

The AI-Native Children's Hospital

AI-Native Hospitals: Revolutionizing Pediatric Care with Generative AI and Spatial Computing



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1. Executive Summary

The healthcare industry is facing a paradigm shift as emerging technologies redefine what is possible in patient care, training, and safety. Nowhere is this transformation more critical than in the realm of pediatric medicine, where the challenges of treating young patients are compounded by the inadequacies of legacy systems. This white paper introduces the concept of the **AI-Native Children's Hospital**, a groundbreaking vision for integrating **generative AI**, **adaptive mentorship**, and **spatial computing** into every facet of pediatric care. By leveraging these technologies, health systems can address long-standing issues in pediatric imaging, clinical training, and post-discharge safety, while simultaneously improving outcomes, reducing costs, and enhancing the patient experience.

Pediatric hospitals face unique challenges. For example, children under six frequently require sedation for imaging procedures like MRIs, posing both clinical risks and financial burdens. According to a study of over 109,000 MRI-related sedations, 66.2% of cases involved children five years old or younger, with up to 64.4% of sedated children experiencing adverse effects such as agitation and dizziness. Furthermore, sedation fails entirely in 7% of cases, necessitating rescheduling and additional costs. These risks are compounded for younger patients, as the FDA has warned that repeated exposure to general anesthetics in children under three may impact brain development. Such concerns highlight the urgent need for innovative solutions that reduce sedation rates and improve the imaging experience.

The patient journey does not end at discharge. Families of medically complex pediatric patients are often tasked with managing tracheostomies, ventilators, and intricate medication regimens at home — often with minimal training and support. Research reveals that 20% of patients experience adverse events post-discharge, and for medically complex pediatric cases, 30–79% of readmissions are deemed preventable. These preventable readmissions stem from inadequate discharge education, poor information transfer, and insufficient follow-up care. The traditional reliance on printed instructions and sporadic follow-ups is no longer sufficient in a world where **spatial computing** and **adaptive AI mentors** can provide real-time, interactive guidance tailored to each family's needs.

The **AI-Native Children's Hospital** envisions a facility where these challenges are addressed through cutting-edge technologies. **Generative AI** now enables the creation of fully interactive 3D environments in minutes rather than months, dramatically reducing the cost and time associated with immersive content development. For example, a clinician could describe a pediatric MRI suite with calming ocean murals and a friendly AI guide, and within minutes, a fully navigable virtual environment is ready for use. These **generative worlds** eliminate the static, one-size-fits-all approach of earlier hospital AR/VR applications, allowing for instant customization based on clinical protocols, patient demographics, or departmental needs.

Complementing these environments are **adaptive AI mentors**, intelligent agents embedded within virtual spaces that provide personalized, real-time guidance. Unlike static, scripted characters, these mentors can adapt their language, tone, and instructions based on the user's age, emotional state, and clinical context. For example, a five-year-old undergoing an MRI

could receive comforting, child-friendly guidance, while a parent learning to manage a ventilator post-discharge could be coached with detailed, step-by-step instructions. These mentors ensure that every interaction is not only informative but also emotionally supportive, enhancing both learning and compliance.

By integrating **sentient architecture**, **generative AI**, and **adaptive AI mentors**, the **AI-Native Children's Hospital** offers a comprehensive solution to the challenges of pediatric care. This approach directly addresses sedation risks by creating engaging, child-friendly environments that reduce anxiety and improve cooperation during imaging procedures. It bridges the post-discharge safety gap by equipping families with immersive, adaptive training tools that enhance competence and confidence. Moreover, it transforms the economics of care delivery by reducing sedation rates, improving patient throughput, and minimizing preventable readmissions.

The stakes are clear: pediatric health systems that fail to embrace these innovations risk falling behind, both clinically and financially. This white paper argues that the question is no longer whether AI belongs in the pediatric patient experience, but rather which health systems will lead the charge in defining the new standard. The **AI-Native Children's Hospital** represents a bold vision for the future, offering measurable improvements in patient outcomes, operational efficiency, and family satisfaction.

2. The Problem/Challenge

Pediatric healthcare presents unique challenges that legacy systems and traditional methods are ill-equipped to handle. From the clinical risks of sedation during imaging procedures to the critical gaps in post-discharge safety and the financial burdens of inefficiencies, the current state of pediatric care demands urgent innovation. The **AI-Native Children's Hospital** model directly addresses these challenges by introducing technologies that transform the patient experience, enhance clinical training, and improve outcomes.

