

# Cybage Transformed a Geriatric Care Legacy Platform Into a Modern Telehealth Solution



## About the Client:

20+ years experience as a full-time in-home care provider for seniors and disabled in the US

Committed to **transform geriatric care** delivery



Supports **3000+** medicaid members (care recipients) across 6 states

**Flagship product engineered** by in-house technology team

## Business Needs:



**Modernize legacy platform** to support telehealth and remote patient care functionality



**Improve care coordination** across various entities involved



**Improve user adoption** and patient satisfaction rates



**Improve response** to business needs by quickly rolling out new features



**Improve data quality** to enable future analytics/research initiatives



**Eliminate or significantly reduce** technical debt

## Solutions:

**Developed Cloud (AWS)** native multi-tenant SaaS-based telehealth and home care management solution

**Incorporated advanced features** such as customized care plan, care alerts, and shared document review

**Designed an intuitive UX** with strong focus towards caregiver and patient empathy

**Built syntactic and semantic interop** with HL7 2.x, SNOMED-CT

Built robust **synchronous and asynchronous telehealth** systems

**Re-architected and re-engineered** platform enabling component reuse

**Revamped** test suite and QA automation framework



## Technology Stack:

Languages and Framework



Databases



Cloud Platform



Middleware & Standards



Development Tools



## Business Impact:

**50+** successful client rollouts

**99.99%** system availability within performance parameters

**2x** improvement in time to market

**80%** reduction in production bug leakage



## Cybage Healthcare and Life Sciences



Digital Health



Healthcare Interoperability



Revenue Cycle & Administration



Healthcare Data Engineering



Life Sciences

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