COMPEX / SECTOR EVIDENCE SUMMARY

Insurance & Insuretech

A synthetic demonstration bundle showing the exact evidence shape a production Compex run exports: signed contract, hardware attestation and an ordered hash chain of every allowed and blocked operation.

BUNDLE	CONTRACT	ATTESTATION
EV-INS-2026-11-001	PC-INS-2026-11	AMD SEV-SNP

Pipeline Contract

Purpose	Claims triage + actuarial fraud score
Data owner	Claims Data Owner
Reviewer	DPO / Model Risk Committee
Allowed columns	claim_id, icd10_category, reserve_amount, claim_status, region_code
Blocked columns	policyholder_name, claim_notes_raw, bank_account
Command allow-list	read_allowlisted_columns, score_claim, emit_risk_score
Output limit	risk_score + reason_codes; no raw rows
Retention	0 days in enclave memory; bundle retained 7 years

contract_hash

6d3785255ebe95b4b125c730e9947d8d99b387fae66acb3075cbeada9dee2c7b

Hardware attestation

TEE type	AMD SEV-SNP
Verification	VCEK chain validated | report_data binds the contract hash and the workload digest

tee_attestation_quote

Y9x3ppdcDvDZhyWVxYYUwCV6jACbVpdO75p5FLTJ5A1j3Heml1wO8NmHJZXFhhTAJXqMAJtWl07vmnkUtMnkDQ==

Deployment profiles

LAYER	CLOUD CONFIDENTIAL VPC	ON-PREMISE / AIR-GAPPED
Data lives in	Your existing AWS, Azure or GCP tenant, beside the policy administration system.	Your physical datacenter or mainframe-adjacent racks, including sovereign air-gapped estates.
TEE hardware	AWS Nitro Enclaves; Azure/GCP Confidential VMs on AMD SEV-SNP or Intel TDX; NVIDIA H100 confidential GPUs where needed.	Bare-metal AMD EPYC (SEV-SNP), Intel Xeon (TDX) and NVIDIA H100/Blackwell GPU TEEs over encrypted PCIe.
Locked out	Cloud provider admins, the host OS/hypervisor and the external AI vendor.	Internal root sysadmins, hypervisor operators and third-party model/agent developers.
Egress	VPC-peered zero-egress subnet; data keys are released only after the remote attestation quote matches the contract.	Strictly air-gapped: 0.0.0.0 outbound blocked. The local verifier checks the silicon signature offline.

Evidence bundle

Execution hash chain

Every permitted read and every refused operation is written in order. The chain head is signed by the TEE.

SEQ	TYPE	EVENT	SHA-256
001	CONTRACT	Pipeline Contract PC-INS-2026-11 verified against the reviewer signature.	7789a6013f78deeb1975...
002	ATTEST	AMD SEV-SNP quote verified; report_data binds the contract hash.	2e29da72ad8626712a11...
003	READ	Allow-listed read: claim_id, icd10_category, reserve_amount, claim_status, region_code.	4a308943e5fac6563db4...
004	OUTPUT	Signed output released: risk_score and reason_codes only.	574db2921e6060a6dc07...
005	BLOCKED	Out-of-scope read refused: policyholder_name.	9c0c020b6316c1c1002b...
006	SEALED	Evidence bundle sealed; hash chain head signed by the TEE.	3a5d300ed0f67c3c7235...

Files in this bundle

FILE	SIZE	SHA-256 (synthetic)
evidence.json	3 KB	39b694a851a6107593fdf43959cb402bd18c...
summary.pdf	6 KB	7953b1a1ba113f6d568bf8cdcfabd235d293...
audit.csv	1 KB	46f51b42ca71b8df644538977b11f6b90044...

Synthetic demonstration bundle. No customer data is included. Compex produces technical evidence of how a workload executed; legal conclusions are yours.