*

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<sup>5</sup> Ayodele also attempts to join Smith and McThunel’s arguments. However, as noted above, Ayodele’s information was never retrieved in response to a geofence warrant—his involvement in this robbery was deduced through a search of Smith’s phone records and Smith’s friends on Facebook performed after the geofence search. As such, Ayodele may lack Fourth Amendment standing to join Smith and McThunel because even if he has an expectation of privacy in his own Google Location History data, he may not have an expectation of privacy in the Google Location History data of an unrelated third-party. *See United States v. Davis*, No. 23-10184, 2024 WL 3573478, at \*5–7 (11th Cir. 2024) (concluding that a defendant lacked Fourth Amendment standing to challenge a geofence warrant that produced his girlfriend’s Google Location History data because “[e]ven if a person has a privacy interest in the data on his own phone, he does not have that interest in the data on someone else’s phone.”).

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*United States*, 585 U.S. 296, arguably the most relevant Supreme Court precedent addressing law enforcement’s investigatory use of cellular consumer data. See Amster & Diehl, *Against Geofences*, *supra* at 406. In *Carpenter*, prosecutors, without a warrant supported by probable cause, received from a criminal defendant’s wireless carriers cell-site location information (“CSLI”) that tracked the defendant’s whereabouts over the course of several days.<sup>6</sup> 585 U.S. at 302. From this data, prosecutors were able to produce maps that placed the defendant’s phone near four robberies. *Id.* at 302–03. The court of appeals affirmed the defendant’s convictions, concluding that the defendant’s privacy interest in CSLI was not entitled to Fourth Amendment protection because “cell phone users voluntarily convey cell-site data to their carriers as a means of establishing communication.” *Id.* at 303 (internal quotation omitted).

The Supreme Court reversed. *Id.* at 321. As a starting point, the Court acknowledged that a majority of the Court had “already recognized that individuals have a reasonable expectation of privacy in the whole of their physical movements.” *Id.* at 310; see *Jones*, 565 U.S. at 430 (Alito, J., concurring in the judgment) (“[T]he use of longer term GPS monitoring in investigations of most offenses impinges on expectations of privacy.”); *Jones*, 565 U.S. at 415 (Sotomayor, J., concurring). The Court then expressed

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Regardless, we do not and need not answer this question today—as discussed further *infra*, Smith and McThunel *do* have Fourth Amendment standing to bring their respective constitutional challenges, and our ultimate disposition as to all three Appellants hinges on the good faith exception. See *Byrd v. United States*, 584 U.S. 395, 411 (2018) (“Because Fourth Amendment standing is subsumed under substantive Fourth Amendment doctrine, it is not a jurisdictional question and hence need not be addressed before addressing other aspects of the merits of a Fourth Amendment claim.”).

<sup>6</sup> As the Supreme Court in *Carpenter* explained, CSLI is the time-stamped record that is generated each time a phone connects to “cell sites,” the network of radio antennas that provide signal to cell phones. 585 U.S. at 300–01.

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concern with the government having unfettered access to CSLI, noting that this data provides “an intimate window into a person’s life, revealing not only his particular movements, but through them his ‘familial, political, professional, religious, and sexual associations.’” *Carpenter*, 585 U.S. at 311 (quoting *Jones*, 565 U.S. at 415 (Sotomayor, J., concurring)). The Court further expressed concern that this precise, sensitive data could be accessed by the government “[w]ith just the click of a button.” *Id.* And, in contrast to a GPS device attached to a person’s car, a cell phone “faithfully follows its owner beyond public thoroughfares and into private residences, doctor’s offices, political headquarters, and other potentially revealing locales.” *Id.* “Accordingly, when the Government tracks the location of a cell phone it achieves near perfect surveillance, as if it had attached an ankle monitor to the phone’s user.” *Id.* at 311–12. The Court concluded that the criminal defendant had a “reasonable expectation of privacy in the whole of his physical movements.” *Id.* at 313.

The Court then addressed the third-party doctrine, which provides that generally, “a person has no legitimate expectation of privacy in information he voluntarily turns over to third parties.” *Id.* at 308 (quoting *Smith*, 442 U.S. at 743–44). The Court declined to apply the third-party doctrine to the collection of CSLI, notwithstanding the fact that this data is technically voluntarily provided from users to private wireless carriers. As the Court noted, there is a “world of difference between the limited types of personal information” addressed in the Court’s prior third-party doctrine precedent “and the exhaustive chronicle of location information casually collected by wireless carriers today.” *Id.* at 314. Furthermore, the Court found the notion that users “voluntarily” provide this information to private entities dubious. Carrying a cell phone is “indispensable to participation in modern society,” and, “[a]part from disconnecting the phone from the network, there is no way to avoid leaving behind a trail of location data.” *Id.*

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at 315. “As a result, in no meaningful sense does the user voluntarily ‘assume[] the risk’ of turning over a comprehensive dossier of his physical movements.” *Id.* (quoting *Smith*, 442 U.S. at 745).

