

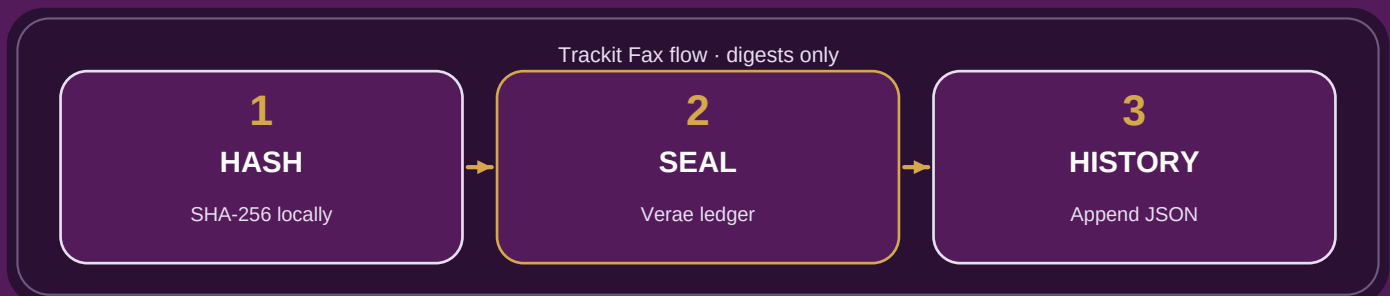


TRACKIT FAX · VERAЕ INC.

Your own Trackit-Fax for anything that needs a provable history.

Seal a device or asset identity once as a cryptographic digest. Append versioned JSON for every lifecycle change. Rebuild a readable history report anytime — phones, fleets, ITAD lots, titles, credentials — without losing a single state.

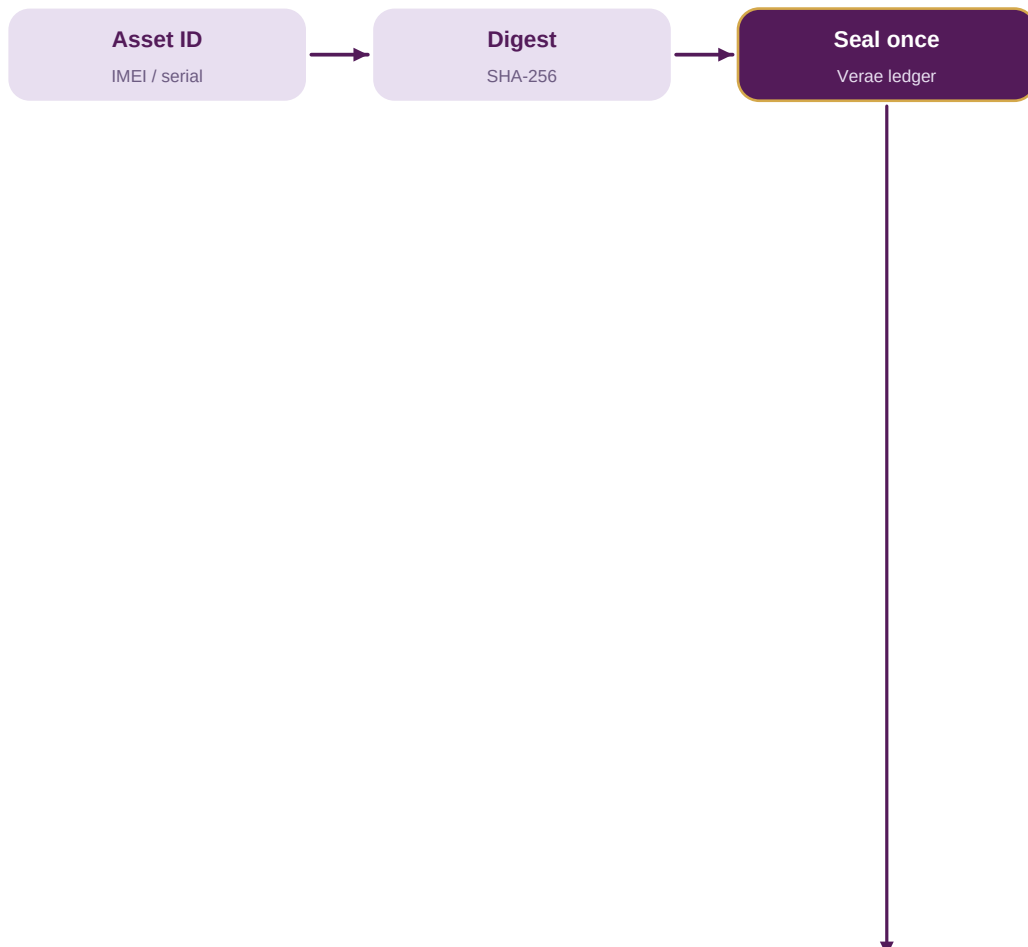
Hash locally. Stamp the digest. History never overwrites.



One sealed identity. An append-only timeline. A report you can rebuild forever.

You never upload the secret payload to get proof. Compute a SHA-256 digest locally; Verae seals that fingerprint once on the global timestamp ledger. Later events append metadata versions under a schema such as `verae.asset.phone.lifecycle/v1` — nothing overwritten. The Trackit Fax is a readable view over digest + ordered versions, verifiable online or by syncing and testing the proof path yourself.

