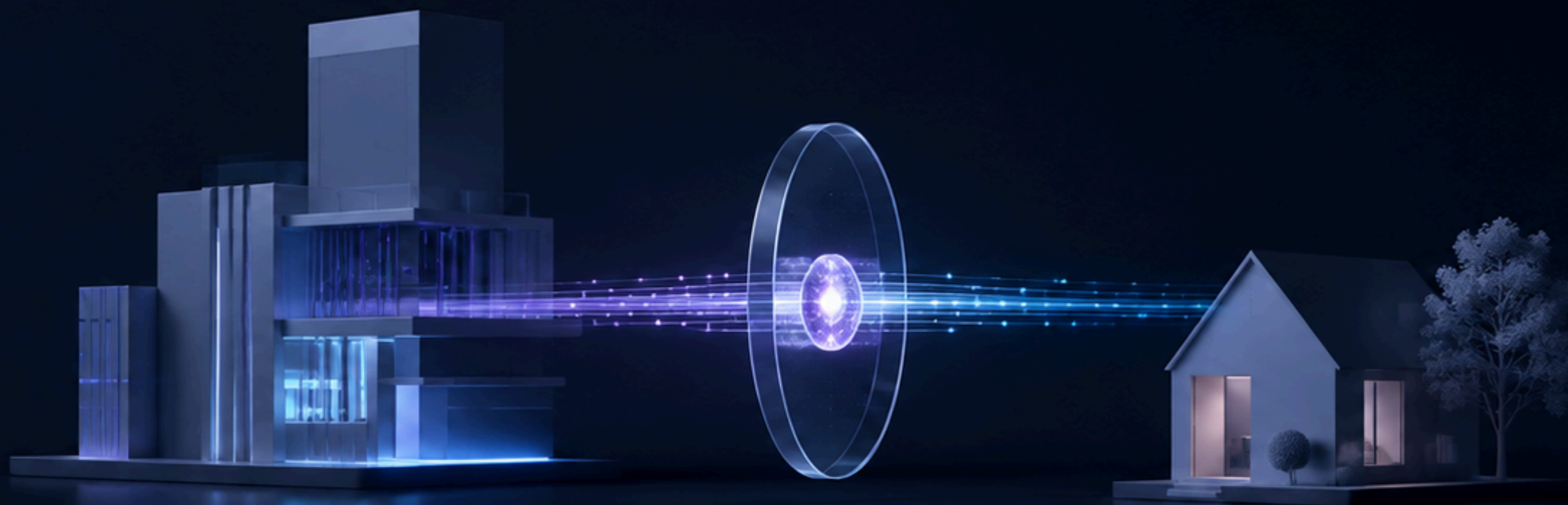


• CASE STUDY

Building Trusted Context from Home to Healthcare

How Ajentik uses Affinidi Trust Fabric to strengthen trust in AI-enabled healthcare information exchange

