Comprehensive Forensic Analysis of Telecommunications Metadata, Regulatory Registries, and Data Integrity Audits: 503-313-1169

Telecommunications Carrier Routing and Metadata Architecture

The mobile identifier 503-313-1169 represents a critical point of origin in the administrative and operational history of Taylor Jean Sprecher. To establish a verifiable forensic record of geographical presence and operational deployments, a thorough technical analysis of the telecommunications carrier routing architecture is required. Under the North American Numbering Plan (NANP), the 503-313 prefix is natively assigned to Cellco Partnership, doing business as Verizon Wireless, within the Portland, Oregon rate center. The physical switching and signal routing for this numbering block are handled by the Verizon network gateway switch identified by the Common Language Location Identifier (CLLI) code PTLDORQSCM1.
On April 29, 2026, a formal telecommunications metadata and records request was submitted to the Verizon Wireless Security and Legal Compliance Department. This legal and technical query was designed to preserve and retrieve objective data points across specific service windows, notably including historical deployments with Strike Team 58 in October 2018 and active service blocks extending through April 2026. This metadata acquisition strategy targets multiple layers of network and system telemetry:

- **Call Detail Records (CDRs):** Comprehensive transaction logs containing precise originating and terminating telephone numbers, connecting switches, routing numbers, call duration, and standardized timestamps recorded to the second.
- **Cell Site Location Information (CSLI):** Historical geographical coordinates generated when a mobile device connects to a cellular base transceiver station. This includes cell tower triangulation, sector-specific azimuths, and GPS data points used to reconstruct geographical movement patterns and verify presence during professional deployments.
- **Hardware and System Identifiers:** Technical verification of physical device markers, specifically the International Mobile Equipment Identity (IMEI), the International Mobile Subscriber Identity (IMSI) residing on the SIM card, and the Media Access Control (MAC) address of the network interface.
- **Cloud Infrastructure and Backup Metadata:** Backups, file creation timestamps, modification histories, and login logs associated with Synchronoss Cloud services, which host media and documents generated during the deployment windows.
- **SMS/MMS Routing Metadata:** Transmission timestamps, routing codes, and destination network markers for messaging packets.

Metadata Component	Data Type	Technical Source	Retention Period	Forensic Value
Call Detail Records	Network Transaction Log	Mobile Switching Center (MSC) / HLR	1 Year (Verizon Wireless)	Establishes communication timelines and contact networks.

Metadata Component	Data Type	Technical Source	Retention Period	Forensic Value
Cell Site Location (CSLI)	Geolocation Geodatabase	Base Station Controller (BSC)	1 Year (Verizon Wireless)	Establishes proximity and verifies geographic presence.
Device Identifiers	Hardware Registries	Equipment Identity Register (EIR)	Indefinite (Account Lifetime)	Links specific network activity to a physical mobile device.
Synchronoss Cloud Metadata	Application Server Logs	Enterprise Cloud Hosting Platform	Subject to Account Activity	Audits document creation dates and metadata integrity.
SMS/MMS Logs	Messaging Traffic Log	Short Message Service Center (SMSC)	60 Days (Text detail logs)	Proves message routing without storing content.

The short retention policy of Verizon Wireless—which purges cell tower connection history and call detail logs after 12 to 13 months—makes immediate data preservation a critical priority. Under 18 U.S.C. § 2703(f), a formal preservation letter forces the carrier to freeze all existing metadata for a 90-day window. This prevents the automated deletion of historical logs while a civil subpoena or court order is processed through Verizon’s Custodian of Records in San Angelo, Texas.

Domain Administration and Transaction Ledger Analysis

An audit of the GoDaddy product hosting and billing records reveals a clear developmental history for Taylor Sprecher’s business structures, principally Taylor's Transgender Patient Awareness LLC and its online continuing education platform, 911transedu.net. The ledger records show that the primary phone number 503-313-1169 was linked to these hosting and security registries for more than five years.