Chief Justice Roberts’s majority opinion in *Carpenter* speaks at length about the privacy interests inherent in location data, and it expresses grave concern with the government being able to comprehensively track a person’s movement with relative ease due to the ubiquity of cell phone possession. The Court acknowledged “some basic guideposts” in resolving questions related to the Fourth Amendment’s protections of privacy interests, including securing “the privacies of life against arbitrary power,” and placing “obstacles in the way of a too permeating police surveillance.” *Carpenter*, 585 U.S. at 305 (internal quotations omitted). The Court also recognized the necessity of applying the Fourth Amendment to systems of advanced technology, expressing concern that CSLI is approaching “GPS-level precision,” with wireless carriers having the capability to “pinpoint a phone’s location within 50 meters.” *Id.* at 313; *see also Riley v. California*, 573 U.S. 373, 396 (2014) (acknowledging the privacy concerns implicated by cell phone location data that “can reconstruct someone’s specific movements down to the minute, not only around town but also within a particular building”).

Many of the concerns expressed by Chief Justice Roberts in his *Carpenter* opinion are highly salient in the context of geofence warrants. Perhaps the most alarming aspect of geofences is the potential for “permeating police surveillance.” As Chief Justice Roberts explained, modern cell phones enable the government to achieve “near perfect surveillance”; carrying one of these devices is essentially a prerequisite to participation in modern society, and users “compulsively carry cell phones with them all the time.” *Id.* at 311–12, 315. Geofences also exemplify the Court’s concern with pinpoint location data—this technology provides more

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precise location data than either CSLI or GPS. *Geofence Warrants and the Fourth Amendment, supra* at 2510. Furthermore, obtaining data through geofences, like obtaining data through CSLI, is “remarkably cheap, easy, and efficient compared to traditional investigative tools.” *Carpenter*, 585 U.S. at 311. With “just the click of a button,” the government can search the pinpoint locations of over half a billion people with Location History enabled. *See id.*

But while we see the parallels between CSLI and Location History data, our colleagues on the Fourth Circuit—the first federal Circuit to address whether geofencing is a “search” subject to the Fourth Amendment—saw Location History data differently. *See Chatric (App.)*, 107 F.4th at 330. Characterizing Location History data as nothing more than a “record of a person’s single, brief trip,” the Fourth Circuit found that geofencing does not contravene a person’s “reasonable expectation of privacy” because the data implicated by geofences is “far less revealing than that obtained in *Jones*[ or] *Carpenter*.” *Id.* at 330–31.<sup>7</sup> With great respect to our colleagues on the Fourth Circuit, we disagree. While it is true that geofences tend to be limited temporally, the potential intrusiveness of even a snapshot of precise location data should not be understated. As two commentators noted:

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<sup>7</sup> In *United States v. Davis*, the Eleventh Circuit appeared to agree with the Fourth Circuit that geofence warrants “do[] not implicate the same privacy concerns raised in *Carpenter*.” *See* 2024 WL 3573478, at \*6. However, *Davis* ultimately concerned a defendant’s Fourth Amendment standing to challenge a geofence warrant that obtained *his girlfriend’s* Google Location History data, *not* his own data. *Id.* at \*6. Thus, the Eleventh Circuit’s discussion of the intrusiveness of Google Location History data ultimately does not appear to have been dispositive to its holding. *See id.* at \*6–7 (“Because the geofence revealed the location of an open program that was not [the defendant’s] and was not on a phone in his exclusive possession or control, he cannot argue that he had a privacy interest in this data that gives him Fourth Amendment standing to challenge the search.”).



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[E]ven a brief snapshot can expose highly sensitive information—think a visit to “the psychiatrist, the plastic surgeon, the abortion clinic, the AIDS treatment center, the strip club, the criminal defense attorney, the by-the-hour-motel, the union meeting, the mosque, synagogue or church, [or] the gay bar,” or a location other than home during a COVID-19 shelter-in-place order.

Amster & Diehl, *Against Geofences*, *supra* at 408 (quoting *Jones*, 565 U.S. at 415 (Sotomayor, J., concurring)). Plus, such location tracking can easily follow an individual into areas normally considered some of the most private and intimate, particularly residences. As another commentator described:

Even a geofence warrant that limits itself to a single day could follow a person from the interior of their home, among the rooms of their dwelling, to the location of a crime, then to a place of worship, then perhaps to a new home, such as that of a relative or friend, and among the rooms of that second dwelling.

A. Reed McLeod, Note, *Geofence Warrants: Geolocating the Fourth Amendment*, 30 WM. & MARY BILL RTS. J. 531, 549 (2021).<sup>8</sup> In short,

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<sup>8</sup> The Fourth Circuit acknowledged and dismissed these considerations because, *inter alia*, the defendant—like the defendants in the case at bar—“d[id] not contend that the warrant revealed his own movements within his own constitutionally protected space,” and thus the defendant lacked Fourth Amendment standing to challenge geofencing on those grounds. *See Chatrie (App.)*, 107 F.4th at 330 n.17, 337 n.26. We disagree—this conclusion directly conflicts with *Carpenter*.