Ajentik

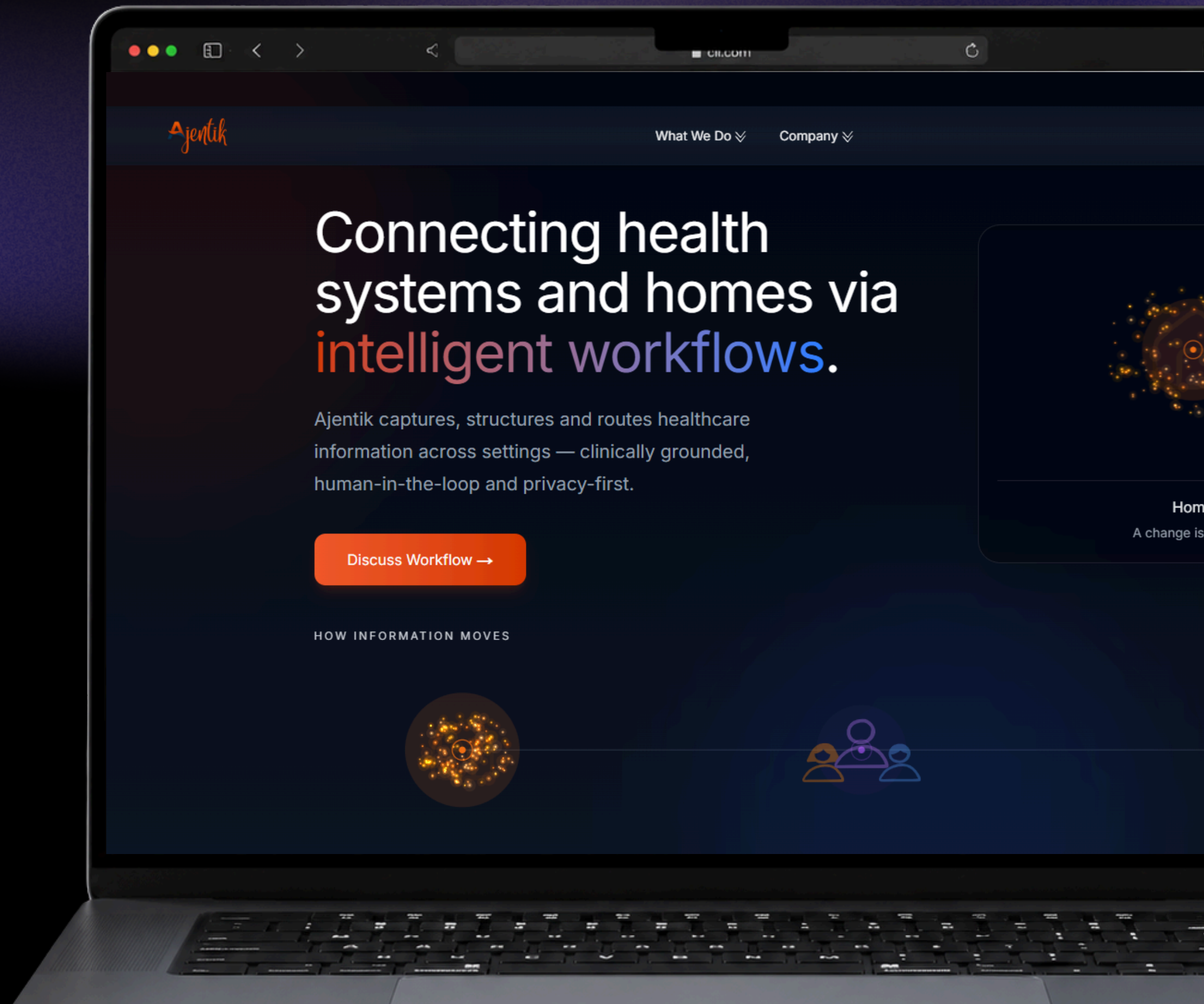


• ABOUT AJENTIK

Ajentik is a healthtech company focused on improving how ageing populations are cared for, with the goal of enabling seniors to age safely and confidently at home. Its flagship product, **Elderwise**, provides a voice- or text-guided service that converts everyday caregiver observations into structured, clinically meaningful summaries for professional review.

Positioned at the intersection of caregiving, clinical practice, and digital health, Elderwise acts as a translation layer between informal care environments and formal healthcare systems, bridging a longstanding gap in how care information flows.

The platform is being developed in close collaboration with leading community care and healthcare ecosystems, including consultation with clinicians across Singapore's health clusters. Elderwise was recognised as a Top 10 Venture by the Harvard Health Systems Innovation Lab in 2025, while Ajentik AI (Elderwise) is a Gold Track Finalist at Pitch For Good 2026.



● THE CHALLENGE

Ageing-related decline does not begin during a hospital visit. It begins gradually, often unnoticed in formal care settings, but visible in everyday life.