DIAGRAM · Digests-only pipeline



Append-only metadata versions (v1...vn)



The digests-only lifecycle

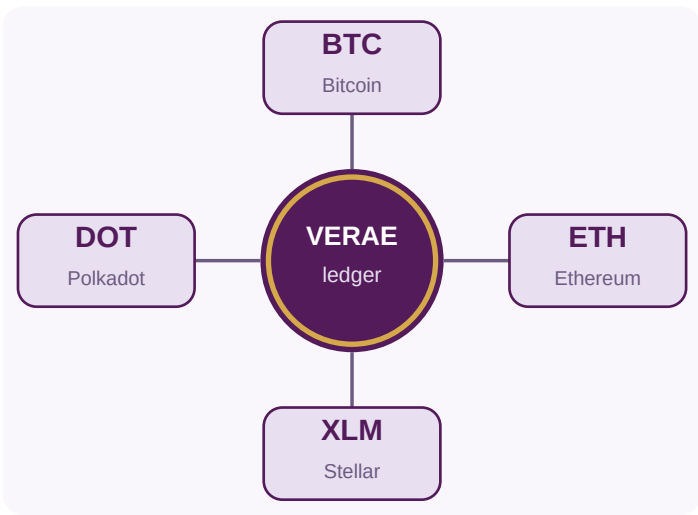
- Hash locally — SHA-256 of the stable ID (IMEI, serial, lot, title key)
- Seal once on Verae's global ledger — re-prove is readonly
- Append JSON for every state change — history never lost
- Anchor continuously with BTC, ETH, DOT, and XLM

File dates can be edited — an append-only Trackit Fax cannot quietly rewrite the past.

Phones today. Any tracked asset tomorrow. Same proof core.

Digest-once + metadata-forever for phones, fleets, ITAD, and credentials — sample pages for each type follow.

DIAGRAM · Global ledger + delivery



Deliver via

Same receipts everywhere

MCP

Agents · mcp.verae.ai

API

Apps · services.verae.ai

PrintIt

Documents · stamp path

Trackit

Reports · history packs

Device & IMEI history

- Seal SHA-256(IMEI) once
- Append lifecycle metadata
- One handset or fifty-device portfolio
- Tax-credit FMV when customer pays \$0

Fleet & portfolio packs

- Paid, free phone, free service, nonprofit
- Warehouse, recycle, and IMEI register
- Portfolio metrics on one sealed history
- WWM tax-credit rollups

ITAD event chains

- Pickup > audit > wipe > dispose/resale
- Metadata versions on the same digest
- Disposition evidence for auditors
- Digests only — no payload upload

MCP · API · PrintIt

- Agents via mcp.verae.ai
- Apps via services.verae.ai
- PrintIt from the document path
- Same digests-only receipts everywhere

Multi-chain verification

- Continuous BTC · ETH · DOT · XLM exchange
- Verify online via explorers and receipts
- Or offline by syncing the chain
- Same ledger under every Trackit Fax report

Sample gallery

- Live packs at trackit.verae.ai
- Summary PDF and fleet-50 portfolio
- Single-IMEI deep dive
- MCP instructions and product clips

Sample report pages

IMEI-359291081006720-Carfax.pdf · Vrae Asset History Report

Sample p1 — cover, digest, billing & on-chain receipt

Sample p3 — lifecycle / history detail

- Stable identity: SHA-256(IMEI) sealed once; re-prove is readonly
- Six-event lifecycle: manufactured → shipped → sold → activated → billed → recycled
- On-chain receipt fields: Merkle root, block hash, sealer, batch ID
- Customer economics: retail FMV, amount charged, TCO, invoice / batch IDs

Fifty devices. Mixed programs. One portfolio report.

Mixed programs in one pack: paid, free phone, free service, or full nonprofit benefit — warehouse shipments, recycle returns, and an IMEI register included. The fleet sample shows program mix percentages, retail phone value versus revenue charged, and Wounded Warrior Mobile tax-credit FMV totals so finance and program teams share the same sealed history.

Sample report pages

IMEI-Fleet-50-Carfax.pdf · Veræ Fleet Asset & Billing Report (50 cu

Veræ Fleet Asset & Billing Report
50-customer cellphone lifecycle - SHA-256(IMEI) tracking - Carfax-style history
Generated: 2026-10-20T08:38:36Z - Retail phone prices referenced from Oct 2026 unlocked listings

Device	Unit
Customers	50
Wounded Warrior Mobile free phone + service	17 (34%)
Free phone only (paid service)	17
Free service only (paid phone)	11
Standard paid phone + service	11
Units shipped from warehouse	38
Revenue by category	\$
Retail phone value (all units)	\$36,760.37
Phone revenue charged	\$12,416.66
Service revenue charged	\$6,760.60
Total customer TCO charged	\$20,176.14
Wounded Warrior Mobile tax-credit FMV total	\$74,214.58

Veræ Fleet report - Wounded Warrior Mobile tax-credit sample - ME 40001

Page 1

Sample p1 — fleet metrics & WWM tax-credit summary

3. Inventory shipped from warehouse

All units staged through distributor warehouse DET-LAN-03 before customer delivery