In *Carpenter*, the Supreme Court’s analysis of whether the government’s access of the defendant’s CSLI impeded his reasonable expectation of privacy was *not* based on a review of the specific results of the search in that case. *See generally* 585 U.S. at 309–13. Rather, the Supreme Court analyzed the *general capabilities* of CSLI, and asked whether the *ability* for CSLI “to chronicle a person’s past movements through the record of his cell phone signals” created an expectation of privacy. *Id.* at 309. In other words, it did not matter whether *that* defendant *happened* to stay outside of a constitutionally protected area during a search or not. The question was whether the technology utilized by law

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geofence location data is invasive for Fourth Amendment purposes. Of particular concern is the fact that a geofence will retroactively track anyone with Location History enabled, regardless of whether a particular individual is suspicious or moving within an area that is typically granted Fourth Amendment protection.<sup>9</sup>

Moreover, *Carpenter*'s application to the third-party doctrine in this case is straightforward. As the Court in *Carpenter* explained, while cell phone data is held by private corporations, on a practical level, it is unreasonable to think of cell phone users as voluntarily assuming the risk of turning over

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enforcement had the *capability* of providing data that offered “an all-encompassing record of [a person’s] whereabouts,” regardless of whether that person actually entered spaces that are traditionally considered protected under the Fourth Amendment. *Id.* at 311. And, when a person has a “reasonable expectation of privacy in the place or thing searched or seized,” he or she has Fourth Amendment standing. *See United States v. Gaulten*, 73 F.4th 390, 392 (5th Cir. 2023).

Here, the analysis is no different. The question is whether Location History data has the capability of revealing intimate, private details about a person’s life, thus conferring a “reasonable expectation of privacy.” This is general inquiry, not a retroactive, *post-hoc* examination based on the *results* of the search in our case. A conclusion to the contrary would be enigmatic. *See Chatrie (App.)*, 107 F.4th at 351 (Wynn, J., dissenting) (“The government . . . cannot circumvent the Constitution merely because, by sheer luck, its target did not stray from the safe zone.”).

<sup>9</sup> Some have argued that the privacy concerns presented by geofences are ameliorated by the fact that information sent to law enforcement is, at first, anonymized. *See, e.g., In re Search of Info. Stored at Premises Controlled by Google*, No. 2:22-MJ-01325, 2023 WL 2236493, at \*8 (S.D. Tex. Feb. 14, 2023). However, it is undisputed that the data is eventually de-anonymized. And, even setting that point aside, the effectiveness of data anonymization has been called into question by researchers, given that anonymous data can be cross-referenced to reveal identities. *See Amster & Diehl, Against Geofences, supra* at 409; *see also* Charlie Warzel & Stuart A. Thompson, *They Stormed the Capitol. Their Apps Tracked Them.*, N.Y. TIMES (Feb. 5, 2021), <https://perma.cc/KMP3-3QSV> (detailing journalists’ efforts to identify individuals contained in anonymized datasets of smartphone locations); Gina Kolata, *Your Data Were ‘Anonymized’? These Scientists Can Still Identify You*, N.Y. TIMES (July 23, 2019), <https://perma.cc/L5DL-MPZM>. Thus, we find this argument wanting.

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comprehensive dossiers of their physical movements to third parties. *Carpenter*, 585 U.S. at 315. In a way, *Carpenter* acknowledged that, at least in some instances, the third-party doctrine is “ill suited to the digital age, in which people reveal a great deal of information about themselves to third parties in the course of carrying out mundane tasks.” *Jones*, 565 U.S. at 417 (Sotomayor, J., concurring). Given the ubiquity—and necessity—in the digital age of entrusting corporations like Google, Microsoft, and Apple with highly sensitive information, the notion that users voluntarily relinquish their right to privacy and “assume[] the risk” of this information being divulged to law enforcement is dubious. *See Smith*, 442 U.S. at 745.

It is true that this case is slightly distinguishable from *Carpenter*; namely, that users opt in to having their Location History monitored. Indeed, this was the other consideration that persuaded the Fourth Circuit that geofencing is not a “search” subject to the Fourth Amendment. *See Chatrie (App.)*, 107 F.4th at 331–32. Again, with great respect, we are not convinced.

