



Medical Coding Services

AI-Augmented Precision. Scalable Performance. Revenue Impact.

Overview

Innova delivers AI-augmented medical coding services that improve accuracy, reduce denials, and accelerate revenue—while ensuring clinical integrity and regulatory compliance. Our human-in-the-loop model blends advanced automation, deep specialty expertise, and robust governance to deliver consistent, enterprise-grade coding performance at scale.

Industry Challenges



Increasing coding complexity

driven by evolving ICD-10-CM, CPT, PCS, CMS and payer Specific rules, and specialty-specific guidelines



Persistent documentation gaps

leading to denials, rework, DNFB growth, Delayed Payment, and compliance risk



Ongoing coder shortages,

productivity pressure, Meeting TAT and difficulty maintaining consistent quality at scale

Our Approach



AI-augmented, human-in-the-loop coding model

Improve speed, accuracy, and compliance without sacrificing accountability



Robust quality governance framework

Continuous Feedback, training Session in place, internal & external audits conducted regularly



Deep specialty coverage and scalable delivery model

With certified coders mapped by service line and client requirements



Technology-enabled workflows

Integrating audit, production, and denial-prevention tools with EHRs and payer systems



AI driven coder scaling program for rapid deployment

Technology augmented coder recruiting, screening and interviewing capabilities

Expected Outcomes



Reduced coding rework and rebills through **structured quality governance** and continuous feedback loops



Industry leading coding accuracy, validated through internal quality programs and third-party audits



Consistent SLA attainment using a productivity-driven delivery model with guaranteed output



Coverage across **all major medical specialties**, including inpatient, outpatient, pro-fee, ancillary, and HCC coding



Lower coding-related denial risk enabled by proactive audits and **denial-prevention workflows**



Faster coding turnaround times supporting **DNFB reduction** and accelerated billing



Improved compliance and audit readiness with transparent audit trails and real-time reporting

AI-Assisted Coding with Human-in-the-Loop

AI-Driven Automation

- Automates chart sampling and documentation reviews within the **audit tool**.
- Accelerates coding throughput and reduces manual effort within the **production tool**.
- Predicts potential denials within the **denial-management tool**, enabling proactive corrections.



Generative AI Tools

- Our **coding chatbot** suggests the most appropriate ICD codes, answers coding queries, and interprets coding guidelines.
- Generates context-aware recommendations that improve documentation quality and coding accuracy.
- Proactively guides coders throughout the workflow to minimize rework.



Cloud Strategy and Platform Engineering

- Runs audit, production, and denial-management tools on **scalable cloud environments** with centralized data repositories.
- Enables advanced analytics, quality dashboards, and real-time monitoring for coding accuracy and performance.



Interoperability Solutions

- Integrates with EHRs, HIEs, and payer systems to enable seamless clinical and financial data exchange for coding and denial prevention.
- Leverages **standardized APIs** to orchestrate interoperability across audit, production, denial-management tools, and the coding chatbot.
- Breaks down data silos, improves coding accuracy, and enhances interdisciplinary collaboration.

Unmatched Expertise

45 Provider customers in North America

2.2M Charts Coded Per Year

95%+ Coding Accuracy Rate

500+ Certified Coding Professionals

250+ AAPC and AHIMA Credentialed Experts

Average **8+** Years of Professional Experience



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About Innova Solutions

Innova Solutions is a global technology and talent partner specializing in transformative digital solutions. Founded in 1998, we empower client success through bold innovation, exceptional talent, and unwavering partnership - helping organizations modernize, scale, and deliver measurable technology outcomes. With the launch of AIFICIENT™, our enterprise AI offering, we embed intelligence across the full technology delivery lifecycle and close the AI outcome gap by turning ambition into measurable results. Combined with our deep talent communities across digital and AI product engineering, digital assurance, data engineering, cloud, and enterprise applications, AIFICIENT delivers meaningful impact at scale. Together, these capabilities enable our clients across industries to operate smarter and move faster in an AI-driven world.

To learn more about us, visit www.innovasolutions.com.

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