ID	Unit (IMEI)	IMEI	Model	Brand	Price	Revenue	Customer
101	2026-04-01 12:00:00	20260401120000000000	Galaxy S26	Galaxy S26	\$1,399.00	\$24,000.00	Patricia Green
102	2026-04-01 12:00:00	20260401120000000000	Galaxy S26	Galaxy S26	\$1,399.00	\$24,000.00	Patricia Green
103	2026-04-01 12:00:00	20260401120000000000	Galaxy S26	Galaxy S26	\$1,399.00	\$24,000.00	Patricia Green
104	2026-04-01 12:00:00	20260401120000000000	Galaxy S26	Galaxy S26	\$1,399.00	\$24,000.00	Patricia Green
105	2026-04-01 12:00:00	20260401120000000000	Galaxy S26	Galaxy S26	\$1,399.00	\$24,000.00	Patricia Green
106	2026-04-01 12:00:00	20260401120000000000	Galaxy S26	Galaxy S26	\$1,399.00	\$24,000.00	Patricia Green
107	2026-04-01 12:00:00	20260401120000000000	Galaxy S26	Galaxy S26	\$1,399.00	\$24,000.00	Patricia Green
108	2026-04-01 12:00:00	20260401120000000000	Galaxy S26	Galaxy S26	\$1,399.00	\$24,000.00	Patricia Green
109	2026-04-01 12:00:00	20260401120000000000	Galaxy S26	Galaxy S26	\$1,399.00	\$24,000.00	Patricia Green
110	2026-04-01 12:00:00	20260401120000000000	Galaxy S26	Galaxy S26	\$1,399.00	\$24,000.00	Patricia Green
111	2026-04-01 12:00:00	20260401120000000000	Galaxy S26	Galaxy S26	\$1,399.00	\$24,000.00	Patricia Green
112	2026-04-01 12:00:00	20260401120000000000	Galaxy S26	Galaxy S26	\$1,399.00	\$24,000.00	Patricia Green
113	2026-04-01 12:00:00	20260401120000000000	Galaxy S26	Galaxy S26	\$1,399.00	\$24,000.00	Patricia Green
114	2026-04-01 12:00:00	20260401120000000000	Galaxy S26	Galaxy S26	\$1,399.00	\$24,000.00	Patricia Green
115	2026-04-01 12:00:00	20260401120000000000	Galaxy S26	Galaxy S26	\$1,399.00	\$24,000.00	Patricia Green
116	2026-04-01 12:00:00	20260401120000000000	Galaxy S26	Galaxy S26	\$1,399.00	\$24,000.00	Patricia Green
117	2026-04-01 12:00:00	20260401120000000000	Galaxy S26	Galaxy S26	\$1,399.00	\$24,000.00	Patricia Green
118	2026-04-01 12:00:00	20260401120000000000	Galaxy S26	Galaxy S26	\$1,399.00	\$24,000.00	Patricia Green
119	2026-04-01 12:00:00	20260401120000000000	Galaxy S26	Galaxy S26	\$1,399.00	\$24,000.00	Patricia Green
120	2026-04-01 12:00:00	20260401120000000000	Galaxy S26	Galaxy S26	\$1,399.00	\$24,000.00	Patricia Green
121	2026-04-01 12:00:00	20260401120000000000	Galaxy S26	Galaxy S26	\$1,399.00	\$24,000.00	Patricia Green
122	2026-04-01 12:00:00	20260401120000000000	Galaxy S26	Galaxy S26	\$1,399.00	\$24,000.00	Patricia Green
123	2026-04-01 12:00:00	20260401120000000000	Galaxy S26	Galaxy S26	\$1,399.00	\$24,000.00	Patricia Green
124	2026-04-01 12:00:00	20260401120000000000	Galaxy S26	Galaxy S26	\$1,399.00	\$24,000.00	Patricia Green
125	2026-04-01 12:00:00	20260401120000000000	Galaxy S26	Galaxy S26	\$1,399.00	\$24,000.00	Patricia Green
126	2026-04-01 12:00:00	20260401120000000000	Galaxy S26	Galaxy S26	\$1,399.00	\$24,000.00	Patricia Green
127	2026-04-01 12:00:00	20260401120000000000	Galaxy S26	Galaxy S26	\$1,399.00	\$24,000.00	Patricia Green
128	2026-04-01 12:00:00	20260401120000000000	Galaxy S26	Galaxy S26	\$1,399.00	\$24,000.00	Patricia Green
129	2026-04-01 12:00:00	20260401120000000000	Galaxy S26	Galaxy S26	\$1,399.00	\$24,000.00	Patricia Green
130	2026-04-01 12:00:00	20260401120000000000	Galaxy S26	Galaxy S26	\$1,399.00	\$24,000.00	Patricia Green
131	2026-04-01 12:00:00	20260401120000000000	Galaxy S26	Galaxy S26	\$1,399.00	\$24,000.00	Patricia Green
132	2026-04-01 12:00:00	20260401120000000000	Galaxy S26	Galaxy S26	\$1,399.00	\$24,000.00	Patricia Green
133	2026-04-01 12:00:00	20260401120000000000	Galaxy S26	Galaxy S26	\$1,399.00	\$24,000.00	Patricia Green
134	2026-04-01 12:00:00	20260401120000000000	Galaxy S26	Galaxy S26	\$1,399.00	\$24,000.00	Patricia Green
135	2026-04-01 12:00:00	20260401120000000000	Galaxy S26	Galaxy S26	\$1,399.00	\$24,000.00	Patricia Green
136	2026-04-01 12:00:00	20260401120000000000	Galaxy S26	Galaxy S26	\$1,399.00	\$24,000.00	Patricia Green
137	2026-04-01 12:00:00	20260401120000000000	Galaxy S26	Galaxy S26	\$1,399.00	\$24,000.00	Patricia Green
138	2026-04-01 12:00:00	20260401120000000000	Galaxy S26	Galaxy S26	\$1,399.00	\$24,000.00	Patricia Green
139	2026-04-01 12:00:00	20260401120000000000	Galaxy S26	Galaxy S26	\$1,399.00	\$24,000.00	Patricia Green
140	2026-04-01 12:00:00	20260401120000000000	Galaxy S26	Galaxy S26	\$1,399.00	\$24,000.00	Patricia Green
141	2026-04-01 12:00:00	20260401120000000000	Galaxy S26	Galaxy S26	\$1,399.00	\$24,000.00	Patricia Green
142	2026-04-01 12:00:00	20260401120000000000	Galaxy S26	Galaxy S26	\$1,399.00	\$24,000.00	Patricia Green
143	2026-04-01 12:00:00	20260401120000000000	Galaxy S26	Galaxy S26	\$1,399.00	\$24,000.00	Patricia Green
144	2026-04-01 12:00:00	20260401120000000000	Galaxy S26	Galaxy S26	\$1,399.00	\$24,000.00	Patricia Green
145	2026-04-01 12:00:00	20260401120000000000	Galaxy S26	Galaxy S26	\$1,399.00	\$24,000.00	Patricia Green
146	2026-04-01 12:00:00	20260401120000000000	Galaxy S26	Galaxy S26	\$1,399.00	\$24,000.00	Patricia Green
147	2026-04-01 12:00:00	20260401120000000000	Galaxy S26	Galaxy S26	\$1,399.00	\$24,000.00	Patricia Green
148	2026-04-01 12:00:00	20260401120000000000	Galaxy S26	Galaxy S26	\$1,399.00	\$24,000.00	Patricia Green
149	2026-04-01 12:00:00	20260401120000000000	Galaxy S26	Galaxy S26	\$1,399.00	\$24,000.00	Patricia Green
150	2026-04-01 12:00:00	20260401120000000000	Galaxy S26	Galaxy S26	\$1,399.00	\$24,000.00	Patricia Green
151	2026-04-01 12:00:00	20260401120000000000	Galaxy S26	Galaxy S26	\$1,399.00	\$24,000.00	Patricia Green