As anyone with a smartphone can attest, electronic opt-in processes are hardly informed and, in many instances, may not even be voluntary. *See* Daniel J. Solove, *Privacy Self-Management and the Consent Dilemma*, 126 HARV. L. REV. 1880, 1884–88 (2013). *See generally* Hannah J. Hutton & David A. Ellis, *Exploring User Motivations Behind iOS App Tracking Transparency Decisions*, PROC. OF THE 2023 CHI CONF. ON HUM. FACTORS IN COMPUTING SYS., Apr. 2023, at 1, 7–8, 10 (detailing general “confusion” with, and “misconceptions” about, Apple’s data-tracking opt-in prompts due, in part, to those prompts’ “lack of clarity”). Google’s Location History opt-in process is no different. As described above, users are bombarded multiple times with requests to opt in across multiple apps. *See Chatrie (Dist.)*, 590 F. Supp. 3d at 908–09. These requests typically innocuously promise app optimization, rather than reveal the fact that users’ locations will be comprehensively stored in a “Sensorvault,” providing

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Google the means to access this data and share it with the government. *See Chatrie (App.)*, 107 F.4th at 359–60 (Wynn, J., dissenting); *see also* Defendant Okello Chatrie’s Supplemental Motion to Suppress Evidence Obtained from a “Geofence” General Warrant at 15–17, *United States v. Chatrie*, No. 19-cr-00130 (E.D. Va. May 22, 2020), 2020 WL 4551093, ECF No. 104. Even Google’s own employees have indicated that deactivating Location History data based on Google’s “limited and partially hidden” warnings is “difficult enough that people won’t figure it out.” *Chatrie (App.)*, 107 F.4th at 360, 367 (Wynn, J., dissenting) (quoting *Chatrie (Dist.)*, 590 F. Supp. 3d at 913, 936); Amster & Diehl, *Against Geofences*, *supra* at 396–97.

But you don’t have to take our word for it—others have similarly questioned the “voluntary” nature of Google’s opt-in process. *See, e.g., In re Search of Info. Stored at Premises Controlled by Google*, 481 F. Supp. 3d at 737 & n.3 (“The Court finds it difficult to imagine that users of electronic devices would affirmatively realize, at the time they begin using the device, that they are providing their location information to Google in a way that will result in the government’s ability to obtain—easily, quickly and cheaply—their precise geographical location at virtually any point in the history of their use of the device.”); McLeod, *Geolocating the Fourth Amendment*, *supra* at 543 (“[C]onsider a Google user’s consent to Location History . . . . [u]sers either opt in with less than explicit notice given to them, or even with good notice, without a full realization of the potential consequences to their privacy if they opt in. Second, users may understand the notice they have been given, but misunderstand the accuracy of the movement patterns as expressed in the location data collected by tech companies.”); *Chatrie (Dist.)*, 590 F. Supp. 3d at 935 (acknowledging that users take “some affirmative steps to enable location history,” yet concluding that “those steps likely do not constitute a full assumption of the attendant risk of permanently disclosing one’s whereabouts during almost every minute of every hour of every day”); *see*

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*also Chatrie (App.)*, 107 F.4th at 356–61 (Wynn, J., dissenting); Amster & Diehl, *Against Geofences, supra* at 396–97, 409–10.

Not to mention, the fact that approximately 592 million people have “opted in” to comprehensive tracking of their locations itself calls into question the “voluntary” nature of this process. In short, “a user simply cannot forfeit the protections of the Fourth Amendment for years of precise location information by selecting ‘YES, I’M IN’ at midnight while setting up Google Assistant, even if some text offered warning along the way.” *Chatrie (Dist.)*, 590 F. Supp. 3d at 936.

\* \* \*

To conclude, we hold that law enforcement in this case *did* conduct a search when it sought Location History data from Google. Given the intrusiveness and ubiquity of Location History data, Smith and McThunel correctly contend that they have a “reasonable expectation of privacy” in their respective data. Additionally, per *Carpenter*, the third-party doctrine does not apply.

### **B. General Constitutionality**

Having concluded that the acquisition of Location History data via a geofence is a search, it follows that the government must generally obtain a warrant supported by probable cause and particularity before requesting such information. *Carpenter*, 585 U.S. at 316. Accordingly, we turn to the issue of whether geofence warrants satisfy this mandate, addressing Appellants’ argument that these novel warrants resemble unconstitutional general warrants prohibited by the Fourth Amendment.<sup>10</sup>

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<sup>10</sup> Because the Fourth Circuit concluded that law enforcement did not conduct a search when it sought Location History data from Google, it did not reach the question of

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“[T]he Fourth Amendment was the founding generation’s response to the reviled ‘general warrants’ and ‘writs of assistance’ of the colonial era, which allowed British officers to rummage through homes in an unrestrained search for evidence of criminal activity.” *Riley*, 573 U.S. at 403. “General warrants” are warrants that “specif[y] only an offense,” leaving “to the discretion of the executing officials the decision as to which persons should be arrested and which places should be searched.” *Steagald v. United States*, 451 U.S. 204, 220 (1981); *Geofence Warrants and the Fourth Amendment*, *supra* at 2518.

It is undeniable that general warrants are plainly unconstitutional. Indeed, “it would be a needless exercise in pedantry to review again the detailed history of the use of general warrants as instruments of oppression from the time of the Tudors, through the Star Chamber, the Long Parliament, the Restoration, and beyond.” *Stanford v. Texas*, 379 U.S. 476, 482 (1965). Thus, courts have recognized that no warrant “can authorize the search of everything or everyone in sight.” *Geofence Warrants and the Fourth Amendment*, *supra* at 2518; *cf. Marks v. Clarke*, 102 F.3d 1012, 1029 (9th Cir. 1996) (“[A] warrant to search ‘all persons present’ for evidence of a crime may only be obtained when there is reason to believe that all those present will be participants in the suspected criminal activity.”); *Owens ex rel. Owens v. Lott*, 372 F.3d 267, 276 (4th Cir. 2004) (“[A]n ‘all persons’ warrant can pass constitutional muster if the affidavit and information provided to the magistrate supply enough detailed information to establish probable cause to believe that all persons on the premises at the time of the search are involved in the criminal activity.”).

