

RAPID

ADJUSTING RISK WITH AI

Delivering Accurate, Compliant and Efficient
AI-Powered Risk Adjustment Technology



CUSTOMER CENTRIC



SECURE



CUTTING EDGE



FLEXIBLE



EMPATHETIC

INDUSTRYS' CHALLENGE



80%

of patient data is unstructured

1.2B

New unstructured clinical doc /year

- ▶ Unstructured text growing **exponentially**
- ▶ Difficult to **understand**
- ▶ Valuable information is **trapped**
- ▶ Difficult to **capture** accurate Patient Risk

CUSTOMERS' CHALLENGE

- ▶ Low Productivity of coders
- ▶ Inaccurate Codes
- ▶ Unoptimized Risk Adj. Reimbursement
- ▶ Stringent Penalties & Audits



HOW CAN WE HELP ?

OUR SOLUTION

CLINICAL NLP

Convert Unstructured clinical text to structured information and map it with ICD 10 CM/HCC Codes



END TO END WORKFLOW

Last Mile application that creates longitudinal patient records and captures accurate risk scores

CUSTOMER WINS

Accurate capture of HCC codes and risk scores from unstructured data, creation of longitudinal patient record and optimized reimbursement

WORLD'S FIRST PERSONALISED AI ASSISTANT FOR RISK CAPTURE

OUR SOLUTION

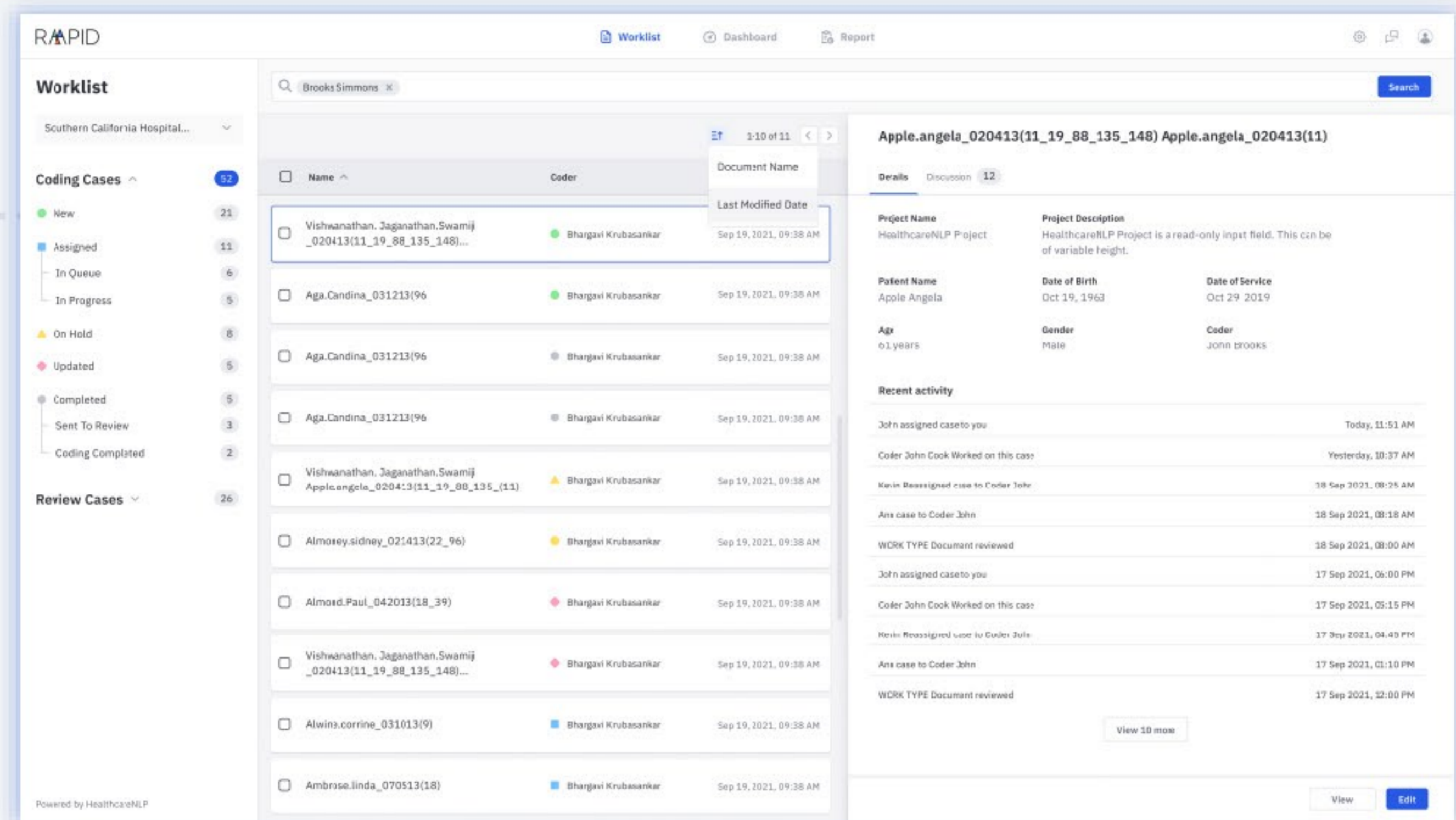
- ▶ Leverages powerful NLP technology
- ▶ Unlocks the power of unstructured data and captures accurate patients' risk
- ▶ Makes Risk Adjustment coding more productive, accurate and efficient



