



Unity Global Care & ALBERTai: Bringing All the Data Together for a Holistic, Proactive Revolution in Aging at Home

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We Have the Data. The Question Is What We Do With It.

Healthcare today produces more data than at any previous moment in human history. Electronic health records, remote monitoring devices, caregiver documentation systems, family communications, assessment tools, and behavioral analytics collectively generate an extraordinary volume of insight about aging individuals and the conditions surrounding their care. And yet, despite this abundance of information, families still struggle to see early cognitive, physical, nutritional, psychosocial, or socialization decline forming in a loved one at home. Care agencies still respond to crises rather than preventing them. Caregivers still operate in relative isolation, without the longitudinal context that would allow them to recognize a meaningful change before it becomes a catastrophic one.

The problem, as I have come to understand it through more than thirty years of working alongside medical professionals, research organizations, and patient communities across virtually every disease area, is not a shortage of data. The problem is fragmentation. The problem is that all of this information exists in disconnected silos, separate platforms, separate workflows, separate conversations, and no one has assembled it into a single, coherent, continuously updated picture of what is actually happening to an aging person in their home. The result is a system that, despite its technological sophistication, remains fundamentally reactive. It sees the fall after it happens. It recognizes the cognitive decline after it has progressed. It responds to the crisis rather than preventing it.

This is the gap that Unity Global Care and ALBERTai were built to close.

The Scale of What Is at Stake

Before understanding what Unity Global Care does and why it matters, it is worth pausing to absorb the full weight of the challenge it is responding to.

According to the United Nations, the number of people aged 70 and older is projected to more than double globally, from approximately 550 million in 2022 to nearly 1.5 billion by 2050, making the question of how to support aging adults one of the defining social issues of our time (*World Social Report 2023, United Nations Department of Economic and Social Affairs*). In the United States alone, there are currently 40 million adults aging in place, with 10,000 Americans turning 65 every single day. Supporting them, often invisibly, often at great personal cost, are approximately 53 million unpaid family caregivers, whose contributions are valued at more than \$470 billion annually and whose own health suffers as a direct result of the caregiving burden they carry (*Caregiving in the*

U.S. 2020, AARP and National Alliance for Caregiving). Globally, the World Health Organization estimates that informal caregivers provide between 70 and 90 percent of all care received by older adults in most countries (*WHO Global Report on Aging and Health, 2015*).

Woven through all of this is a quieter crisis that rarely makes headlines but devastates quality of life for millions: the epidemic of loneliness and social isolation among older adults. The U.S. Surgeon General's 2023 Advisory reported that approximately one in three adults over the age of 45 suffers from chronic loneliness. Research from the National Academies of Sciences, Engineering, and Medicine documented that prolonged isolation among older adults carries serious health consequences including significantly elevated risk of dementia, heart disease, and premature death (*Social Isolation and Loneliness in Older Adults, National Academies Press, 2020*). These are not abstract statistics. They are the lived reality of millions of families navigating some of the most emotionally complex decisions they will ever face, often with incomplete information and without adequate support.

The question this moment demands is not whether we need better data. We have the data. The question is whether we have the infrastructure to act on it, proactively, holistically, and in time to matter.

Why Fragmentation Is the Real Enemy

Throughout more than three decades of working alongside medical professionals, research organizations, and patient communities across virtually every disease area and care setting, I have watched this dynamic play out repeatedly. Healthcare organizations invest enormous resources in building data infrastructure, electronic records, analytic platforms, reporting dashboards, and then discover that having insight and being able to act on it are two entirely different things. What was designed to be a straightforward workflow becomes a complex, multi-step process involving multiple platforms, multiple parties, and countless opportunities for information to fall through the cracks. Ownership becomes unclear. Follow through becomes inconsistent. And the gaps in care that the data was meant to close remain stubbornly open.

This challenge is especially acute in aging at home, where the data itself is scattered across an unusually wide range of sources, caregiver visit notes, family observations, physician assessments, intake calls, medication records, environmental safety conditions, functional health trends, and behavioral signals that no single tool was designed to capture comprehensively or interpret intelligently.

A family watching a parent closely may sense that something has changed without being able to name it. A caregiver may notice a new hesitation in gait or a missed meal without understanding its significance within the broader trajectory of a client's condition. An agency may receive a report of a concerning incident without the contextual history needed to understand whether it represents an isolated event or an accelerating pattern of decline.