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whether geofence warrants pass muster under the Fourth Amendment’s warrant requirement.

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When law enforcement submits a geofence warrant to Google, Step 1 forces the company to search through its *entire* database to provide a new dataset that is derived from its entire Sensorvault. In other words, law enforcement cannot obtain its requested location data unless Google searches through the entirety of its Sensorvault—all 592 million individual accounts—for *all* of their locations at a given point in time. Moreover, this search is occurring while law enforcement officials have *no idea* who they are looking for, or whether the search will even turn up a result. Indeed, the quintessential problem with these warrants is that they *never* include a specific user to be identified, only a temporal and geographic location where any given user *may* turn up post-search.<sup>11</sup> That is constitutionally insufficient.

Geofence warrants present the exact sort of “general, exploratory rummaging” that the Fourth Amendment was designed to prevent. *Coolidge v. New Hampshire*, 403 U.S. 443, 467 (1971); *see also Riley*, 573 U.S. at 403; *Geofence Warrants and the Fourth Amendment*, *supra* at 2519. In fact, Google Maps creator Brian McClendon has called these warrants “fishing expedition[s],” and explained that Google employees originally assumed law enforcement would only seek Location History data on specific people—a reality that did not come true. Jennifer Valentino-DeVries, *Tracking Phones*,

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<sup>11</sup> As Professor Stephen Henderson explains in his discussion of CSLI, focusing probable cause on the group rather than the individual “would mean that a larger database is always preferred” by law enforcement, because “by definition there will be evidence of crime in that larger set.” Stephen E. Henderson, Response, *A Rose by Any Other Name: Regulating Law Enforcement Bulk Metadata Collection*, 94 TEX. L. REV. *See Also* 28, 40–41 (2016). Doing so leads to an “absurd” understanding of probable cause: “[A] prosecutor confident that a bank customer is committing tax fraud could access the combined records of *all* customers of that bank because, somewhere in there, she is very sure is evidence of crime.” *Id.* at 41. Henderson argues, in the context of CSLI, it must be the case that probable cause is required for “each person’s obtained records,” meaning here “each phone number contained within the dump.” *Id.* The same argument applies with full force to Google accounts containing Location History data.

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*Google Is a Dagnet for the Police*, N.Y. TIMES (Apr. 13, 2019), <https://perma.cc/NCF3-H5DP>. “Awareness that the government may be watching chills associational and expressive freedoms.” *Jones*, 565 U.S. at 416 (Sotomayor, J., concurring). And, when these core rights are at issue, the warrant requirement must “be accorded the most scrupulous exactitude.” *See Stanford*, 379 U.S. at 485.

Here, the Government contends that geofence warrants are not general warrants because they are “limited to specified information directly tied to a particular [crime] at a particular place and time.” This argument misses the mark. While the *results* of a geofence warrant may be narrowly tailored, the *search* itself is not. A general warrant cannot be saved simply by arguing that, after the search has been performed, the information received was narrowly tailored to the crime being investigated. These geofence warrants fail at Step 1—they allow law enforcement to rummage through troves of location data from hundreds of millions of Google users without any description of the particular suspect or suspects to be found.<sup>12</sup>

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<sup>12</sup> The Fourth Circuit—albeit in the context of determining whether law enforcement’s acquisition of Location History data qualified as a “search” under the Fourth Amendment—appeared to contend that Google’s search at Step 1 is irrelevant to our inquiry because *Google*, rather than *law enforcement*, conducts that search. *See Chatrue (App.)*, 107 F.4th at 330 n.16. Instead, the Fourth Circuit concluded that “the proper focus of our inquiry [should be] . . . the government’s access of two hours’ worth of [defendant’s] Location History data,” *i.e.*, Step 2, because “a search only occurs once the *government* accesses the requested information.” *Id.*

This proposition is breathtaking. In essence, the Fourth Circuit appears to conclude that law enforcement may flaunt the Fourth Amendment by simply offloading their *act* of “searching” on to a third party, and waiting to see if that third party’s search produces any fruit before applying for a warrant. Moreover, by implication, if the third party’s search produces zero evidence, *law enforcement never conducted any search at all.*

But the Supreme Court has clearly stated that the Fourth Amendment protects against *both* searches *and* seizures “effected by a private party . . . if the private party acted as an instrument or agent of the Government.” *Skinner v. Ry. Lab. Execs.’ Ass’n*, 489 U.S.



