

CareSpace®: The Al-Powered

Digital Health Platform

Executive Summary

Every minute spent wrestling with inefficient healthcare technology systems is a minute taken away from patient care - resulting in physician burnout, increased operational costs, and compromised quality of care. Healthcare providers today must manage multiple disconnected systems, leading to redundant data entry, communication gaps, and administrative overhead that directly impacts their ability to deliver optimal patient care.

CareSpace[®] delivers a Digital Health Platform built on this principle. Its architecture combines a unified data layer, extensive healthcare applications, and APIs that quickly assemble into personalized solutions. This approach enables healthcare organizations to build their own adaptable digital environment, scaling and evolving at their chosen pace. At its core, CareSpace[®] provides physicians and care teams with intuitive, AI-enhanced tools that

streamline their work rather than complicate it.

The combined impact of major disruptions, including COVID-19, increasing physician burnout, and rising administrative burdens has made this transformation urgent. Traditional healthcare IT systems, burdened by rigid architectures and siloed data, cannot effectively meet these evolving demands. Their limitations result in increased operational costs, reduced efficiency, and ultimately, compromised patient care delivery and outcomes.

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The Rise of Digital Health Platforms: A Path to Healthcare Transformation

The Healthcare Technology Challenge: Why Healthcare Systems Fall Short

Healthcare systems need more than just rapid response protocols for managing crises – they require intelligent technology that seamlessly connects patient data across all care settings. Physicians and administrators, already stretched thin, look to digital innovation for relief: Al-powered insights that enhance decision-making at the point of care, streamlined workflows that reduce burnout, and technology investments that deliver measurable value quickly.

Traditional healthcare IT systems, burdened by rigid architectures and siloed data, cannot effectively meet these evolving demands. Their limitations result in increased operational costs, reduced efficiency, and ultimately, compromised patient care delivery and outcomes.

In response to these challenges, digital health platforms have emerged as a transformative solution. These platforms represent a fundamental shift from conventional electronic health record systems that often create more complexity than convenience.

Persivia CareSpace®: A Future-Ready Digital Health Platform

Persivia CareSpace[®] is a comprehensive digital health platform built on over two decades of healthcare technology expertise. The platform provides an unparalleled digital health infrastructure that integrates seamlessly with existing systems while enabling organizations to implement innovative care delivery solutions. CareSpace[®] has the ability to enable hundreds of use cases, from population health to virtual care, EHR, analytics, AI models and more. The platform is highly modular, flexible and can enable any use case to address organizational needs.

