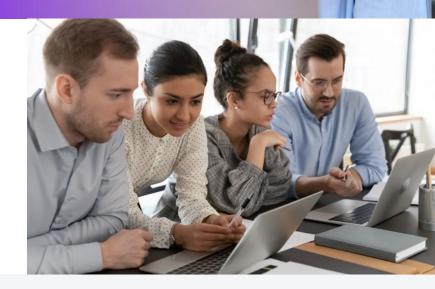


SUCCESS STORY HEALTHCARE

AN EMS FIRM ACCELERATES CODING & PROCESSING TIME BY 4X

Apexon uses AI to automate and simplify claim generation



Healthcare reform in the United States has led to burgeoning growth in ambulance and emergency medical services. However, the increase in business has also resulted in a need for stricter compliance protocols, especially within billing and claims.

For the EMS firm's Coding Solution Project, Apexon was called in to deliver a low-cost billing solution that simplified the claims processing procedure, while maintaining compliance with existing medical codification at the federal level.

THE RESULTS

KEY OUTCOMES

Using Open Source R to create a statistical computing solution, Apexon was able to deliver a number of benefits to the client. These included:



75% AUTOMATION WITHIN BILLING & CLAIMS PROCESSING



HIGH CLAIMS
PROCESSING
ACCURACY - OVER
95% OF CLAIMS
PROCESSED
CORRECTLY



4X FASTER
PROCESSING TIMES
& A SIGNIFICANT
REDUCTION IN
THE NUMBER
OF DENIALS



REDUCED
ADMINISTRATIVE
COSTS FOR THE
ENTIRE BILLING &
CLAIMS PROCESS

THE CHALLENGE

3 KEY AREAS

While processing 5,000 ambulance trips on a daily basis, the client found it difficult to:



Processing Claims

Process a high volume of claims quickly, accurately, and at low-cost



Capture Patient Care Reports

Develop a standardized format to capture patient care reports



Standardizing Format

Develop a standardized format to capture patient care reports

THE SOLUTION

3 KEY AREAS

Apexon's EMS Coding Solution simplifies the medical coding process by determining the appropriate service codes using a machine algorithm, reducing errors that are introduced during traditional manual processing. Run on an AWS application server, this system allows us to:



Automate Claims Generation & Processing

Use machine learning and advanced NLP to automate claims generation and processing



Processing Ambulatory Care Coding

Process all four aspects of ambulatory care coding -Medical Necessity, Priority, Level of Service, and ICD10 coding - with greater accuracy and over shorter time frames



Delivering Client Access

Deliver client access to the solution via an API-enabled, encrypted web application, that meets HIPAA compliance protocols



















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