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In sum, geofence warrants are “[e]mblematic of general warrants” and are “highly suspect per se.” *Geofence Warrants and the Fourth Amendment, supra* at 2520; Amster & Diehl, *Against Geofences, supra* at 433–34; Chad Marlow & Jennifer Stisa Granick, *Celebrating an Important Victory in the Ongoing Fight Against Reverse Warrants*, ACLU (Jan. 29, 2024), <https://perma.cc/SC2R-S7PJ> (“The constitutionality of reverse warrants is highly suspect because, like general warrants that are prohibited by the Fourth Amendment, they permit searches of vast quantities of private, personal information without identifying any particular criminal suspects or demonstrating probable cause to believe evidence will be located in the corporate databases they search.”); *Chatrrie (App.)*, 107 F.4th at 353 (Wynn, J., dissenting) (“[A] [geofence] warrant is uncomfortably akin to the sort of ‘reviled’ general warrants used by English authorities that the Framers intended the Fourth Amendment to forbid.”).

This court “cannot forgive the requirements of the Fourth Amendment in the name of law enforcement.” *Berger v. New York*, 388 U.S. 41, 62 (1967). Accordingly, we hold that geofence warrants are general warrants categorically prohibited by the Fourth Amendment. We now move on to suppression and the good-faith exception to the warrant requirement.

### C. Good-Faith Exception

In *United States v. Leon*, 468 U.S. 897, 913 (1984), the Supreme Court evaluated the Fourth Amendment exclusionary rule, and opined that

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602, 613–14 (1989). And, here, all of Google’s actions, including at Step 1, are “conducted in response to legal compulsion and ‘with the participation or knowledge of [a] governmental official.’” *Geofence Warrants and the Fourth Amendment, supra* at 2516 (quoting *United States v. Jacobsen*, 466 U.S. 109, 113 (1984)). Accordingly, law enforcement must abide by the Fourth Amendment not only when Google provides them with a final list of names, but also when they instruct Google to search its entire Sensorvault to produce those names. *Id.* Put differently, the proper focus of our inquiry *does* include Step 1.

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evidence seized by officers reasonably relying on a warrant issued by a detached and neutral magistrate judge should be admissible.<sup>13</sup> However, the Court articulated four circumstances where this “good faith” exception does not apply:

(1) when the issuing magistrate was misled by information in an affidavit that the affiant knew or reasonably should have known was false; (2) when the issuing magistrate wholly abandoned his judicial role; (3) when the warrant affidavit is so lacking in indicia of probable cause as to render official belief in its existence unreasonable; and (4) when the warrant is so facially deficient in failing to particularize the place to be searched or the things to be seized that executing officers cannot reasonably presume it to be valid.

*United States v. Woerner*, 709 F.3d 527, 533–34 (5th Cir. 2013) (citing *Leon*, 468 U.S. at 921–25).

Appellants argue that three of the *Leon* circumstances apply in this case. First, Appellants contend that Inspectors knowingly or recklessly included a false statement in the warrant affidavit, specifically, the statement that “it appear[ed] the robbery suspect [was] possibly using a cellular device

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<sup>13</sup> Appellants argue that “[t]here is no such thing as relying on a general warrant in good-faith,” and that an application of *Leon* is categorically unnecessary. Their argument is well taken, but we decline to adopt that stance today. Appellants point the court to *Groh v. Ramirez*, 540 U.S. 551, 558, 563 (2004), which held that “no reasonable officer could believe that a warrant that plainly did not comply with [the particularity] requirement was valid,” and which cited *Leon* even though the issue in *Groh* was ultimately about qualified immunity. However, *Groh* did not involve a novel advancement in law enforcement technology—in fact, *Groh* involved an essentially run-of-the-mill warrant to search for guns in a house. *Id.* at 554–57. Given the novelty and complexity of geofence warrants, as well as the dearth of legal authority on the topic of geofence warrants to guide law enforcement, *Groh* is distinguishable on its facts. Moreover, the other cases cited by Appellants are also unavailing, as a majority were decided prior to *Leon*. Accordingly, we hold that *Leon* applies to our analysis.

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both before and after the robbery occur[ed].” Appellants maintain that Matney and Mathew’s use of a “go-by” is indicative of the fact that they had no idea whether a cell phone was used, and that this is “by definition reckless at best.” We disagree. As the district court noted, video evidence of the assailant appears to show body language consistent with cell phone use. Mathews and Matney reviewed this video footage in addition to using a “go-by.” In essence, Appellants ask this court to ignore Matney’s testimony that the Inspectors based their probable cause statement in the warrant affidavit, in part, on this footage. Because this court is highly deferential to the district court’s factfinding, and because the court reviews evidence in the light most favorable to the Government, *see Pack*, 612 F.3d at 347, Appellants’ argument fails.