The Sedation Problem

Magnetic resonance imaging (MRI) is an essential diagnostic tool in pediatric medicine, offering unparalleled tissue resolution without the risks of ionizing radiation. However, the very safety advantages that make MRI ideal for children are undermined by the difficulty of ensuring young patients remain still during the procedure. For children under six, the confined space, loud noises (up to 110 dB), and separation from caregivers often provoke extreme anxiety, making sedation or general anesthesia necessary for the majority of cases.

A study involving 109,000 MRI-related sedations revealed that 66.2% of cases involved children aged five or younger, with adverse events such as agitation and dizziness occurring in up to 64.4% of sedated patients. Alarmingly, sedation fails entirely in 7% of cases, requiring rescheduling and further resource allocation. Beyond these immediate concerns, the FDA has raised alarms about the potential neurocognitive impact of repeated or prolonged

exposure to anesthetic agents in children under three. For pediatric patients requiring serial imaging over the course of their treatment, this represents a significant clinical risk.

The financial implications are equally concerning. Each sedation event requires a team of specialists, including anesthesiologists and dedicated nursing staff, as well as specialized monitoring equipment and recovery space. A non-sedated MRI typically takes 30–45 minutes, whereas a sedated MRI consumes 2–4 hours of clinical resources when factoring in preparation, monitoring, and recovery. For facilities performing 750 or more MRIs monthly, high sedation rates translate into hundreds of hours of lost capacity annually — a burden that directly impacts throughput and revenue.

The Post-Discharge Safety Gap

The challenges of pediatric care extend well beyond the hospital walls. Families of medically complex children often face overwhelming responsibilities after discharge, including the management of tracheostomies, home ventilators, central lines, and intricate medication schedules. Despite the high stakes, discharge education remains alarmingly inadequate. Standard practices, such as printed handouts and brief verbal instructions, fail to equip caregivers with the skills and confidence needed to manage these complex tasks at home.

The consequences are stark. Research shows that 20% of patients experience adverse events post-discharge, with medication errors being the most common. For pediatric patients, the 30-day unplanned readmission rate is 5–7%, driven by complications such as respiratory issues, medication-related errors, and post-operative complications. Among medically complex children, preventable readmissions account for 30–79% of cases, highlighting the critical need for better education, information transfer, and follow-up care.

The Financial Burden of Inefficiencies

The inefficiencies inherent in the current system impose significant financial strain on health systems. High sedation rates not only increase costs but also reduce scanner availability, limiting a facility's ability to serve more patients. Similarly, preventable readmissions strain hospital resources, diverting attention from new patients and increasing overall costs of care. These inefficiencies underscore the need for transformative solutions that improve both clinical and operational outcomes.

The **AI-Native Children's Hospital** directly addresses these challenges by integrating **generative AI**, **adaptive mentorship**, and **spatial computing** into every stage of care. This approach reduces sedation rates by creating engaging, child-friendly environments that alleviate anxiety and improve compliance. It bridges the post-discharge safety gap by providing families with interactive, personalized training tools that enhance competence and confidence. By addressing these critical pain points, the **AI-Native Children's Hospital** not only improves outcomes but also delivers substantial cost savings and operational efficiencies.

3. The Solution

The **AI-Native Children's Hospital** represents a groundbreaking convergence of **generative AI**, **adaptive AI mentors**, and **spatial computing**, deployed across the entire patient care continuum to address critical challenges in pediatric care. By utilizing these innovative technologies, this solution seeks to redefine how children and their families experience hospital care, how clinicians are trained, and how post-discharge safety is managed.

Transforming Treatment Preparation

One of the most significant challenges in pediatric care is the necessity of sedation for procedures like MRI scans. The **AI-Native Children's Hospital** leverages **generative AI** to create fully interactive, immersive environments that reduce patient anxiety and minimize the need for sedation. These environments, referred to as **Generative Worlds**, are built in real-time based on text prompts, allowing for rapid customization tailored to each child's needs. For example, an MRI suite could be transformed into an ocean-themed adventure guided by a friendly mascot, helping children feel safe and engaged rather than anxious.

This capability not only reduces the reliance on sedation—addressing its long-term neurocognitive risks—but also improves operational efficiency. By cutting down sedation rates, facilities can reclaim hundreds of hours of clinical capacity annually, translating into significant cost savings and improved throughput. For hospitals performing 750 or more MRIs per month, reducing the sedation rate from 60% to 30% can have a transformative financial and operational impact.