Traditional Monolithic System

CareSpace® Modular Architecture

• Multiple disconnected healthcare system

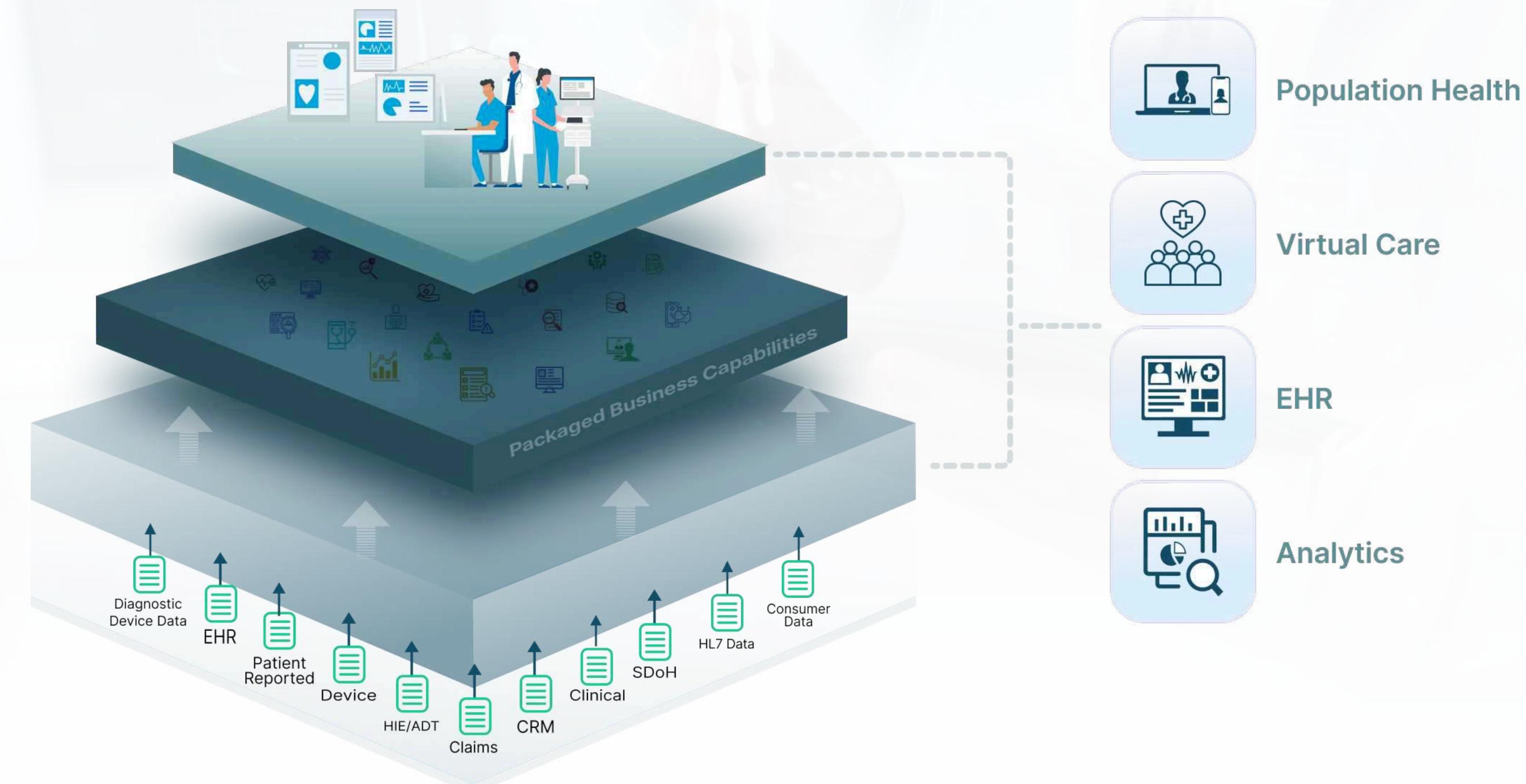
- Tightly coupled components
- Complex, time-consuming updates

• Proprietary data silos

- High migration costs
- Limited adaptation ability

- Flexible component selection
- Independent, interchangeable modules
- Rapid updates and deployment
- Seamless data integration
- Quick adaption to new needs
- Analytics and Insights

Persivia's Digital Health Platform



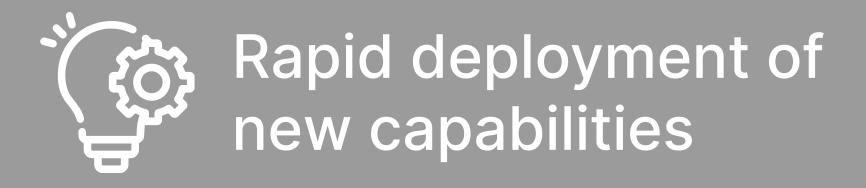


This Architectural Approach Delivers:











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Three Pillars of CareSpace® Digital Health Platform

CareSpace[®] addresses the industry challenges through a sophisticated three-layer architecture

that transforms how healthcare data is collected, processed, and utilized.

1. Integrated Data Fabric: The Foundation of a Digital Health Platform

At the core of CareSpace[®] lies a powerful integrated data fabric that transforms how healthcare organizations handle their data. This foundation layer addresses one of healthcare's most persistent challenges: the fragmentation of patient information across multiple systems and formats. Our platform ingests data from diverse source including EHRs, EMRs, claims systems, HIEs, HL7 data, SDOH, patientreported data, and various clinical systems, each with their own formats and standards.

The data integration process involves sophisticated curation using artificial intelligence, natural language processing, and semantic normalization techniques. CareSpace® does more than simply store medical data

- it transforms it into actionable intelligence. The platform first cleans and standardizes patient information using Enterprise Master Patient Index (eMPI) to ensure each patient is correctly identified across all records. It then converts varied medical terminology into consistent, standardized language that all healthcare providers can understand. Through this intelligent process, the data becomes more valuable and reliable, giving healthcare providers the accurate information they need to make informed decisions.

This curated data is stored in our cloud-agnostic data lake house architecture, making it accessible for all business capabilities while maintaining security and compliance. CareSpace[®] creates comprehensive metadata catalogs that helps healthcare organizations and utilize their data assets effectively. The result is a true longitudinal patient record that provides a complete, real-time view of each patient's health journey.

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