Appellants’ second and third *Leon* arguments pertain to probable cause and particularity—*i.e.*, that the warrant was “completely devoid” of probable cause, or that it was “facially deficient” in particularity, rendering the Inspectors’ conclusions unreasonable. Again, we disagree. Here, we find the rationale behind the Fourth Circuit’s opinion in *United States v. McLamb*, 880 F.3d 685 (4th Cir. 2018), persuasive. In *McLamb*, the Fourth Circuit declined to suppress evidence when officers were utilizing “cutting edge investigative techniques” and consulted with attorneys from the Department of Justice. *Id.* at 690–91. Here, the Inspectors likewise had conversations with other law enforcement officials and the U.S. Attorney’s Office prior to submitting their warrant. To this end, we, like the district court “struggle[] to see any wrongful conduct to deter,” because “the conduct of law enforcement in this case seem[ed] reasonable and appropriate when considering the specific circumstances with which the investigators were faced.”

At bottom, “but-for causality is only a necessary, not a sufficient, condition for suppression.” *Hudson*, 547 U.S. at 592. This court must also

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weigh the “substantial social costs” of exclusion against “deterrence benefits,” the “existence of which [is also] a necessary condition for exclusion.” *Id.* at 594–96 (internal quotations omitted). Here, the social costs of exclusion are admittedly considerable, including the consequences “that exclusion of relevant incriminating evidence always entails (viz., the risk of releasing dangerous criminals into society).” *Id.* at 595. Additionally, the deterrence benefits here are not clear. The Inspectors were utilizing a cutting-edge investigative technique with which neither Inspector had personal experience. To that end, the Inspectors diligently attempted to make sure that their warrant comported with the Fourth Amendment by communicating with other law enforcement agencies and the U.S. Attorney’s Office, and the Inspectors exhibited no malicious intent through the actions that they took. Thus, we cannot fault law enforcement’s actions considering the novelty of the technique and the dearth of court precedent to follow.<sup>14</sup> Accordingly, none of *Leon*’s circumstances apply, and the district court correctly declined to suppress evidence under the good-faith exception to the warrant requirement.<sup>15</sup>

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<sup>14</sup> For the same reasons, we agree with the district court that the Inspectors’ mistaken belief regarding the meaning of the phrase “further legal process,” and their failure to apply for additional warrants at Steps 2 and 3, do not preclude the applicability of the good faith exception.

<sup>15</sup> Appellants also argue that the district court erred by failing to exclude the Government’s expert witness, Christopher Moody, at trial as unreliable under *Daubert v. Merrell Dow Pharmaceuticals, Inc.*, 509 U.S. 579 (1993). We disagree. “District courts enjoy wide latitude in determining the admissibility of expert testimony, and the discretion of the trial judge and his or her decision will not be disturbed on appeal unless manifestly erroneous.” *Watkins v. Telsmith, Inc.*, 121 F.3d 984, 988 (5th Cir. 1997) (internal quotation omitted). “‘Manifest error’ is one that is ‘plain and indisputable, and that amounts to a complete disregard of the controlling law.’” *Kim v. Am. Honda Motor Co.*, 86 F.4th 150, 159 (5th Cir. 2023) (quoting *Bear Ranch, L.L.C. v. Heartbrand Beef, Inc.*, 885 F.3d 794, 802 (5th Cir. 2018)).

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#### IV. Conclusion

We hold that geofence warrants are modern-day general warrants and are unconstitutional under the Fourth Amendment. However, considering law enforcement's reasonable conduct in this case in light of the novelty of this type of warrant, we uphold the district court's determination that suppression was unwarranted under the good-faith exception.

AFFIRMED.

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Here, Moody testified about two technological areas: (1) CSLI; and (2) Google Location History. First, Appellants acknowledge that this court has accepted historical cellular site analysis in the past as the subject of expert testimony. *See United States v. Schaffer*, 439 F. App'x 344, 347 (5th Cir. 2011). Second, it is undisputed that Google Location History is a collection of data that is itself derived from a combination of three forms of geolocation—CSLI, GPS, and Wi-Fi. Thus, Moody's extensive knowledge, skill, experience, training, and education in historically reliable forms of geolocation, such as CSLI, GPS, and Wi-Fi, allowed him to discuss Google Location History data, which is itself derived from those very sources. At bottom, the district court did not commit error, let alone manifest error, by allowing Moody to testify.

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JAMES C. HO, *Circuit Judge*, concurring:

Geofence warrants are powerful tools for investigating and deterring crime. The defendants here engaged in a violent robbery—and likely would have gotten away with it, but for this new technology. So I fully recognize that our panel decision today will inevitably hamper legitimate law enforcement interests.

But hamstringing the government is the whole point of our Constitution. Our Founders recognized that the government will not always be comprised of publicly-spirited officers—and that even good faith actors can be overcome by the zealous pursuit of legitimate public interests. “If men were angels, no government would be necessary.” *THE FEDERALIST* No. 51, at 349 (J. Cooke ed. 1961). “If angels were to govern men, neither external nor internal controls on government would be necessary.” *Id.* But “experience has taught mankind the necessity of auxiliary precautions.” *Id.* It’s because of “human nature” that it’s “necessary to control the abuses of government.” *Id.*

Our decision today is not costless. But our rights are priceless. Reasonable minds can differ, of course, over the proper balance to strike between public interests and individual rights. Time and again, modern technology has proven to be a blessing as well as a curse. Our panel decision today endeavors to apply our Founding charter to the realities of modern technology, consistent with governing precedent. I concur in that decision.