For home care and home health agencies, this fragmentation carries particularly serious operational and clinical consequences. Most agencies today deploy a patchwork of tools scheduling and billing platforms, remote patient monitoring devices, electronic visit verification systems, medication management applications, fall detection sensors, and cognitive assessment instruments each generating its own stream of data, each operating in its own closed environment, and none of them communicating meaningfully with the others.

The result is that agencies are simultaneously data rich and insight poor. They have access to more information about their clients than ever before, yet they remain structurally unable to see the full picture that information is trying to reveal. Clinicians and care coordinators are left to manually reconcile disconnected reports, often after the window for early intervention has already closed.

What is missing, in each of these scenarios, is not more data. What is missing is a unified intelligence layer that brings all of it together that can see across every input, learn from every signal, and translate the whole of what is known into clear, timely, actionable guidance.

That is precisely what Unity Global Care, powered by ALBERTai, was designed to deliver.

Unity Global Care: One Holistic View, Continuously Updated

The founding vision of Unity Global Care is straightforward in its ambition and profound in its implications to transform aging at home from an invisible, reactive, fragmented experience into a continuous, connected, and data driven system of proactive care. Not by replacing the tools, devices, and platforms that agencies and families already use, but by sitting above them integrating their outputs, learning from their data, and synthesizing everything into a unified picture that no single source could produce alone.

This is a distinction that matters enormously for home care and home health agencies evaluating how to modernize their operations. Unity Global Care does not ask agencies to abandon the technology investments they have already made or to standardize around a single approved set of monitoring tools. Instead, the ALBERTai ecosystem is architected from the ground up to connect with any independent or disparate data source regardless of the specific tools, devices, or monitoring systems an agency currently uses. Whether an agency relies on industry leading platforms or boutique specialty solutions, whether its caregivers document through mobile apps or legacy systems, whether its clients are monitored through wearable biosensors, passive in-home sensors, telehealth interfaces, or traditional in-person assessments ALBERTai can receive, interpret, and integrate that data into a single, coherent intelligence stream. No forklift upgrades. No forced platform migrations. No data left behind.

Unity Global Care connects the entire aging ecosystem, families, caregivers, agencies, care teams, referral partners, and service providers around this shared intelligence layer powered by ALBERTai. Every observation a caregiver records, every concern a family member raises, every assessment an agency conducts, every functional change that registers in the course of daily care flows into ALBERTai, where it is analyzed against the individual's established baseline, interpreted in the context of longitudinal trends, and surfaced as meaningful intelligence that supports earlier, better, and more confident decisions.

This is not data aggregation. It is decision technology and the distinction matters enormously. Most platforms in the elder care space are built to manage data or to streamline operations. ALBERTai is built to tell the story that the data is trying to tell, and to make sure that story reaches the right people at the right moment, with the clarity and specificity they need to act.

The Unity Global Care platform encompasses a full ecosystem of integrated capabilities: the ALBERTai intelligence layer with its predictive AI and continuous monitoring, a recruitment infrastructure to support caregiver sourcing and workforce pipeline management, an AI-powered call assist function that captures and qualifies leads around the clock, a client acquisition pathway connecting families seeking care directly to qualified agencies, and an expansive marketplace linking aging adults and their families to trusted service providers, home safety resources, and technology partners. Each of these components is valuable on its own.

Together, they form the unified infrastructure for the next generation of home care one in which compassion and intelligence are not competing priorities but deeply complementary ones.

The Competitive Advantage ALBERTai Delivers to Home Care and Home Health Agencies

For home care and home health agencies, the implementation of ALBERTai is not simply a technology upgrade it is a fundamental transformation in the quality, consistency, and defensibility of the care they deliver. Consider what becomes possible when every data stream an agency already generates is finally unified into a single, continuously updated view of each client's health, wellness, and safety.

Care coordinators gain a longitudinal picture of each client that no individual report or platform could previously provide. Subtle trends that might otherwise go unnoticed a gradual decline in activity levels, a pattern of disrupted sleep, a modest but meaningful change in medication adherence become visible weeks or months before they would have surfaced through traditional monitoring approaches. Supervisory nurses and clinical leads can allocate their attention with greater precision, focusing their most intensive oversight on the clients whose trajectories are showing early warning signs rather than distributing attention uniformly across a caseload. Caregiver teams operate with richer context, understanding not just what a client needs today but how their needs are evolving over time.