Enhancing Competency Training

The **AI-Native Children's Hospital** also addresses the knowledge gaps faced by healthcare providers through **adaptive mentorship** embedded within immersive environments. Traditional training methods often fail to prepare clinicians for the complexities of pediatric care, particularly in high-stakes situations. By integrating **adaptive AI mentors** into **Generative Worlds**, clinicians can engage in realistic, interactive training scenarios that adjust dynamically to their skill level and learning pace.

For instance, a trainee nurse can practice managing a tracheostomy tube in a simulated home environment while receiving real-time feedback from an AI mentor. This adaptive capability ensures that staff achieve a higher level of competency more quickly, directly impacting patient safety and care quality. Moreover, the flexibility of these **AI-native immersive experiences** supports ongoing skill refinement, enabling clinicians to adapt to new protocols and technologies seamlessly.

Bridging the Post-Discharge Safety Gap

One of the most pressing issues in pediatric care is the **post-discharge safety gap**, especially for medically complex children. The current reliance on printed instructions and verbal guidance is insufficient for parents managing procedures like ventilator care or central line maintenance at home. The **AI-Native Children’s Hospital** addresses this gap through **spatial computing** and **adaptive AI mentors**.

Parents can now access interactive, AR-based guidance in their homes, transforming static instructions into actionable, immersive experiences. For example, an AI mentor could guide a parent step-by-step through suctioning a tracheostomy tube at 2 a.m., providing both visual and verbal support tailored to their specific equipment and setup. This approach not only enhances parent confidence but also reduces the likelihood of errors, which are a leading cause of pediatric readmissions.

A Holistic Transformation

The integration of **generative AI**, **adaptive AI mentors**, and **spatial computing** into the **AI-Native Children’s Hospital** represents a holistic transformation of pediatric care. By addressing the sedation problem, enhancing clinical training, and bridging the post-discharge safety gap, this solution ensures better outcomes for children, families, and healthcare systems alike. It redefines the role of technology in healthcare—not as a tool but as an active, adaptive partner in care delivery.

4: Key Features/Capabilities

The **AI-Native Children’s Hospital** is built on a foundation of innovative features that redefine pediatric care. By leveraging **Generative Worlds**, **Adaptive AI Mentors**, and **Sentient Architecture**, this system delivers transformative capabilities across treatment preparation, clinical training, and post-discharge care. Below, we explore the core innovations that make this vision possible.

Sentient Worlds for Immersive Procedural Preparation

At the heart of the **AI-Native Children’s Hospital** is the concept of **Generative Worlds**—interactive 3D environments created in real-time through **generative AI**. Unlike traditional hospital AR/VR applications, which relied on static, pre-rendered experiences, **Generative Worlds** adapt dynamically to the needs of each patient.

For example, a pediatric MRI suite can be transformed into a calming, ocean-themed environment complete with visual and auditory cues designed to reduce anxiety. The customization extends beyond aesthetics; these environments can be tailored to a child's age, language, and emotional state, ensuring maximum engagement and comfort. This adaptability not only enhances the patient experience but also reduces sedation rates, minimizing clinical risks and operational costs.

Intelligent Mascots for Guided Experiences

A unique component of **Generative Worlds** is the inclusion of **Adaptive AI Mentors**, often designed as friendly, intelligent mascots. These AI-driven agents provide real-time guidance and emotional support, creating a personalized and engaging experience for young patients.

For instance, a mascot could explain the MRI process in simple, reassuring terms while responding dynamically to a child's reactions. If the child appears anxious, the mentor might shift to a more comforting tone or introduce a playful distraction. This level of personalization ensures that every child feels understood and supported, reducing fear and improving procedural compliance.

Post-Discharge Co-Pilot for In-Home AR Guidance

The **AI-Native Children's Hospital** extends its capabilities beyond the hospital walls with the **Post-Discharge Co-Pilot**—an AR-based system designed to support parents managing complex medical care at home. Powered by **adaptive AI mentors**, this feature delivers step-by-step, interactive guidance for tasks like medication administration, tracheostomy care, or ventilator setup.