Veræ Fleet report - Wounded Warrior Mobile tax-credit sample - ME 40001

Page 5

Sample p5 — register / portfolio detail page

Content included in this report

- Portfolio metrics: customers, program mix, units shipped, recycled
- Warehouse + recycle inventory with IMEI / manufacturer / model
- Tax-credit FMV rollups when phone or service is free
- Same digests-only model as the single-device report — at fleet scale

Every customer in one portfolio table — cost, term, TCO, and benefit type.

The Customer Report section of the fleet pack lists each client with phone cost charged, prepaid service term, monthly billing, total TCO, and benefit class. Operators see who paid retail, who received a free phone, free service, or full Wounded Warrior Mobile (free phone + free service) support — without opening fifty separate files.

Sample report pages

IMEI-Fleet-50-Carfax.pdf · Section 1 — Customer summary

1. Customer summary

Phone Cost = amount charged to customer (retail if paid, \$0 if free). Service Term = prepaid months. Monthly Billing = plan rate. TCO = Phone Cost + Monthly + Term charged.

Customer	Phone Cost	Service Term	Monthly Billing	TCO	Benefit
001 John Smith	\$0.00	12 mo	\$25.00	\$25.00	Free phone
002 Justin Rogers	\$500.00	12 mo	\$15.00	\$515.00	Standard paid
003 Taylor Hall	\$0.00	12 mo	\$15.00	\$0.00	WWM free phone/service
004 Morgan Brown	\$0.00	3 mo	\$25.00	\$0.00	WWM free phone/service
005 Casey Chen	\$0.00	3 mo	\$15.00	\$0.00	WWM free phone/service
006 Alex Garcia	\$0.00	3 mo	\$15.00	\$0.00	WWM free phone/service
007 Emily Kim	\$500.00	12 mo	\$25.00	\$525.00	Standard paid
008 Quinn Taylor	\$500.00	1 mo	\$15.00	\$515.00	Free service
009 James Walsh	\$0.00	12 mo	\$0.00	\$0.00	Standard paid
010 Nicole Singh	\$0.00	12 mo	\$0.00	\$0.00	WWM free phone/service
011 Cameron Mitchell	\$750.00	3 mo	\$25.00	\$775.00	Free service
012 Steve Davis	\$500.00	3 mo	\$25.00	\$525.00	Standard paid
013 Robert Bennett	\$750.00	3 mo	\$25.00	\$775.00	Standard paid
014 Patrick Choi	\$0.00	12 mo	\$15.00	\$0.00	WWM free phone/service
015 Oliver Chen	\$0.00	3 mo	\$15.00	\$0.00	Free service
016 Logan White	\$0.00	3 mo	\$25.00	\$0.00	Free phone
017 Brian Ford	\$750.00	3 mo	\$15.00	\$765.00	Free service
018 Douglas Reed	\$0.00	12 mo	\$15.00	\$0.00	Free phone
019 Thomas Myers	\$0.00	12 mo	\$25.00	\$0.00	Free service
020 Nigel Hunter	\$500.00	1 mo	\$15.00	\$515.00	Free service
021 Jonathan Jackson	\$0.00	1 mo	\$25.00	\$0.00	WWM free phone/service
022 Philip Hall	\$500.00	12 mo	\$25.00	\$525.00	Free service
023 Amanda Lewis	\$0.00	3 mo	\$25.00	\$0.00	Standard paid
024 Taylor Moore	\$500.00	3 mo	\$15.00	\$515.00	Standard paid
025 Charles Hall	\$500.00	12 mo	\$15.00	\$515.00	Standard paid

Veracore Report - Wounded Warrior Mobile (no credit sample) - 50 rows

Page 1

Sample — Customer summary (cost, term, monthly, TCO, benefit)

1. Customer summary (continued)

Customer	Phone Cost	Service Term	Monthly Billing	TCO	Benefit
026 Charles Choi	\$0.00	3 mo	\$25.00	\$0.00	Free service
027 John Price	\$1,200.00	3 mo	\$25.00	\$1,225.00	Free service
028 Patricia Quinn	\$0.00	3 mo	\$15.00	\$0.00	Standard paid
029 Kelly Reed	\$500.00	3 mo	\$25.00	\$525.00	Standard paid
030 Robert Smith	\$0.00	12 mo	\$15.00	\$0.00	WWM free phone/service
031 Felipe Torres	\$0.00	3 mo	\$25.00	\$0.00	WWM free phone/service
032 John Williams	\$0.00	1 mo	\$15.00	\$0.00	WWM free phone/service
033 Pat Taylor	\$0.00	3 mo	\$25.00	\$0.00	WWM free phone/service
034 Lane White	\$0.00	1 mo	\$25.00	\$0.00	Free service
035 Michael Wu	\$0.00	12 mo	\$15.00	\$0.00	Free phone
036 Nick Young	\$0.00	12 mo	\$25.00	\$0.00	Free phone
037 Ashley Zimmerman	\$0.00	12 mo	\$25.00	\$0.00	Free phone
038 Patricia Adams	\$0.00	3 mo	\$15.00	\$0.00	Free phone
039 Penny Baker	\$0.00	12 mo	\$25.00	\$0.00	Standard paid
040 Shawn Cook	\$0.00	12 mo	\$15.00	\$0.00	Free phone
041 Valeri Durr	\$0.00	1 mo	\$25.00	\$0.00	Free service
042 Neil Evans	\$0.00	3 mo	\$25.00	\$0.00	WWM free phone/service
043 Victor Fox	\$0.00	3 mo	\$15.00	\$0.00	Free phone
044 Paul Gibson	\$0.00	1 mo	\$25.00	\$0.00	Free phone
045 David Hall	\$0.00	3 mo	\$25.00	\$0.00	Free phone
046 Andrew Ingram	\$0.00	12 mo	\$25.00	\$0.00	Free phone
047 Emily Jones	\$0.00	1 mo	\$25.00	\$0.00	WWM free phone/service
048 Chris King	\$0.00	3 mo	\$15.00	\$0.00	WWM free phone/service
049 Emma Lopez	\$0.00	1 mo	\$15.00	\$0.00	Free phone
050 John Miller	\$0.00	3 mo	\$15.00	\$0.00	WWM free phone/service
TCO All	\$0.00		\$0.00	\$0.00	