The technical contact records show a structured transition across several active email addresses and geographical locations between February 2020 and May 2026:

- **taylorsprecher@gmail.com:** This address served as the primary administrative contact from February 2020 through April 2022. During this phase, the primary billing location was registered at 2516 NE 86th Ave, Portland, OR [span_13](start_span)[span_13](end_span)97220, using a Visa card ending in 2169 or 5282.
- **Tsprecher@911transedu.com:** Registered for custom Microsoft 365 and business web hosting renewals between May 2022 and November 2022, keeping the same Portland physical address and billing line.
- **tsprecher@proton.me:** Introduced on June 6, 2025, to secure domain protection renewals, utilizing a Visa card ending in 2994. This change coincided with a move to 11324 Legato Dr, Oregon City, OR 97045.
- **taylor_sprecher@911transedu.net:** Managed through the primary 503-313-1169 number until August 2025. After this point, newer transactions began mapping Sprecher's business filings to a different active mobile line, 503-9[span_18](start_span)[span_18](end_span)39-1031.

Transaction Date	Receipt Number	Product Description	Contact Phone	Registered Location	Associated Email	Payment Method
2020-02-16	1635155227	Web Hosting Economy	530-680-8823	4626 Dark Forest Pl NE, Salem, OR 97305	Taylorsprecher@gmail.com	Visa 2392
2020-02-16	1635214917	.COM Domain Registration	503-313-1169	2516 NE 86th Ave, Portland, OR 97220	Taylorsprecher@gmail.com	Visa 0869
2020-02-21	1638116278	Websites + Marketing	503-313-1169	2516 NE 86th Ave, Portland, OR 97220	Taylorsprecher@gmail.com	Visa 5282
2021-12-21	1999113612	Website Premium Renewal	503-313-1169	2516 NE 86th Ave, Portland, OR 97220	Taylorsprecher@gmail.com	Visa 2169
	2022-05-21	2209005703	Website Premium Renewal	503-313-1169	2516 NE 86th Ave, Portland, OR 97220	Tsprecher@911transedu.com
2025-06-06	3587076140	Full Domain Protection	503-313-1169	11324 Legato Dr, Oregon City, OR 97045	tsprecher@proton.me	Visa 2994
2025-07-23	3827267772	Airo™ All Access - Renewal	503-313-1169	11324 Legato Dr, Oregon City, OR 97045	taylor_sprecher@911transedu.net	Visa 2994
2025-08-03	3840083031	Invoicing & Pay Links Plus	503-313-1169	11324 Legato Dr, Oregon City, OR 97045	taylor_sprecher@911transedu.net	Visa 2994
2025-08-23	3864756279	Airo™ All Access - Renewal	503-939-1031	11324 Legato Dr, Oregon City, OR 97045	taylor_sprecher@911transedu.net	Visa 0425
2026-05-19	4092224992	Airo™ All Access - Renewal	503-939-1031	11324 Legato Dr, Oregon City, OR 97045	taylor_sprecher@911transedu.net	Visa 7665

Analyzing these transactions reveals a multi-stage operational migration. In early 2020, Tyler Bowerman was registered under receipt 1635155[span_57](start_span)[span_57](end_span)227 at 4626 Dark Forest Pl NE, Salem, O[span_58](start_span)[span_58](end_span)R 97305 for emstransaware.com hosting, which linked to Sprecher's primary email contact (taylorsprecher@gmail.com). This provides early evidence of a coordinated development process.

The move to Oregon City in June 2025, along with the transition to tsprecher@proton.me and Visa card 2994, indicates a consolidation of hosting services. The final migration in August 2025

decoupled the business accounts from the legacy 503-313-1169 line. From this point forward, all transactions were routed through the 503-939-1031 line, using Visa card tokens 0425, 9132, and eventually 7665.

Institutional Disclosure History and HIPAA Audit Records

The Oregon Health & Science University (OHSU) Information Privacy and Security department, under mail code ITG05, generated an Accounting of Disclosures Report dated April 20, 2026. This document logs the non-consensual sharing of Taylor Sprecher's Protected Health Information (PHI) under specific HIPAA regulatory exceptions. These exceptions include disclosures for research database tracking, public health monitoring, and written investigative agreements (WOA).