For agency administrators and owners, the benefits extend beyond clinical quality to competitive differentiation, risk management, and business performance. Agencies that can demonstrate to referral partners, discharge planners, and families that they operate with a unified, AI-powered view of every client's condition, are positioned to win the business that legacy agencies operating with fragmented tools and reactive protocols cannot credibly compete for. Rehospitalization rates decline when early warning signals are caught and acted upon. Family satisfaction increases when loved ones are monitored holistically rather than episodically. Staff retention improves when caregivers are equipped with intelligent tools that make their work more meaningful and more effective.

In an industry where differentiation is increasingly difficult and the cost of a preventable adverse event is increasingly high, ALBERTai gives agencies something genuinely rare: the ability to prove that their care is not just compassionate, but intelligent.

ALBERTai: The Intelligence That Makes It All Work

At the heart of Unity Global Care's ability to deliver a truly holistic view is ALBERTai and its signature metric: the **ALBERTai Aging-In-Place Score**[®]. Where most monitoring solutions track a single domain activity level, medication adherence, fall detection the AIP Score integrates three distinct dimensions of an aging individual's reality into a single, continuously updated measure of their independence and safety.

At a high level the formula reflects the complexity it is designed to address:

Aging-In-Place Score = Functional Wellbeing + Care Team Influence + Environmental Safety

Functional wellbeing captures the physical and cognitive health of the individual. **Care team influence** accounts for the quality, consistency, and responsiveness of the human support surrounding them. **Environmental safety** addresses the conditions of the home and surrounding environment itself. No single dimension tells the full story. Together, weighted and interpreted by ALBERTai's predictive intelligence, they reveal something that no individual data point could: the trajectory of an aging person's independence, and whether that trajectory is stable, improving, or quietly declining toward a crisis that still has time to be prevented.

What makes this possible at a level of accuracy and nuance that no competing platform can match is the computational depth that ALBERTai brings to bear on every individual client profile. The ALBERTai platform analyzes more than **15 million statistical variations of the data** flowing into each client's record in order to generate the Aging-In-Place Score. This is not a simple weighted average of a handful of metrics. It is a genuinely sophisticated analytical engine, one that considers an extraordinary range of variable combinations, interaction effects, and longitudinal patterns to surface insights that would be invisible to any simpler approach. The result is a score that does not merely reflect where a client is today, but anticipates where they are heading giving agencies, families, and care teams the lead time they need to intervene before a crisis becomes inevitable. This capability is protected at every level.

The ALBERTai ecosystem is **proprietary and multi-patent pending**, representing years of research, development, and clinical refinement that cannot be replicated by assembling off-the-shelf components or adapting existing analytics, large language models, or AI generated predictive platforms. For agencies partnering with Unity Global Care, this means access to a genuinely defensible technological advantage one that is not available through any other channel and that grows more powerful as it learns from each additional client, each additional data source, and each additional interaction within the ecosystem.

This longitudinal, continuously updated intelligence is what separates ALBERTai from every other tool in the market and what makes Unity Global Care's promise of proactive, holistic care not an aspiration, but an operational reality.

A New Standard for What Home Care and Aging-In-Place Can Be

The aging population will not wait for the industry to catch up. The 10,000 Americans turning 65 every day are not turning 65 into a world that is ready for them. They are turning 65 into a fragmented, reactive, siloed care system that was not designed for the scale, complexity, or longevity of the challenge ahead. Home care and home health agencies sit at the center of the solution but only if they have the tools to perform at the level the moment demands.

ALBERTai, and the Unity Global Care ecosystem it powers, represent the most comprehensive answer yet developed to the question of how aging at home can be made safer, smarter, and more human. By integrating every data source an agency uses regardless of vendor, platform, or format into a single holistic view of each client's health, wellness, and safety, and by analyzing more than 15 million statistical variations of that data to generate a continuously updated, predictive Aging-In-Place Score, ALBERTai gives agencies something the industry has never had before: the ability to see the full picture, in real time, and act on it before it is too late.

The data has always been there. For the first time, there is finally an intelligence capable of making it whole.

Unity Global Care is redefining what it means to age at home with intelligence, compassion, and the conviction that the data we already have, finally brought together, is enough to change everything.