Veracore Report - Wounded Warrior Mobile (no credit sample) - 50 rows

Page 2

Sample — Customer summary continued (portfolio rows)

Content included in this report

- Phone Cost = amount charged (retail if paid, \$0 if free)
- Service Term and Monthly Billing for prepaid plans
- Customer TCO and benefit / discount class per row
- Continues across pages for the full fifty-customer portfolio

Sample report pages

[illegible]

Lifecycle timeline						
Event times are the business lifecycle timestamps embedded in metadata. Write times are when each metadata version was recorded in meta_history. Timestamp IDs uniquely identify each metadata write.						
Meta ID	Customer event	Write time (UTC)	Timestamp ID	Version ID	History file path	
1	2020-05-07T08:24:23Z	purchase_order	2020-10-05 00:24:25.990Z	ts=170244666408753564.1	CDL-BASE_002.dat	
2	2020-04-23T08:24:23Z	shipped_in_billheader	2020-10-02 00:24:24.160Z	ts=170244666418874590.2	BCL-TRD21	
3	2020-05-07T08:24:23Z	add_n_customer	2020-10-02 00:24:24.590Z	ts=170244666459873323.3	S4S-0F-wds	
4	2020-05-07T08:24:23Z	adjusted	2020-10-02 00:24:25.360Z	ts=170244666459504569.4	Dynalisk-0.0.0	+1583302158
5	2020-05-07T08:24:23Z	service_bill_generated	2020-10-02 00:24:25.367Z	ts=170244666459733860.5	S1A-Servic - e	+ S116.7
6	2020-10-15T08:24:23Z	returned_bill_messaging	2020-10-02 00:24:25.767Z	ts=17024466645919872.6	PMSA-PMSA-00021	
Billing summary						
ID#	Timestamp (UTC)	Amount	Description			
Service vs stamp	2020-10-07T08:24:23Z	\$49.95 USD	PQCR-META-0209			
Service prepaid (if any)	2020-05-27T08:24:23Z	\$118.11 USD (\$18.55/mo + f)	AVI-004-0208-01 (one-time)			
Verse stamp (used)	2020-10-07T08:24:23Z	10x \$4.1 (also materialized used once)	SPU1 timestamp (one-time)			
Verse stamp/history (unused)	n/a -- ending digit	\$0.00 (timestamp=history1)	No new chain stamp			
Customer commercial total (service + prepaid service) = \$169.05 USD						

Verse MBI Metadata Center – customer@mbi.com

Page 1

- Stable ID: digest = SHA-256(IMEI); re-prove is readonly
- Timeline of business event times vs metadata write times
- Per-version event detail with timestamp / receipt IDs
- Same model for one handset or every row in the fleet register

Cost, history, customer type, discounts, and nonprofit contributions — per handset.

By Device Info drills into one customer and IMEI: handset retail FMV vs amount charged, service plan economics, benefit class (standard paid, free phone, free service, or WWM free phone+service), and the lifecycle event chain for that digest. Tax-credit FMV stays visible when the customer pays \$0 so nonprofit contributions are documentable.

Sample report pages

IMEI-Fleet-50-Carfax.pdf · Section 6 customer detail · single-IMEI b

cust: 305 - Casey Chen

Device	WWM free phone+sv - Wounded Warrior Mobile
IMEI / digest	3030010700022 - cc850a450a075...
Handset	Samsung Galaxy A71 5G - retail \$599.99 - charged \$0.00
Service	\$15.95/mo + 8 mo - retail \$119.70 - charged \$0.00
TCO charged	\$0.00
Invoice	INV-CA-2020-448024
Shipment	2020-04-15T10:00:00Z from 0017-LAN-00 - 8400-1020-0000-000
Stock / Activated / Billed	2020-04-07T10:00:00Z / 2020-04-07T10:00:00Z / 2020-04-07T10:00:00Z
Tax credit FMV	phone \$299.99 + service \$119.70 = \$419.69

Vehicle fleet report - Wounded Warrior Mobile tax credit sample - 540 items

Page 1

Sample — WWM device page (free phone+svc, FMV, digest)

Billing & tax credit

Item	Effective start	Amount	Notes
Device retail FMV	2020-04-15 10:00:00	\$1,199.69	Customer charged \$0
Proposed service (PMV)	2020-04-15 10:00:00	\$80.70	\$14.95/mo - charged \$0
Customer TCO	-	\$0.00	No charge to beneficiary
Wounded Warrior Mobile tax credit FMV	2020-04-15 10:00:00	\$1,380.39	Phone \$1,280.00 + service \$80.39
Vehicle stamp (paid)	2020-10-20 00:00:00	\$40 retained credit	BVA Workshop
Vehicle stamp (received)	na	\$0.00	Workshop received