The disclosed records span more than a decade, mapping out how Sprecher's demographic data, medical diagnoses, and clinical files were shared with external institutional recipients:

Disclosure Date	Health Information Category	Recipient Entity	Recipient Address	Protocol Name / Reference
2015-04-27	Demographics, clinical outcomes, eye tumors	Unknown Investigator	Unknown, OR 97239	Ocular Oncology Repository (IRB00011794)
2015-11-06	Multiple Sclerosis progress notes	Andrea Hildebrand	VA Portland Health Care System, Portland, OR 97239	VA System Research Coordination
2015-11-23	Cardiovascular risk factors, age, sex	Diana Rinkevich, KCVI	3181 SW Sam Jackson Park Rd, Portland, OR 97239	T1 REDEEM Clinical Diabetes Protocol
2016-03-18	Name, address, phone, SSN, MRN, diagnosis	Brenna Lobb	3710 SW US Veterans Hospital Rd, Portland, OR 97239	Liberty AD AWARE Protocol
2018-06-06	Claims data: names, SSNs, geographic details	Oregon Health Authority	500 Summer Street NE, Salem, OR 97301	Public Health Claims System Audit
2025-10-28	PHI elements: address, ZIP, dates, DOD, DOB	UIC Principal Investigator	University of Illinois Chicago, Chicago, IL	Coded UIC IRB Study Agreement (WOA)

These entries show a continuous pattern of data dissemination. On June 6, 2018, OHSU disclosed comprehensive claims data—including patient names, social security numbers, and geographic coordinates—to the Oregon Health Authority in Salem. This transfer established a permanent administrative footprint within the state’s healthcare registries.

More recently, on October 28, 2025, OHSU disclosed specific PHI elements (including birth dates, death dates, and address markers) to researchers at the University of Illinois Chicago (UIC). While these records were linked using a coded study ID to prevent direct identification by UIC investigators, the decryption keys mapping these codes back to Sprecher's identity remain stored at OHSU.

National Provider Identifier Verification and Luhn

Algorithm Audits

To verify the professional network associated with the "Proving My Truth" dossier, a detailed audit of National Provider Identifier (NPI) registration records was conducted. Maintained by the National Plan and Provider Enumeration System (NPPES), each NPI is a unique 10-digit number that must conform to the ISO standard Luhn (modulus 10) calculation. This algorithm uses a check digit in the tenth position to identify entry errors or fraudulent registration attempts. The mathematical verification is calculated using the following formula:
Let the 10-position NPI be represented as N = n_1 n_2 n_3 n_4 n_5 n_6 n_7 n_8 n_9 c, where c represents the final check digit.

1. Start with a constant value of 24, which accounts for the standardized "80840" US national health provider prefix.
2. Double the value of alternate digits, beginning with the rightmost payload digit (n_9): m_i = \begin{cases} 2 \time[span_99](start_span)[span_99](end_span)s n_i & \text{if } i \in \{1, 3, 5, 7, 9\} \\ n_i & \text{if } i \in \{2, 4, 6, 8\} \end{cases}
3. For any doubled value m_i > 9, sum the individual digits (e.g., 18 \rightarrow 1 + 8 = 9).
4. Add all the modified and unmodified digits to the constant prefix: T = 24 + \sum \text{digits of } m_i
5. Subtract this total from the next higher multiple of 10 to determine the valid check digit: c = (10 - (T \bmod 10)) \bmod 1[span_101](start_span)[span_101](end_span)0

For example, verifying the NPI 1093243271:

- The first nine payload digits are: 1, 0, 9, 3, 2, 4, 3, 2, 7.
- Doubling alternate digits yields: 2, 0, 18, 3, 4, 4, 6, 2, 14.
- Summing these digits along with the constant prefix: T = 24 + [2 + 0 + (1 + 8) + 3 + 4 + 4 + 6 + 2 + (1 +[span_102](start_span)[span_102](end_span) 4)] = 59
- Subtracting from the next multiple of 10 (60): $$60 - 59 = 1$$
- The calculated check digit matches the tenth digit (1), confirming the NPI is valid.

Applying this validation method to the professional network reveals several key operational connections:

Dr. Robert Vela (Blaine)

Dr. Vela is registered under NPI 1669762076 as an active Type-2 Organization (Robert Vela, M.D., P.A.). While his primary practice address is registered at 2201 CLEO ST SUITE A, CORPUS CHRISTI, TX 78405-1914, NPPES records show his organization is also linked to 2051 KAEN RD SUITE 367, OREGON CITY, OR 97045 under the phone number 503-722-6200. This dual-state presence directly connects his practice to the Clackamas County administrative region where Taylor Sprecher operates.

Dr. Ritu Sahni

Dr. Sahni is registered under NPI 1720083991 with a primary taxonomy in Emergency Medicine. His official address of record is 3181 SW SAM JACKSON PARK RD, PORTLAND, OR 97239, and his practice is directly associated with the Clackamas County EMS medical advisory systems. His administrative position connects him to both local healthcare oversight and regional medical transport networks.