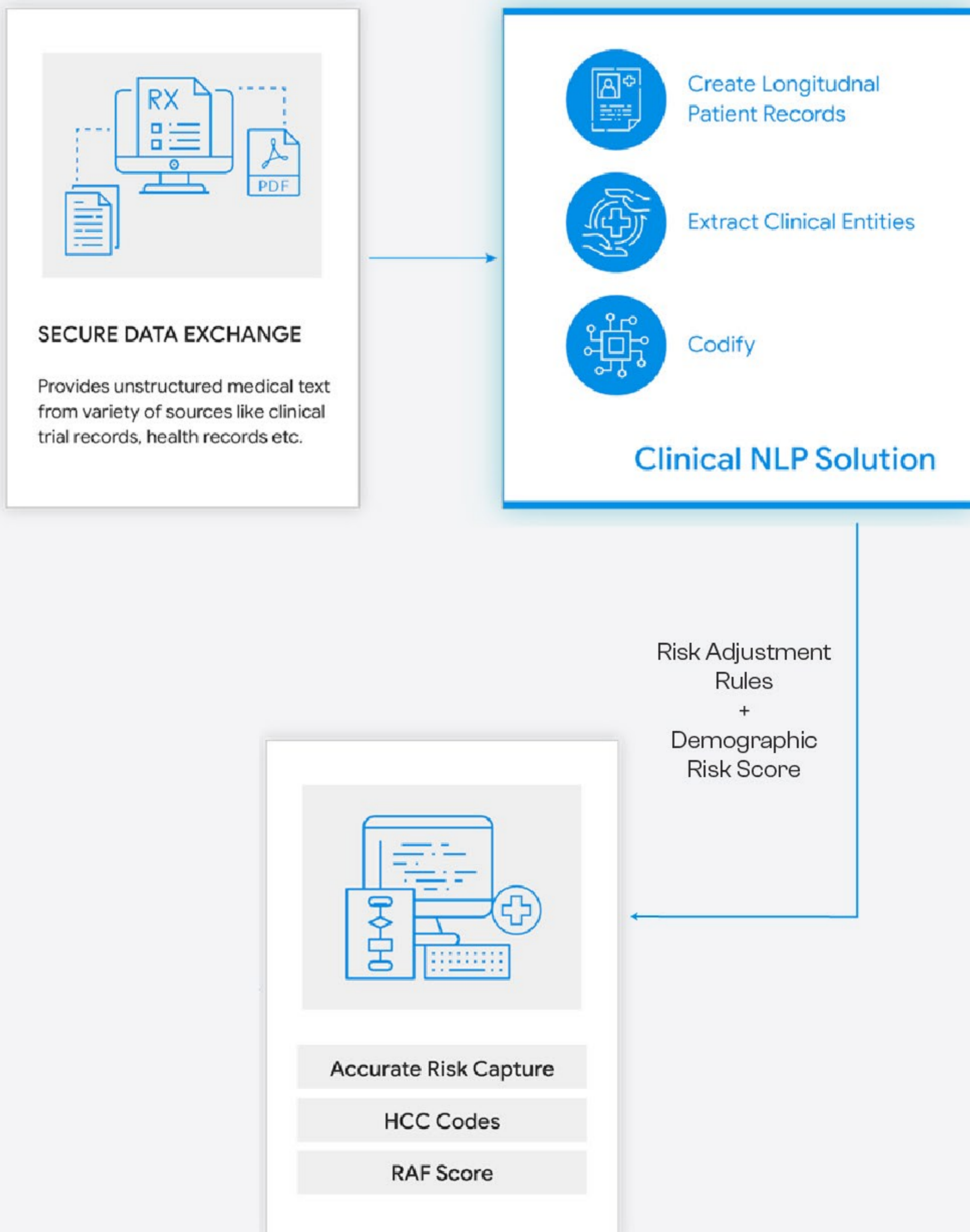
KEY FEATURES



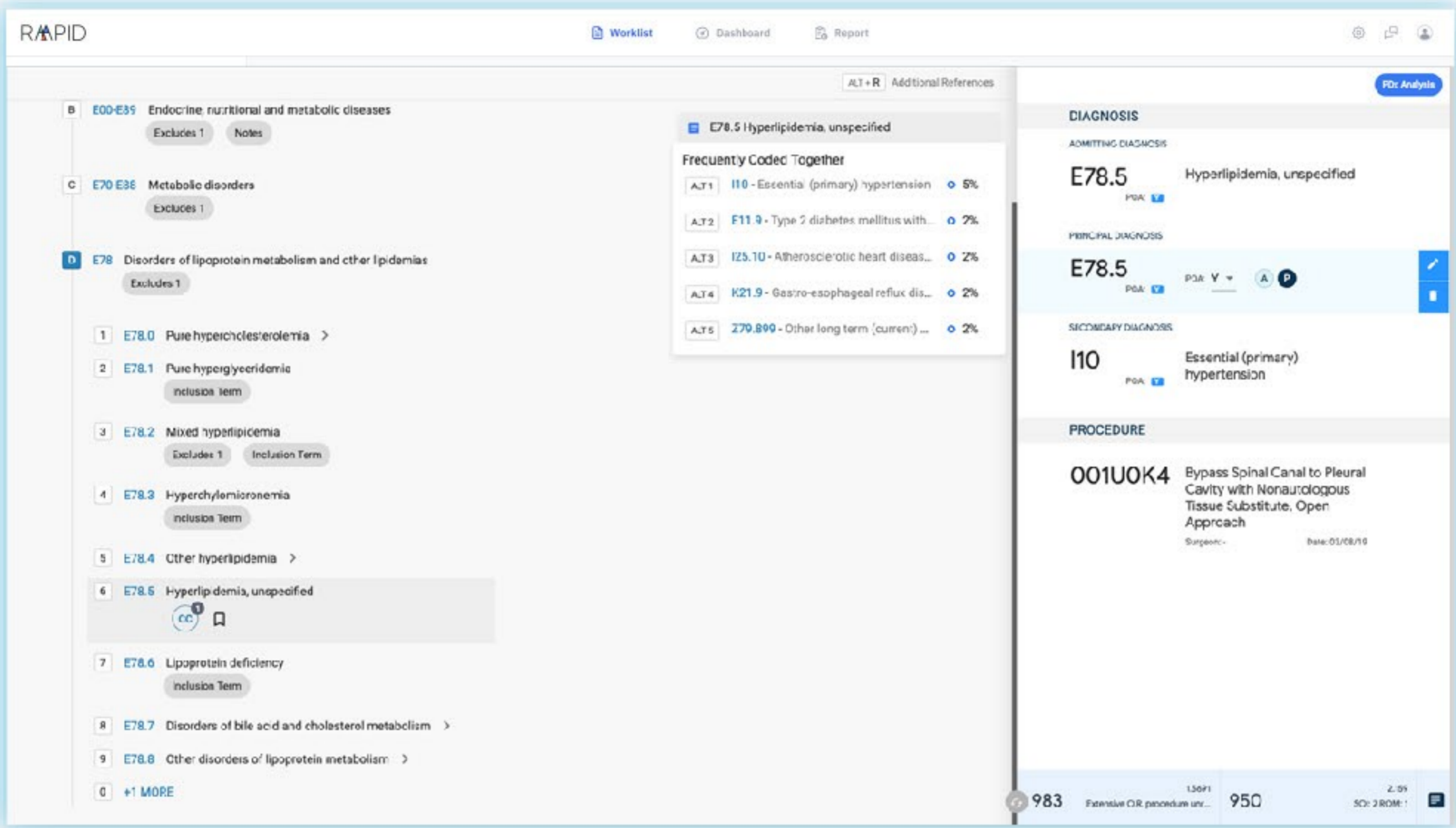
AUTO CODE/CHART REVIEW



ARCHITECTURE FLOW



INTEGRATED CODE BOOKS & ENCODER



RAAPID'S IMPACT ON KEY PERFORMANCE INDICATORS

↑ 40% - 50%
Coding productivity

↓ 30% - 50%
Reduced AR Days

↑ 3% - 8%
Optimized Reimbursement

↓ 20% - 30%
Reduced Denials

↑ 20% - 30%
Increased Risk Score Capture

↓ 85% - 95%
Time to manage daily census

↑ 8-10X
ROI

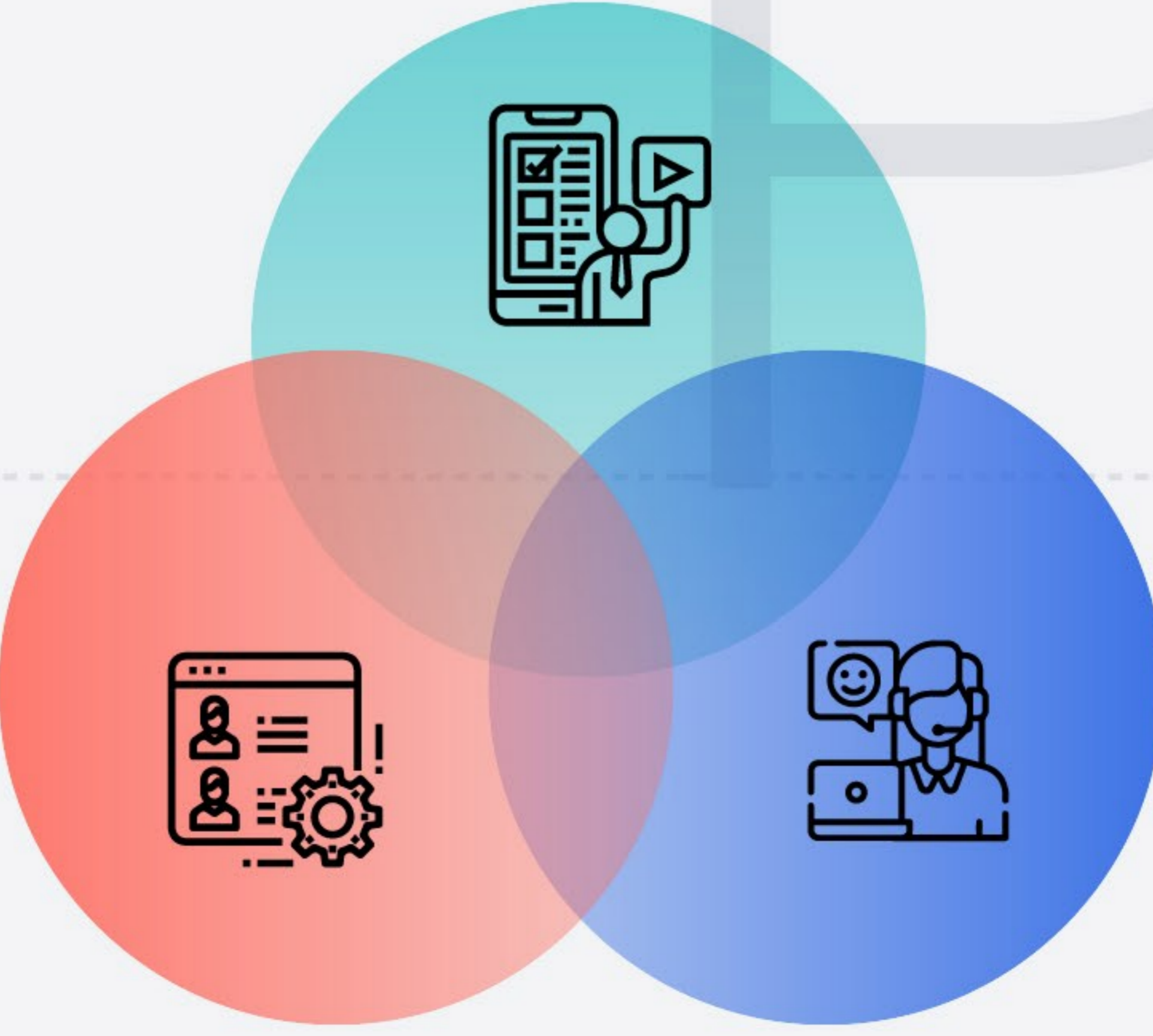
↓ 70% - 90%
Time spent on reporting

OUR PROMISE