Lifecycle timeline

Seq	Event/digest	Event	Effective start	Effective end	Transaction
1	2020-04-08 00:00:00	Manufactured	2020-10-20 00:00:00	to 175204001100000001-1	Registration MFG-0220-07-00-0000-0000-000
2	2020-04-15 10:00:00	Proposed to customer	2020-10-20 00:00:00	to 175204001100000002-2	MFG-0220-07-00-0000-0000-000
3	2020-04-15 10:00:00	WWM to customer	2020-10-20 00:00:00	to 175204001100000003-3	Issued via Wounded Warrior Mobile - PMV \$0.000000
4	2020-04-17 10:00:00	Activated	2020-10-20 00:00:00	to 175204001100000004-4	DeviceActive - #175204001100000004
5	2020-04-15 10:00:00	Service to PMV proposed	2020-10-20 00:00:00	to 175204001100000005-5	\$14.95/mo + 8 = \$80.70 PMV - \$0 charged

840 30001001000700 - 5400 items - Wounded Warrior Mobile

Page 2

Sample — Billing and tax-credit line items for one IMEI

Content included in this report

- Cost: retail FMV, amount charged, service retail vs charged, TCO
- History: manufactured through recycle on one sealed digest
- Customer types: paid, free phone, free service, WWM nonprofit
- Discounts and nonprofit contributions called out on the device page

Sample report pages

Trackit Fax · Verae Inc. · digests-only sample pages

WOUNDED WARRIER MOBILE TAX-CREDIT FMV

\$1,388.70

CERTIFIED AMOUNT
Phone FMV + service FMV

Certification of costs for nonprofit tax-credit justification

DEVICE IDENTIFICATION

CUSTOMER	PROGRAM
Eden Miller (cust_050)	Wounded Warrior Mobile — free phone + free service
IMEI	HANDSET
359291081006720	Apple iPhone 18 Pro Max
INVOICE	BATCH
INV-DM-2026-440049	SZX-2026-W40-449
DIGEST SHA-256 (DEVICE IDENTITY)	
a47c0ae3404760eb063f1349dc8bce762539ccaee925bdee55d107306a693329	

Certification of costs

COST ITEM	AMOUNT	NOTES
Device retail FMV	\$1,299.00	Customer charged \$0.00
Prepaid service FMV	\$89.70 (\$14.95 ×	Customer charged \$0.00
Customer TCO	\$0.00	No charge to beneficiary
WWM tax-credit FMV	\$1,388.70	Phone \$1,299.00 + service \$89.70
Verae stamp (seal)	lab metered once	Digests-only identity seal
Verae stamp (history)	\$0.00	timestamp-readonly

CERTIFICATION

Verae Inc. certifies that the sealed SHA-256(IMEI) digest above identifies this device, and that the retail fair-market values listed were recorded as append-only metadata for Wounded Warrior Mobile tax-credit justification while the beneficiary was charged \$0.00. History reads and verify are free; the first seal is digests-only.

Custom coding or MCP — digests-only Trackit Fax for any asset class

Use Verae MCP or your own code against `services.verae.ai` to seal a stable ID once, append lifecycle metadata, and rebuild history reports. Full paste-ready instructions come from `WoundedWarriorPhones.MD` (included as formatted pages in this brochure).

Custom code

POST digests to `services.verae.ai` / `api.verae.ai` with xVerae key

MCP agents

`mcp.verae.ai` tools: `stamp`, `verify`, `hash_report` (bearer in `~/verae/mcp-bearer`)

Same rules

hash locally; never upload IMEI/PDF bytes; append-only metadata versions

Goal

Build a **Trackit-Fax** style sample for cell phones:

1. Seal each phone's identity as ``SHA-256(IMEI)`` once on Verae's global timestamp ledger.
2. Append **versioned JSON metadata** for every lifecycle state change (nothing overwritten).
3. Produce readable history reports (PDF) for one live lab phone, a **50-device fleet**, one deep-dive IMEI, and an executive summary.
4. Frame **~** of the fleet as **Wounded Warrior Mobile (WWM)** nonprofit beneficiaries with free phone and/or free service, while still tracking **retail FMV** for tax-credit reporting.

Spelling in samples: **Wounded Warrior Mobile** (as given). Alias: **WWM**.

Product rules (must not violate)

- **Digests only.** Never upload IMEI plaintext, PDFs, or customer PII to the stamp API as file bytes. Hash locally; stamp the digest.
- **One on-chain seal per digest.** Later history = append-only metadata versions under schema ``verae.asset.phone.lifecycle/v1``.
- Re-submitting an already-sealed digest for prove is **timestamp-readonly** / **\$0** for the seal path.
- Event business times live in metadata ``content.event_at``. Meta write times / timestamp IDs come from ``meta_history``.
- Prove/verify subjects: ``verae.substrate.prove`` / ``verae.substrate.verify`` (or MCP ``stamp`` / ``verify`` / ``hash_report`` with ``want_scope=global`` when available).
- Prefer product hosts: ``api.verae.ai``, ``services.verae.ai``, ``mcp.verae.ai``, ``explorer.verae.ai``. Auth: ``xVerae-`` for commercial edge; MCP bearer for session tools.

Canonical lifecycle (six metadata versions)

In order:

1. ``manufactured``
2. ``shipped_to_distributor`` (warehouse, e.g. ``DIST-LAX-03``)
3. ``sold_to_customer``
4. ``activated``

MCP / agent workflow

1. Choose demo IMEI `356938032484611` (VeraePhone A1) or mint a new synthetic IMEI.
2. Compute `digest = sha256(IMEI)` hex lowercase.
 - Known demo digest: `ee9a48571efbebb681587322b55e41f3603ca4e235f9d8036337c2d1e80957a1`
3. MCP ****stamp**** the digest (global / edge as configured). Capture `receipt\_id`.
4. For each of the six lifecycle events, append metadata (schema `verae.asset.phone.lifecycle/v1`) with stage name, `event\_at`, price fields, warehouse codes, customer TCO notes.
 - Lab pricing example: sold `\$49.95`; prepaid `\$19.95 × 6` → service `\$119.70`; TCO `\$169.65`.
5. MCP ****verify**** the receipt; optional ****hash_report**** for history.
6. Build PDF ****IMEI-Lifecycle-Carfax.pdf**** (or copy into this project) from sqlite/meta history + receipt.