For example, a parent attempting to administer medication through a central line could use the **Post-Discharge Co-Pilot** to visualize the process in real time, ensuring accuracy and confidence. This capability is particularly critical given that up to 79% of pediatric readmissions are potentially preventable with better discharge education and follow-up care.

Digital Twin Facility for Operational Excellence

The implementation of **Sentient Architecture** within the **AI-Native Children's Hospital** extends to its physical infrastructure. **Digital Twin Facility** features create virtual replicas of hospital spaces, enabling real-time monitoring, predictive maintenance, and operational optimization. By integrating IoT data and AI analytics, these digital twins ensure that hospital resources are utilized efficiently, directly supporting patient care and safety.

Clinical Training Academy for Staff Proficiency

To ensure that hospital staff are fully prepared for the demands of pediatric care, the **AI-Native Children's Hospital** includes a **Clinical Training Academy** powered by **adaptive AI mentors**. This feature provides immersive, scenario-based training for clinicians, enabling them to practice and refine their skills in a risk-free environment.

For example, a nurse could train on managing a pediatric cardiac arrest scenario within a **Generative World**, receiving real-time feedback and guidance from an AI mentor. By tailoring the training experience to each clinician's skill level and learning needs, the **Clinical Training Academy** accelerates time-to-competency and ensures that staff are prepared for even the most complex cases.

Together, these features represent a comprehensive, integrated approach to reimagining pediatric care. By leveraging **generative AI**, **adaptive mentorship**, and **spatial computing**, the **AI-Native Children's Hospital** sets a new standard for innovation and excellence in healthcare.

5. How It Works

The **AI-Native Children's Hospital** leverages cutting-edge technology innovations to redefine the pediatric care experience, integrating **generative AI**, **adaptive AI mentors**, and a **sentient architecture** framework. These advancements enable healthcare systems to address longstanding clinical and operational challenges while creating tailored, immersive solutions for pediatric patients, their families, and medical teams.

Generative Worlds: Revolutionizing 3D Content Creation

At the heart of the **AI-Native Children's Hospital** is the ability to generate fully immersive, interactive **3D environments** in a fraction of the time and cost previously required. Using **generative AI**, healthcare professionals can design complex scenarios with simple text prompts. For example, a clinician might describe a calming, child-friendly MRI suite: "an ocean-themed room with colorful murals and a playful bear mascot guiding a nervous child." Within minutes, the AI creates a navigable, interactive environment tailored to this vision.

This capability marks a monumental shift from the traditional development processes that relied on platforms like Unity or Unreal. Historically, creating a single **3D educational module** would require 8–12 weeks of development time at a cost of \$50,000 to \$150,000. In contrast, **generative AI** reduces the timeline to days and slashes costs by an order of magnitude. Moreover, these environments are not static; they can be instantly modified to accommodate evolving clinical protocols, multiple languages, or departmental needs—without requiring extensive redevelopment.

Adaptive AI Mentors: Personalized, Real-Time Guidance

The second core innovation is the integration of **adaptive AI mentors**, intelligent agents embedded within these immersive environments. Unlike pre-scripted characters that deliver uniform responses, **adaptive AI mentors** perceive user behavior and respond dynamically. This allows for real-time personalization based on the user's age, language, emotional state, and clinical context.

For example:

- A **five-year-old** undergoing an MRI might interact with a friendly mascot that uses simple language and playful encouragement to allay their fears.
- A **parent** being trained on post-discharge care for a tracheostomy might experience a more technical, step-by-step guide tailored to their language preference and level of medical familiarity.

These mentors adjust their communication style, emotional tone, and instructional complexity to ensure engagement and comprehension, regardless of the user's background. This intelligent adaptability is crucial in high-stakes scenarios like preparing families for complex home care procedures or calming a frightened child before sedation-free imaging.

The Sentient Architecture: Integrating Generative Worlds and Adaptive Mentorship

The **AI-Native Children's Hospital** operates on a **sentient architecture**, a dual-AI framework that seamlessly combines **generative world creation** with **adaptive, real-time mentoring**. This architecture enables immersive technology to move beyond static visuals, delivering dynamic, clinically relevant experiences that evolve with the user's needs.

For pediatric patients, the **sentient architecture** ensures that every interaction is both engaging and therapeutic. Imagine a child walking into a virtual MRI suite. The **generative AI** creates an inviting, child-friendly environment, while the **adaptive AI mentor** provides reassurance, explains the procedure in age-appropriate terms, and even offers relaxation techniques.