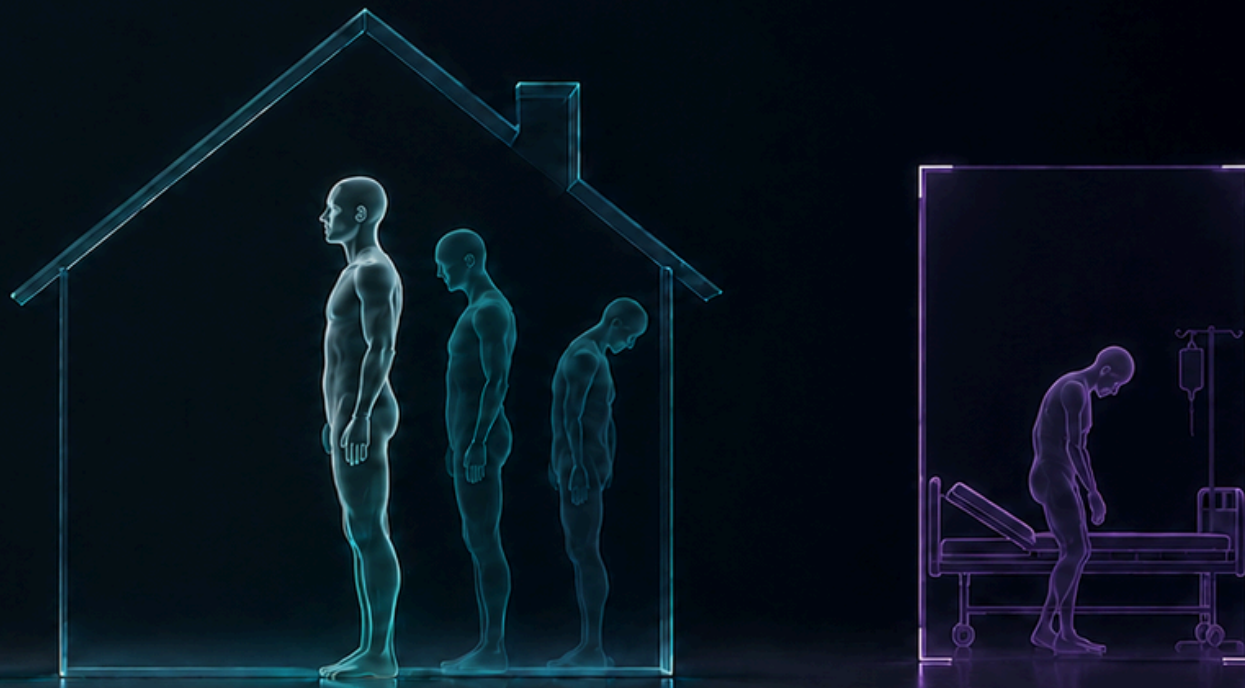
Family members, caregivers, and community workers are typically the first to observe subtle changes like reduced appetite, slower movement, or signs of social withdrawal. Each observation provides a valuable signal, but these signals are rarely captured in a structured way that clinicians can use.

This disconnect creates a fundamental gap between continuous real-world observations and episodic healthcare interactions.

The reality is that our healthcare systems are carrying an unsustainable load. A single comprehensive geriatric assessment can take up to 90 minutes per patient, forcing the system to rush through or entirely skip these assessments.

The urgency of this problem is increasing. According to the World Health Organization, [1.4 billion people will be aged 60 or older by 2030](#), while the global health workforce is projected to face a shortfall of [11 million workers](#).

As demand for ageing-related care grows, expanding access to comprehensive geriatric assessments that have been shown to improve important patient outcomes will become increasingly critical as clinical capacity becomes more constrained.