Experiment path on ns1 (ops): `~/verae-perf-corpus/experiments/imei-lifecycle/` (`run\_imei\_carfax.py`, run id e.g. `run-20261020T082423Z`).

1. Generate `fleet50-data.json` with 50 customers:
 - ****17**** nonprofit full free (phone + service)
 - ****11**** free phone only
 - ****11**** free service only
 - ****11**** standard paid
 - Recycled subset (e.g. ****8****)
2. For each IMEI: seal digest once; append 5 or 6 lifecycle metadata versions (6 if recycled).
3. Track ****retail phone value**** even when charged `\$0` (tax-credit FMV).
4. Emit ****IMEI-Fleet-50-Carfax.pdf**** with sections:
 - Customer summary (name, IMEI, phone cost, service term, monthly, TCO)
 - Non-profit tax-credit summary
 - Warehouse shipments (`DIST-LAX-03`)
 - Recycling (`RECYCLE-MFG-OR-01`)
 - IMEI register
 - Per-customer lifecycle detail
 - Retail price appendix (e.g. Oct 2026 unlocked refs)
5. Illustrative fleet stats used in samples: retail phone value ~`\$38,782.77`; TCO charged ~`\$20,745.74`; WWM tax-credit FMV ~`\$15,315.62`.

1. Pick IMEI `359291081006720` (cust_050 Eden Miller / Apple iPhone 18 Pro Max / `nonprofit\_full`).
2. Digest: `a47c0ae3404760eb063f1349dc8bce762539ccaee925bdee55d107306a693329`
3. Emit ****IMEI-359291081006720-Carfax.pdf**** + sidecar JSON: cover KV, on-chain receipt, billing/tax-credit table, timeline, per-version metadata, appendix receipt JSON.

Build ****Verae-IMEI-Reports-Summary.pdf****:

cover → executive summary → ****table of contents immediately after exec summary**** → tracking model → stamp billing (rate card, types A–E) → invoices (Report 1 Models A/B, Report 3, Fleet 50) → cost summary → catalog/comparison → artifacts/disclaimer.

- Brochure PDF (4-page fold-out draft)
- Short product MP4s: PrintIt, PrintIt animation, MCP, API, desktop, hash movement
- Publish gallery at ****https://trackit.verae.ai/****

Deliverables checklist

- [] `IMEI-Fleet-50-Carfax.pdf`
- [] `IMEI-359291081006720-Carfax.pdf`
- [] `Verae-IMEI-Reports-Summary.pdf`
- [] Optional: live lab `IMEI-Lifecycle-Carfax.pdf`
- [] Optional: brochure + product MP4s
- [] Gallery: <https://trackit.verae.ai/>

One-block prompt (copy into MCP / Grok)

Create a Wounded Warrior Mobile (WWM) Trackit-Fax sample using Verae digests-only timestamping.

Rules: hash IMEI locally to SHA-256; stamp the digest once; append versioned JSON metadata for

Produce: (1) one live lab phone report, (2) a 50-customer fleet PDF with ~1/3 nonprofit free ph

Related paths

Path · Role

`/Users/marchon/gitrepos/mine/kofalt/WoundedWarriorPhones/` · Project media + report PDFs

`/Users/marchon/app/drivetest/docs/imei-lifecycle/` · Source report builders / video briefs

`~/verae-perf-corpus/experiments/imei-lifecycle/` on ns1 · Live stamp experiment

<https://trackit.verae.ai/> · Public gallery

<https://mcp.verae.ai> · Verae Timestamping MCP

<https://api.verae.ai/docs/swagger/index.html> · Timestamping API docs

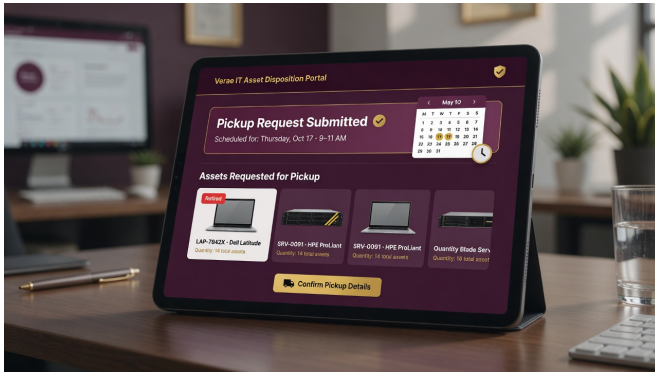
Regenerated for Trackit gallery · digests-only · Verae Global Timestamping

Pickup > audit > wipe > dispose or resale — every step sealed.

IT asset disposition is an event chain on the same sealed digest. Pickup, facility receive, audit, wipe, and dispose or resale each append a metadata version. Disposition evidence stays reconstructible for auditors without uploading device payloads to the stamp path — digests only, history never overwritten.