For clinicians and healthcare teams, the **sentient architecture** aids in training and protocol adherence. It allows for the rapid creation of scenario-specific training modules, such as simulated emergency responses or pediatric procedural refreshers, that can be tailored to individual or team needs.

A Transformative Workflow

The interplay between **generative AI**, **adaptive AI mentors**, and the **sentient architecture** delivers a transformative workflow for healthcare systems:

1. **Scenario Design:** Clinicians or administrators input a text-based description of the desired environment or training module.
2. **Environment Generation:** The **generative AI** creates a fully interactive, immersive 3D world in minutes.
3. **Mentor Integration:** The **adaptive AI mentor** personalizes the interaction, dynamically adjusting to the user's profile and context.
4. **Instant Deployment:** The system deploys the solution across various platforms, from AR/VR headsets to mobile devices, ensuring accessibility and scalability.

This approach not only accelerates the creation and deployment of immersive content but also ensures that every experience is precisely aligned with clinical and patient needs.

6. Benefits/Outcomes

The adoption of the **AI-Native Children's Hospital** offers profound benefits spanning clinical, operational, and financial dimensions. By addressing critical gaps in pediatric care with **generative AI**, **adaptive AI mentors**, and a **sentient architecture**, healthcare systems can achieve measurable outcomes that transform the patient experience and optimize hospital efficiency.

1. Reduced Sedation Rates

One of the most significant impacts of the **AI-Native Children's Hospital** is its ability to lower sedation rates for pediatric imaging procedures. With **generative AI** creating child-friendly MRI suites and **adaptive AI mentors** coaching children through the experience, young patients can remain calm and cooperative without pharmacological intervention. This reduces the risks associated with sedation, including adverse events such as dizziness and agitation, which affect up to 64.4% of sedated children. By cutting sedation rates from 60% to 30%, hospitals can reclaim hundreds of hours of scanner time annually, translating to improved patient throughput and reduced costs.

2. Lower Readmission Rates

For medically complex pediatric patients, the transition from hospital to home is fraught with risks. Approximately 5–7% of pediatric patients are readmitted within 30 days, with 30–79%

of these readmissions deemed preventable. The **adaptive AI mentors** embedded in discharge education modules provide parents with interactive, step-by-step guidance on performing critical home care procedures, such as managing a tracheostomy or administering medication. These mentors ensure that families are better prepared, significantly reducing the likelihood of preventable readmissions.

3. Improved Patient and Family Satisfaction

The integration of **immersive technology** enhances the overall care experience for pediatric patients and their families. By replacing anxiety-inducing environments with calming, interactive **3D worlds**, children feel more at ease, and families gain confidence in their ability to manage care responsibilities. This shift not only improves satisfaction scores but also strengthens trust between families and healthcare providers.

4. Operational Efficiency Gains

The time and cost savings enabled by **generative AI** and **adaptive AI mentors** are transformative. Traditional development of immersive training modules required months of labor and significant financial investment, but **generative AI** reduces this to days at a fraction of the cost. Additionally, the ability to rapidly adapt content to new protocols or languages eliminates bottlenecks, ensuring that hospitals can stay agile in a fast-evolving healthcare landscape.

5. Standardized Care Across Systems

The **sentient architecture** ensures consistent care delivery across multiple facilities within a health system. By embedding clinical best practices into **adaptive AI mentors** and deploying standardized **3D environments**, hospitals can ensure that every patient and family receives the same high-quality care, regardless of location. This is particularly valuable for large systems aiming to unify care protocols and maintain quality benchmarks.

6. Revenue Potential Through Educational Module Licensing

The scalable nature of **generative AI** and **adaptive AI mentors** allows health systems to monetize their innovations. By licensing educational modules to other hospitals or healthcare providers, systems can generate additional revenue streams while contributing to broader improvements in pediatric care. Modules addressing common challenges—such as sedation-free imaging or complex discharge training—can find widespread adoption, creating both financial and reputational benefits.

The **AI-Native Children’s Hospital** represents a paradigm shift in pediatric care. By combining **generative AI**, **adaptive AI mentors**, and a **sentient architecture**, healthcare

systems can achieve outcomes that were previously unattainable: safer imaging procedures, better-prepared families, reduced resource strain, and enhanced patient satisfaction. This is not just the future of healthcare—it is a blueprint for redefining the standard of care.