*United States Court of Appeals*

FIFTH CIRCUIT  
OFFICE OF THE CLERK

LYLE W. CAYCE  
CLERK

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600 S. MAESTRI PLACE,  
Suite 115  
NEW ORLEANS, LA 70130

August 09, 2024

MEMORANDUM TO COUNSEL OR PARTIES LISTED BELOW

Regarding: Fifth Circuit Statement on Petitions for Rehearing  
or Rehearing En Banc

No. 23-60321 USA v. Smith  
USDC No. 3:21-CR-107-1

Enclosed is a copy of the court's decision. The court has entered judgment under Fed. R. App. P. 36. (However, the opinion may yet contain typographical or printing errors which are subject to correction.)

Fed. R. App. P. 39 through 41, and Fed. R. App. P. 35, 39, and 41 govern costs, rehearings, and mandates. **Fed. R. App. P. 35 and 40 require you to attach to your petition for panel rehearing or rehearing en banc an unmarked copy of the court's opinion or order.** Please read carefully the Internal Operating Procedures (IOP's) following Fed. R. App. P. 40 and Fed. R. App. P. 35 for a discussion of when a rehearing may be appropriate, the legal standards applied and sanctions which may be imposed if you make a nonmeritorious petition for rehearing en banc.

Direct Criminal Appeals. Fed. R. App. P. 41 provides that a motion for a stay of mandate under Fed. R. App. P. 41 will not be granted simply upon request. The petition must set forth good cause for a stay or clearly demonstrate that a substantial question will be presented to the Supreme Court. Otherwise, this court may deny the motion and issue the mandate immediately.

Pro Se Cases. If you were unsuccessful in the district court and/or on appeal, and are considering filing a petition for certiorari in the United States Supreme Court, you do not need to file a motion for stay of mandate under Fed. R. App. P. 41. The issuance of the mandate does not affect the time, or your right, to file with the Supreme Court.

Court Appointed Counsel. Court appointed counsel is responsible for filing petition(s) for rehearing(s) (panel and/or en banc) and writ(s) of certiorari to the U.S. Supreme Court, unless relieved of your obligation by court order. If it is your intention to file a motion to withdraw as counsel, you should notify your client promptly, **and advise them of the time limits for filing for rehearing and certiorari.** Additionally, you MUST confirm that this information was given to your client, within the body of your motion to withdraw as counsel.

Sincerely,

LYLE W. CAYCE, Clerk

A handwritten signature in cursive script, appearing to read "Majella A. Sutton".

By: \_\_\_\_\_  
Majella A. Sutton, Deputy Clerk

Enclosure(s)

Mr. Paul Alvin Chiniche  
Mr. Goodloe Tankersley Lewis  
Mr. Clyde McGee IV  
Mr. Robert J. Mims  
Mr. William Farley Travis



United States Court of Appeals  
for the Fifth Circuit

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No. 23-60321

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United States Court of Appeals  
Fifth Circuit

**FILED**

January 14, 2025

Lyle W. Cayce  
Clerk

UNITED STATES OF AMERICA,

*Plaintiff—Appellee,*

*versus*

JAMARR SMITH; THOMAS IROKO AYODELE; GILBERT  
McTHUNEL, II,

*Defendants—Appellants.*

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Appeal from the United States District Court  
for the Northern District of Mississippi  
USDC No. 3:21-CR-107-1

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ON PETITION FOR REHEARING EN BANC

Before KING, HO, and ENGELHARDT, *Circuit Judges.*

PER CURIAM:

Treating the petition for rehearing en banc as a petition for panel rehearing (5TH CIR. R. 35 I.O.P.), the petition for panel rehearing is DENIED. Because no member of the panel or judge in regular active service requested that the court be polled on rehearing en banc (FED. R. APP. P. 35 and 5TH CIR. R. 35), the petition for rehearing en banc is DENIED.

***United States Court of Appeals***

FIFTH CIRCUIT  
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January 14, 2025

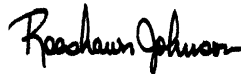
MEMORANDUM TO COUNSEL OR PARTIES LISTED BELOW:

No. 23-60321 USA v. Smith  
USDC No. 3:21-CR-107-1

Enclosed is an order entered in this case.

Sincerely,

LYLE W. CAYCE, Clerk



By: \_\_\_\_\_  
Roeshawn Johnson, Deputy Clerk  
504-310-7998

Mr. Paul Alvin Chiniche  
Mr. David Crews  
Mr. Nathan Paul Judish  
Mr. Goodloe Tankersley Lewis  
Mr. Robert Bruce McDuff  
Mr. Clyde McGee IV  
Mr. Mark Miller  
Mr. Robert J. Mims  
Mr. Michael William Price  
Mr. William Farley Travis