Sample report pages

Trackit-Fax ITAD long-cut storyboard stills · video-long/shots



Sample — ITAD pickup / chain-of-custody start



Sample — facility receive · audit · wipe path

Content included in this report

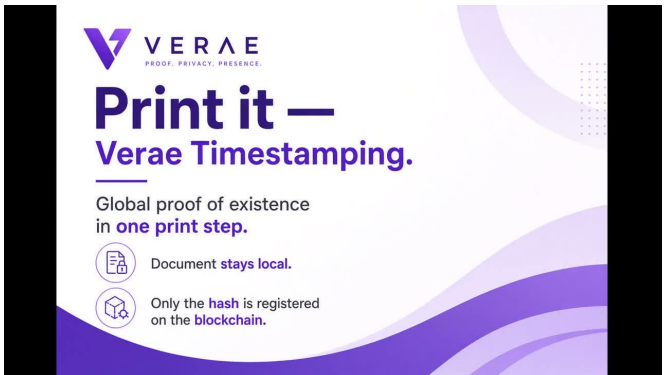
- One asset digest across the full ITAD path
- Append-only stages: pickup, receive, audit, wipe, dispose / resale
- Facility and audit evidence as versioned JSON metadata
- Same Trackit Fax rebuild pattern as phones and fleets

Agents, apps, and documents — same receipts everywhere.

Stamp and verify where work already happens. AI agents call `mcp.verae.ai`; applications use `services.verae.ai`; PrintIt seals from the document path. Digests-only rules stay constant: hash locally, seal the fingerprint, append metadata versions, keep content in your control. Humans, agents, and machines verify the same cryptographic receipts.

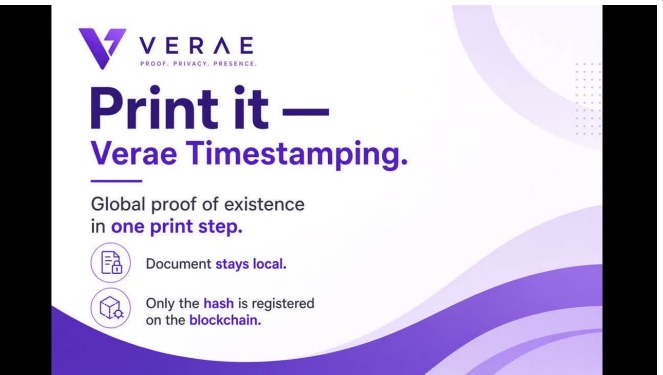
Sample report pages

`trackit.verae.ai` product clips · `verae_mcp` / `verae_api` / `verae_Print`



The image shows a sample report page for the Veræ MCP agent stamp path. It features the Veræ logo at the top left, followed by the heading "Print it — Veræ Timestamping." Below this, it states "Global proof of existence in **one print step**." There are two bullet points with icons: "Document **stays local**." and "Only the **hash** is registered on the **blockchain**." The page has a purple and white color scheme with wavy lines at the bottom.

Sample — Veræ MCP agent stamp path



The image shows a sample report page for the PrintIt document sealing path. It features the Veræ logo at the top left, followed by the heading "Print it — Veræ Timestamping." Below this, it states "Global proof of existence in **one print step**." There are two bullet points with icons: "Document **stays local**." and "Only the **hash** is registered on the **blockchain**." The page has a purple and white color scheme with wavy lines at the bottom.

Sample — PrintIt document sealing path

Content included in this report

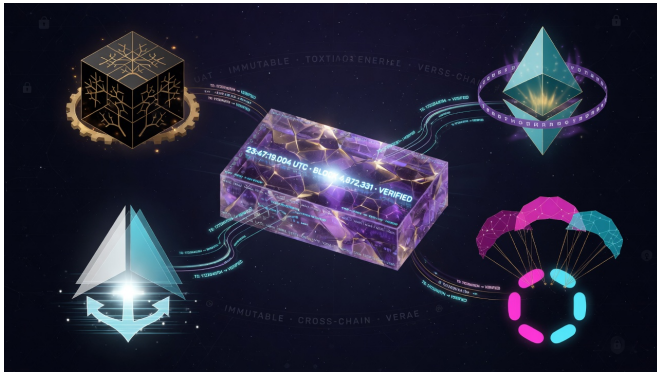
- MCP for agents — `mcp.verae.ai`
- Customer API / edge — `services.verae.ai`
- PrintIt — stamp-from-print / document workflow
- Identical receipt semantics across all three delivery paths

Continuous exchange with Bitcoin, Ethereum, Polkadot, and Stellar.

Verae continuously exchanges timestamps with major public chains so a sealed digest is not stranded on a single network. Verify online through published explorers and receipts, or offline by syncing and testing the proof path yourself. Trackit Fax history reports sit on that same continuously verified substrate.

Sample report pages

Trackit-Fax multi-chain teaser still · digest seal animation frame



Sample — multi-chain anchor / exchange visual



Sample — digest sealed on the global ledger

Content included in this report

- Anchors: BTC · ETH · DOT · XLM
- Continuous exchange — proof stays alive after the first seal
- Online verification and independent offline sync/test paths
- Same ledger underpins device, fleet, ITAD, and API/MCP stamps

Put Trackit Fax where your fleets, ITAD lines, and agents already work.



Whether you seal phone IMEIs, wire disposition events, regenerate history reports for auditors, or let an MCP agent append the next lifecycle version — you get the same thing: a fingerprint on Verae's global ledger, append-only JSON history, and receipts you can re-verify against continuous cross-chain anchors.

DIAGRAM · Trackit Fax architecture

Identity

1

IMEI · serial · lot · title key

Digest seal

2

SHA-256 fingerprint on Verae global ledger

Metadata log

3

Append-only JSON versions (lifecycle events)

Anchors

4

BTC · ETH · DOT · XLM continuous exchange

Outputs

5

History report · receipt · MCP / API / PrintIt

Connect

- > Trackit gallery: <https://trackit.verae.ai>
- > Customer API: <https://services.verae.ai>
- > YouTube: youtube.com/@VeraeTimeStamp
- > Product & company: <https://verae.ai>
- > MCP for agents: <https://mcp.verae.ai>
- > Talk to us: george@verae.com

We document gaps instead of hiding them. Compliance certifications (for example SOC 2) are roadmap items unless separately stated. Trackit Fax samples illustrate the digests-only + metadata model; production metering and retention follow your Verae account and published rate cards.