Kelsey Bruck (Kelsey Irish)

Registered under NPI 1831644400 as a licensed pharmacist in Oregon (License 0015446). Her

primary practice is located at 2490 NE [span_109](start_span)[span_109](end_span)HIGHWAY 99W, MCMINNVILLE, OR 97128, which is identified in the forensic ledger as a key regional pharmacy and logistics node.

Portland Clinical and Academic Network

The local healthcare network is further documented through other registered professionals, including:

- Dr. Stephanie Detlefsen (NPI 1831209980), practicing Internal Medicine in North Portland.
- Jeffrey Yung (NPI 1346981073), registered as an educational trainee at the OHSU Sam Jackson Park Road campus.
- Dr. Anatoliy Vlasenko (NPI 1083174924), practicing Emergency Medicine at OHSU.
- Valentina Muggia (NPI 1013304807), a Licensed Clinical Social Worker based in Happy Valley.

These registry entries confirm a verified network of local healthcare professionals. This structured tracking helps investigators document the professional footprints of individuals connected to the administrative review of the transgender patient care protocols.

Cybersecurity Footprint and Physical-Chemical Forensic Integration

An analysis of the system access logs in Facebook IP Addresses that Hacked.pdf reveals a clear timeline of digital surveillance and account intrusions. The first unauthorized access was recorded on October 9, 2022, at 12:58 PM, originating from IP address 97.120.140.4. This network node belongs to a CenturyLink residential broadband block in Portland, Oregon. This initial breach occurred just as Sprecher was setting up professional domain systems and transitioning from general email accounts to custom business domains.

Sustained access attempts continued through mid-2023:

- **November 13 – December 29, 2022:** A series of unauthorized logins was recorded from IP addresses 97.120.151.143 and 97.120.178.48.
- **May 25 – June 17, 2023:** High-frequency access logs showed active sessions from IP address 16[span_121](start_span)[span_121](end_span)8.103.230.199, which is registered to a CenturyLink network block in Hillsboro, Oregon.
- **Concurrent Session States:** Automated session terminations and rapid connections were logged under IP address 70.59.151.0.

These network intrusions occurred during the same operational windows when Sprecher was actively developing transgender emergency care protocols in the field. This digital tracking highlights the need for a secured, multi-layered evidentiary record.

To support the digital audit trail, physical evidence is cataloged in a Master Forensic Evidence Ledger. This ledger uses specialized chemical and physical tracing methods to establish chain of custody and protect physical assets:

* **Thermal Ink Verification:** Standardizes the tracking of physical logistics stickers and delivery logs using macro-photography to verify thermal ink patterns.

- **Rhamine 6 Testing:** A chemical dye agent used to identify latent trace deposits on uniform items and field equipment.
- **Thorium-Activated Markers:** Uses low-energy, isotope-activated tracing compounds to confirm the physical integrity of secure storage materials, such as glassine packaging.
- **Employee ID 19886147 Cross-Referencing:** Validates internal deployment sheets and administrative duty logs against external telecommunications records to identify

discrepancies in official logs.

Evidence Identifier	Source / Context	Analytical Method	Technical Target	Verification Status
EV-001	receipts.csv / logs	CSV Parsing	Amazon Flex tracking data	Formally Logged
EV-002	Scan-PFTCOMPLETE1.pdf	Clinical Baseline Audit	Pulmonary function metrics	Verified 2024-02-20
EV-003	Facebook IP Logs	IP Geolocation Geodatabase	Unauthorized access endpoints	Active Security Threat Log
EV-004	OHA Registry Database	Registry Integration	EMS Card (OR-133707)	Active through 2027-06-30
EV-005	OHA Approval Letter	Administrative Review	T.T.P.A. CE course approval	Certified 2024-05-23
REF-001	VOR3 Route, North Portland	Thermal Signature Scan	Logistics thermal labels	Pending Physical Archive
REF-003	Uniform / Field Gear	Thorium Isotopic Verification	Chemical tracing agent	Secured in Glassine

This structured combination of telecommunications metadata, administrative histories, state regulatory registrations, and physical tracing records provides a comprehensive forensic framework. By linking digital IP histories with verified physical evidence, investigators can establish a clear, tamper-resistant record of events.

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