● THE SOLUTION

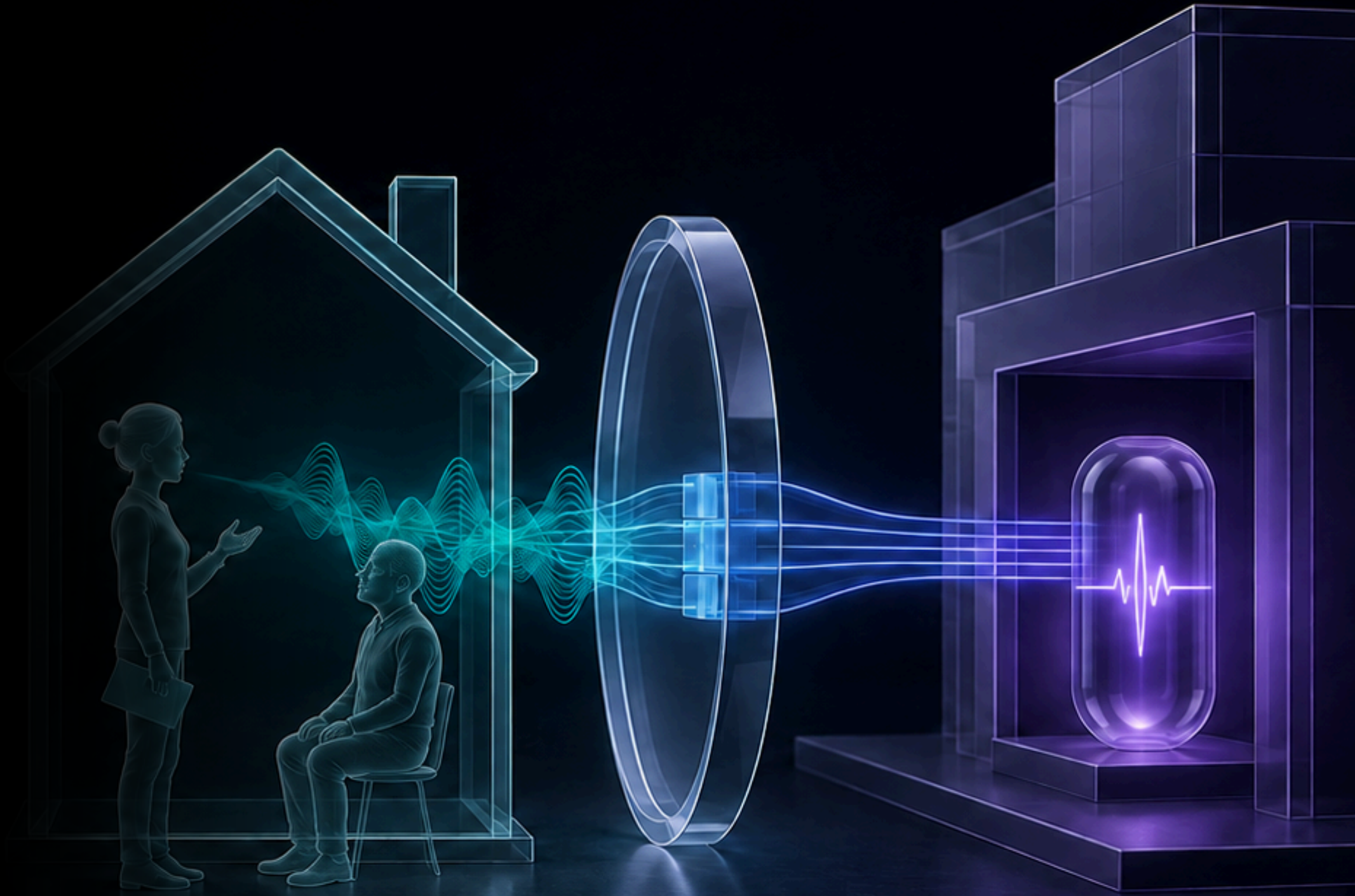
Elderwise addresses this gap by transforming informal caregiver inputs into structured summaries aligned with Comprehensive Geriatric Assessment (CGA) frameworks.

Through a guided workflow, caregivers are prompted with relevant questions to capture information that may be useful for professional review. What may begin as a general concern, such as 'she seems different', can be explored through more specific questions and structured across multiple domains, including mobility, cognition, medication adherence, nutrition and social wellbeing. The output is not a diagnosis, but a review-ready summary designed to support clinician decision-making.

To make this tangible, Elderwise can translate everyday observations into structured clinical information such as recent falls, missed medications, or changes in mobility patterns, giving care teams relevant information before a patient even arrives at a clinic.

This creates a continuous, structured flow of information from the home into the healthcare system. However, enabling this flow across organisational boundaries introduced a critical requirement: **trust**.

Hospitals must be able to verify that incoming data is authentic, untampered, and attributable, especially when it originates from AI systems outside their network.



● BUILDING TRUST INTO CLINICAL DATA EXCHANGE

The challenge facing healthcare providers is not access to more data. It is confidence in the source, integrity, and accountability of that data. As AI-generated insights become more common, hospitals need assurance that external information can be trusted before it enters clinical workflows.

While Elderwise can generate structured information for professional review, healthcare providers also require assurance about the source and integrity of externally generated data before incorporating it into operational workflows.

To address this, Ajentik integrated **Affinidi Trust Fabric** directly into the Elderwise architecture as the trust layer governing how data is exchanged with hospital systems.

