



CONNECTED HEALTH & WELLNESS

Radius brings a patient-centered approach to the development of strategies, products, and platforms.



The current healthcare model in America is not sustainable. There is a damaging spiral of rising costs, lower standards of care, poor patient experience, increases in adverse events, and diminished patient outcomes. Compared to other countries, America's healthcare costs are one-third or more higher relative to the size of the economy⁽¹⁾.



According to the CDC, health expenditures per-person were nearly \$10,000 on average, with total expenditures of \$3.2 trillion or 17.8% GDP⁽²⁾. Reasons for the differences include higher prices for services and increased use of healthcare, larger administrative costs, greater per-capita income, and less government intervention to drive down prices⁽³⁾.

Emerging Trends & Opportunities

Among the many forces transforming the healthcare industry, the most dramatic may be in the shift to value-based reimbursement models. This model is driving healthcare enterprises to embrace a more patient-centric mindset as a competitive necessity. However, the benefits and implications stretch far beyond the consumer and are driving momentum in solutions that improve efficacy through the leveraging of connectedness, data, and analytics. Innovation will accelerate as machine learning and artificial intelligence improve the quality, relevance, and speed of these analytics.

Set against this is a growing culture of wellness formed across a broad range of demographics. People are becoming more engaged and proactive in their

approach to wellness and increasingly comfortable with sensors and data collection devices in their everyday lives. This consumer acceptance is enabling growth across many product categories, notably in the emergence of Digital Therapeutics (DTx). Connected solutions in DTx are delivering value in augmenting, and even replacing, medical treatments in the management of chronic conditions.

Radius focuses on the entire stakeholder ecosystem to ensure that solutions benefit the patient, caregivers and clinicians, while taking into account the needs of providers, suppliers, payers, and policymakers.

Meaningful innovation in healthcare can only be realized through deep understanding and empathy for the user of the product or system. Patient needs, desires, and pain points must be surfaced and thoughtfully considered in the design process. However, realizing the full potential in connected healthcare solutions also requires effectively balancing the diverse needs, priorities, and business concerns of the network of stakeholders in the healthcare ecosystem.

Connected ecosystems, big data, and analytics will transform healthcare in the coming years, enabling new dimensions of functionality and convenience.




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The ability to integrate, synthesize, and share complex health information can lead to enhanced coordination of care, resulting in better health outcomes and lower costs. But the benefits of this connectedness come with deep, inherent challenges in the design of effective data systems. Interoperability, privacy, and data security remain core challenges in the creation of effective product and platform solutions.

How Radius Can Help

Our Radius team brings a unique ability to study the entire patient care continuum including preventive health and wellness, diagnostics, devices, therapies, post-treatment processes, chronic disease management, and the systems for patient interaction and education. Our approach focuses on the entire stakeholder ecosystem to create solutions that benefit the patient, caregivers, and clinicians, while taking into account the needs of providers, suppliers, payers, and policymakers.

- Radius is a global innovation and product development firm with over 20 years of success designing thousands of products for hundreds of clients, large and small.
- With deep, integrated manufacturing experience and capabilities, our scalable resources support the needs of all clients from startups to global Fortune 100 companies.
- Our model is purposefully designed to bridge and accelerate the right ideas to market while reducing go-to-market risk and maximizing return on investment.

- We hold powerful human factors, healthcare design, and development legacy, bringing products to market in regulatory environments successfully many times over.
- With Low Volume Build & Manufacturing expertise, Radius offers a full spectrum of prototype to production, distribution, fulfillment, service, and repair services under one roof to augment go-to-market expertise and delivery capabilities.



Past Connected Health & Wellness Projects

- Radius supported ONVI, a Chicago-based startup, in revolutionizing the oral care market by connecting consumers to their tooth brushing experiences and their dentists through an engaging physical and digital ecosystem. Our team brought their dental technology vision to life from proof of concept through to the final product, Prophix.
- Radius, with the seamless collaboration of Nypro Healthcare and Jabil, helped Recovery Force unlock the potential of its therapeutic performance apparel. By leveraging market and end user insights, our team integrated the medical device company's Nitinol compression technology into a wearable product that delivers optimum comfort, durability, and convenience.

About Radius Innovation & Development

Radius is a global innovation and product development consultancy firm. It is integrated into one of the largest, most technologically advanced manufacturing solution providers—Jabil.

Jabil (NYSE:JBL) works with the world's biggest and best-known brands and technology startups, providing comprehensive design, manufacturing, supply chain, and product management services. Operating from over 100 facilities in 29 countries, Jabil delivers innovative, integrated, and tailored solutions to customers across a broad range of industries. For more information, visit Jabil.com.



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