7. Conclusion: Transforming Pediatric Care with the AI-Native Children’s Hospital

The concept of the **AI-Native Children’s Hospital** represents a paradigm shift in pediatric healthcare, redefining how health systems approach patient care, clinical training, and post-discharge safety. By integrating **Generative AI**, **Adaptive AI Mentors**, and **Spatial Computing** into every facet of the patient journey, this model addresses longstanding challenges with precision, scalability, and empathy. It is not just an incremental improvement; it is the foundation for a new standard of care that prioritizes better clinical outcomes, operational efficiency, and patient-centered experiences.

Meeting the Clinical and Operational Challenges

The **AI-Native Children’s Hospital** directly tackles critical pain points in pediatric healthcare, such as the widespread reliance on sedation for imaging procedures and the post-discharge safety gap. For instance, MRI procedures, while crucial for diagnosing conditions in children, often necessitate sedation for patients under six, creating clinical risks and financial burdens. With sedation rates as high as 66.2% in this age group and adverse events occurring in 64.4% of cases, the need for alternatives is clear. The **AI-Native Children’s Hospital** leverages **Generative Worlds** to create immersive, child-friendly environments that reduce stress and anxiety in young patients, significantly lowering the need for sedation.

Additionally, the post-discharge phase remains one of the most vulnerable points in the care continuum. The current standard of printed instructions and verbal guidance leaves parents of medically complex children underprepared for high-stakes scenarios at home, contributing to readmission rates of 5–7% and preventable adverse events in up to 20% of cases. By incorporating **Adaptive AI Mentors**, the **AI-Native Children’s Hospital** bridges this gap. These intelligent agents provide real-time guidance tailored to the child’s and caregiver’s unique needs, ensuring safer transitions from hospital to home.

The Economic Imperative

Beyond clinical improvements, the **AI-Native Children’s Hospital** delivers compelling operational and financial benefits. Reducing sedation rates, for example, can recapture significant amounts of scanner time. A typical sedated MRI consumes 2–4 hours of clinical resources, compared to 30–45 minutes for a non-sedated scan. For a hospital performing 750

MRIs monthly, lowering sedation rates from 60% to 30% translates into hundreds of hours of recaptured capacity annually, allowing more patients to be served and resources to be allocated more effectively.

Moreover, the use of **Generative Worlds** transforms the economics of immersive content creation. Traditional development models, relying on tools like Unity or Unreal, require 8–12 weeks and \$50,000 to \$150,000 per module. In contrast, **Generative AI** enables the rapid creation of interactive 3D environments from text prompts, reducing costs and development timelines by an order of magnitude. This immediacy allows health systems to adapt environments dynamically, aligning them with evolving clinical protocols and patient demographics.

Redefining the Pediatric Care Standard

The **AI-Native Children’s Hospital** is more than a technological innovation; it is a reimagining of pediatric care that places families, clinicians, and operational excellence at the center. Its **Sentient Architecture** ensures that patient touchpoints are not just visually immersive but also intelligent and responsive, adjusting to individual needs in real time. This approach transforms what was once a static and generic experience into one that is personalized, engaging, and clinically impactful.

For health systems, adopting this model is not just an opportunity but a necessity. The FDA’s 2019 safety communication on the long-term effects of anesthetic agents in children, coupled with rising costs and patient volume pressures, underscores the urgency of innovation. As **Generative AI** and **Spatial Computing** continue to evolve, early adopters of the **AI-Native Children’s Hospital** model will set the benchmark for pediatric care, gaining a competitive advantage in patient outcomes, operational efficiency, and reputational excellence.

A Call to Action

The time to act is now. The question is no longer whether AI belongs in pediatric healthcare but how quickly health systems can implement these transformative solutions. The **AI-Native Children’s Hospital** is not a distant vision; it is a practical, evidence-based framework ready for deployment. By prioritizing the adoption of **Generative Worlds**, **Adaptive AI Mentors**, and **Sentient Architecture**, healthcare leaders can address critical gaps in care, reduce costs, and improve the overall patient experience.

Health systems that embrace this model will not only redefine pediatric care but also lead the industry into a new era of AI-enabled healthcare. The opportunity to transform lives — from reducing sedation risks for young patients to empowering families with actionable, intelligent support at home — is within reach. It is time to build the future of pediatric care, one that is immersive, intelligent, and deeply human.

The **AI-Native Children's Hospital** is the bridge to that future. Will your health system take the lead?