CUSTOMIZATION

REAL TIME REPORTING

CUSTOMER SUPPORT



HOW DOES OUR TECHNOLOGY WORK

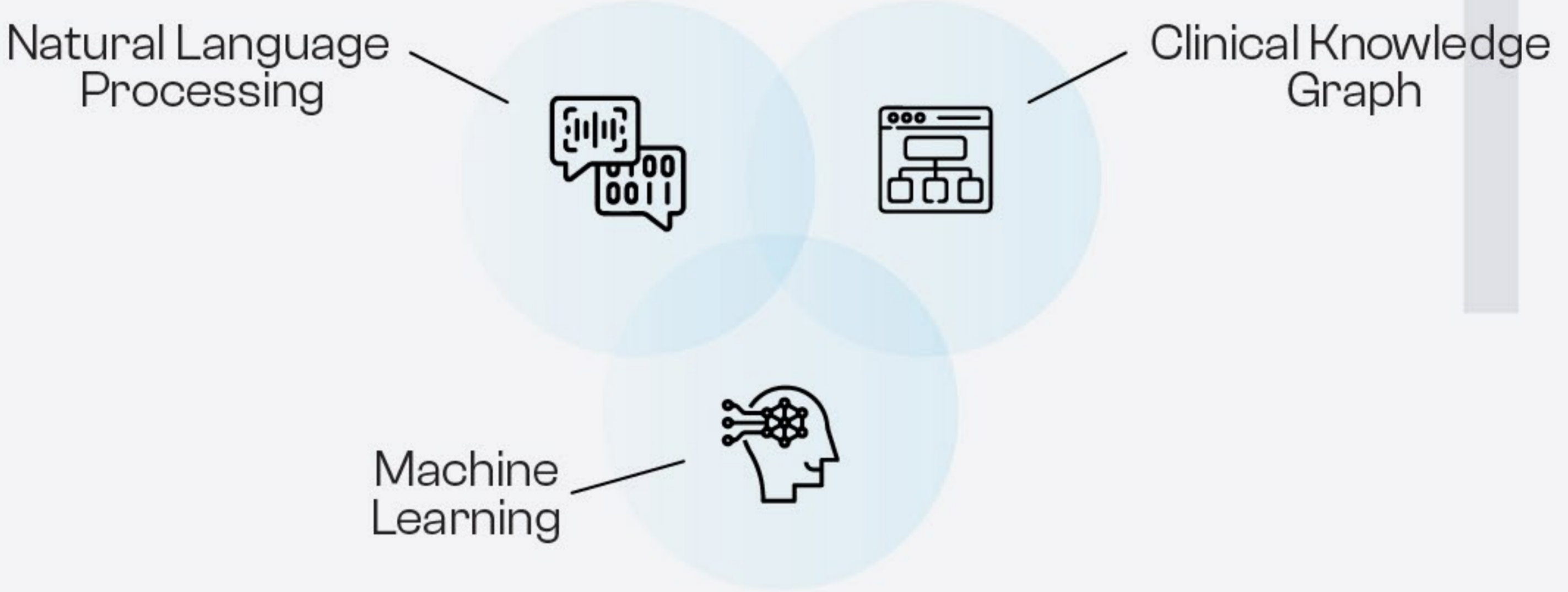
UNSTRUCTURED & STRUCTURED DATA



OCR (OPTICAL CHARACTER RECOGNITION) EXTRACTIONS



NLP PLATFORM



EXTRACTED ENTITIES



CUSTOM ONTOLOGIES/RULES



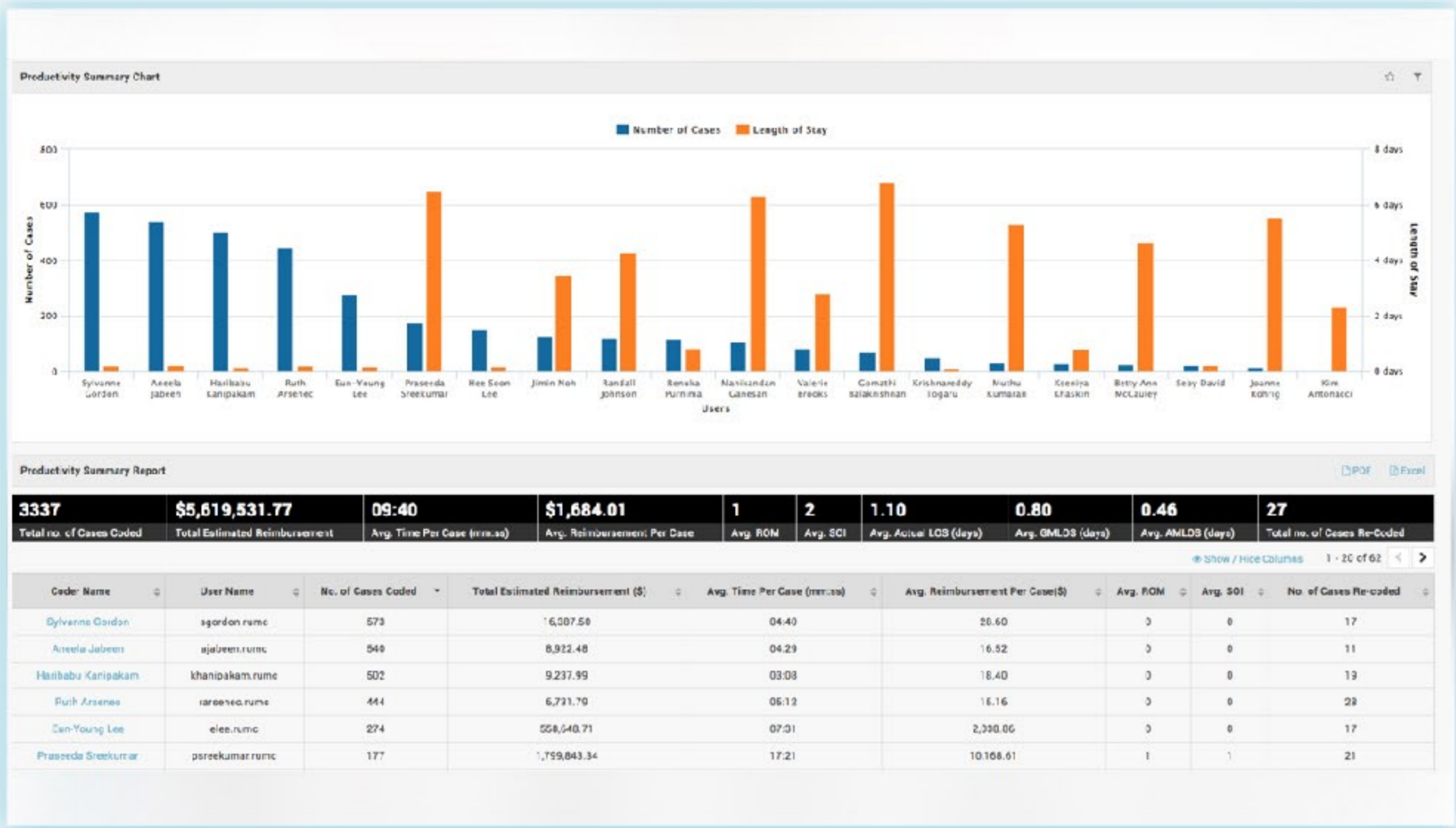
VALIDATION OF CODE - SUGGESTED CODE / ACCEPTED / REJECT



RISK SCORE CALCULATED



ANALYTICS - PERFORMANCE TRACKING



AUTO CODE SUGGESTION

Patient: Mary Miller, ACT# 110000625, MRN 110026