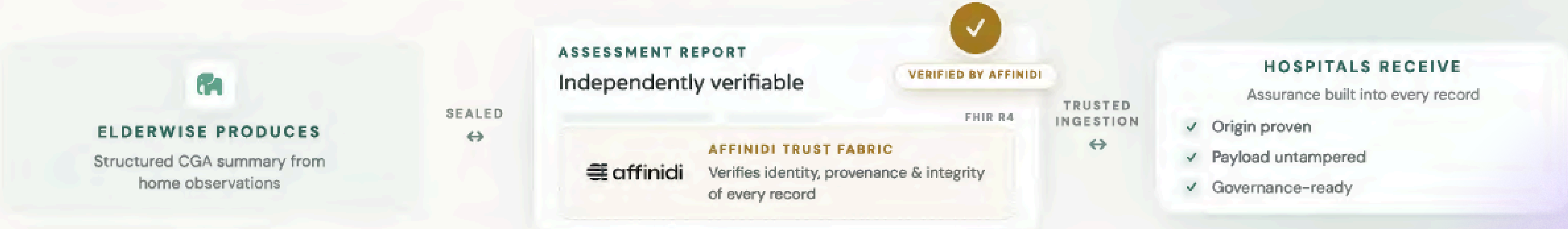
When Elderwise generates a structured assessment, the output is transmitted as a standards-based healthcare payload. Before reaching hospital electronic medical record systems, the data passes through Affinidi Trust Fabric, where it is cryptographically signed and verified. This allows receiving systems to verify both the originating agent and the integrity of the transmitted payload.



“*In healthcare, it's not enough to generate insights. You need them to be trusted by the systems and institutions that act on them. Affinidi Trust Fabric allows us to make every Elderwise output verifiable, accountable, and ready for professional review.*”

Volodmyr I, CAIO, Ajentik

Standards-grounded trust, with compounding layers for long-term advantage.



THE WHITESPACE | Caregiver-led capture into clinician-grade output: **clinical depth × caregiver autonomy** that AI scribes (clinician-side) and EMR vendors do not occupy.

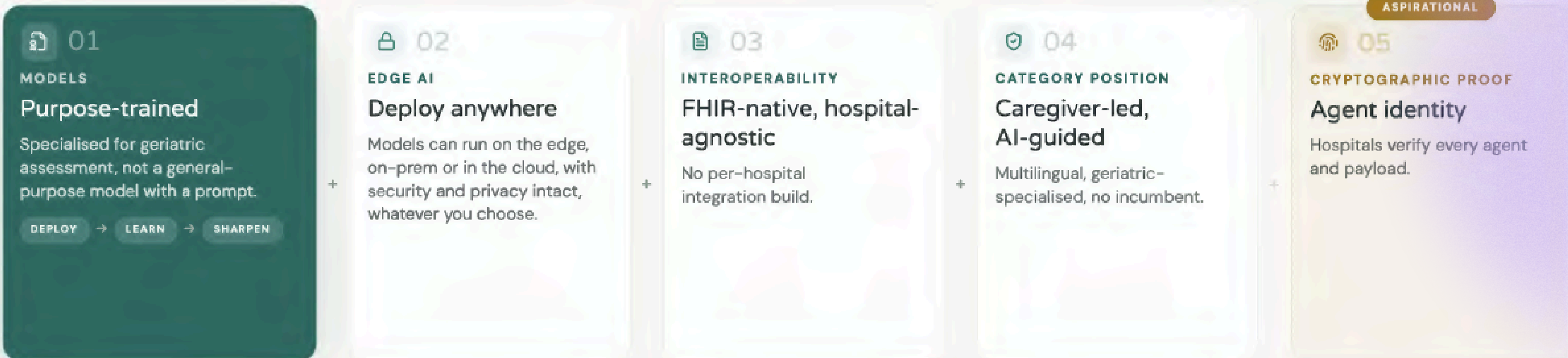


FIGURE:

Affinidi Trust Fabric cryptographically binds a verifiable identity to Elderwise assessments before they are delivered as Fast Healthcare Interoperability Resource (FHIR)-compatible healthcare records. This enables receiving healthcare systems to verify the origin, integrity, and accountability of externally generated AI insights

This transforms the nature of the data exchange:

Each payload is linked to a verifiable agent identity, allowing hospitals to confirm which software agent generated the assessment.

Data integrity is preserved end-to-end, ensuring that no tampering has occurred

Trust is established across organisational boundaries,

Supporting the safe incorporation of AI-generated inputs into clinical workflows.

Affinidi Trust Fabric does not determine whether an assessment is clinically correct. Instead, it allows healthcare providers to verify who generated an assessment, whether it has been altered in transit, and whether it was shared under the appropriate authority. This distinction is important: trust infrastructure makes AI-generated insights accountable and auditable, enabling healthcare professionals to evaluate them with confidence.

Beyond verification, this approach can support broader governance requirements, including policy controls, auditability and organisational compliance processes. While healthcare organisations increasingly explore AI-generated insights, mechanisms for cryptographically verifiable attribution and accountability are still emerging.

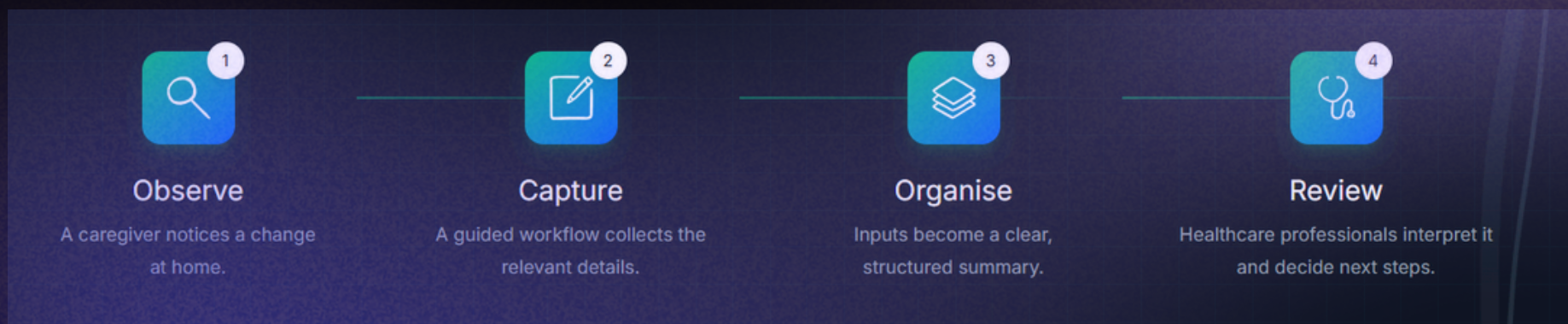


• BRIDGING HOME CARE AND CLINICAL CARE

Together, Elderwise and Affinidi Trust Fabric create a trusted bridge between community care and clinical systems.

Elderwise captures observations from caregivers and other care participants and structures relevant information for professional review. The trust layer ensures that these insights arrive at healthcare systems as verified, reliable inputs.

Together, these capabilities can provide healthcare professionals with additional structured context from home and community settings to support assessment and care coordination, while increasing access to care for our ageing population.



• THE IMPACT

With a verifiable trust layer in place, Aagentik has demonstrated a new model for integrating AI into healthcare ecosystems, one where externally generated insights can be safely incorporated into clinical workflows.

Elderwise enables:

- Continuous, structured insights from home and community environments
- Reduced clinician workload through pre-structured, review-ready summaries
- Improved coordination between caregivers, community providers, and hospitals

At the same time, Affinidi Trust Fabric ensures:

- Data is cryptographically verifiable and tamper-evident
- Every AI-generated output is attributable to a known identity
- Healthcare providers retain confidence and control over external inputs

This positions Elderwise not just as an application, but as a foundational layer in ageing care, connecting observation, interpretation, and trusted exchange.

● THE FUTURE

Ajentik is progressing toward production deployment, working with healthcare institutions to integrate Elderwise into real-world care pathways.

As community care networks expand, supported by initiatives such as Singapore's growing network of Active Ageing Centres, the need for trusted data exchange between home and healthcare systems will only increase.

In this future, healthcare will depend not just on better data, but on **trusted data**.

By embedding Affinidi Trust Fabric into its architecture, Ajentik is preparing for trusted AI agents exchanging verifiable information across organisational boundaries while preserving accountability and governance.

[Click here to learn more about Affinidi Trust Fabric >](#)