Discharge Disposition: 01 Discharged to home or self care (routine discharge)

Diagnoses:

- 14 I11.0 Hypertensive heart disease with heart failure
- 15 I11.9 Hypertensive heart disease without heart failure

Procedures:

- 1 0J11636Z Medical and Surgical @ Subcutaneous Tissue and Fascia @ Insertion @ Subcutaneous Tissue and Fascia, Chest @ Percutaneous @ Pacemaker, Dual Chamber @ No Qualifier

Procedure Description: Date: 11/19/2015. a pocket was formed for the pulse generator. DUAL CHAMBER PACEMAKER.

Evidences: PROCEDURE PERFORMED... RESPONSIVE PERMANENT DUA...

Grouping: DRG : 259, \$21,125.91 | DRG : 201, \$648.90

AVAILABLE AS



SaaS Application



API

ABOUT US

There was a time when “risk” used to be an interdiction among business leaders – something to be totally circumvented. But risks are a necessary part of moving the business forward. Playing it safe might bring people temporary success and happiness but it can be insignificant in the long run. The whole cognition for risk is to innovate faster, and one needs to experience failure to do it, but in a way that leads to new understanding to measure opportunity with the same yardstick that measures the risk involved.

Healthcare is hard. And, when it comes to HCC Risk Adjustment, obstacles like inefficiencies & inaccuracies often crop up. And not to mention the failed audit reports and other legal implications relating to repaying the Centers for Medicare and Medicaid Services (CMS). This is just the tip of the ice-berg.

We call it the “Risk Taking believe”, as we combine the latest advancements in Machine learning, AI, Natural language processing, data science, and data engineering with deep clinical and biomedical expertise to build the tools that allow health systems, become fast, effective and error free. We are young, fast growing AI Company in healthcare, based out of Kentucky and Gujarat – India. We believe, Healthcare doesn't stop at 5 o'clock. Neither do us. We know this, because it has been close to a decade now.

RAAPID helps organizations ace reimbursement calculations and risk adjustment scores. Our patented technology has been trained across millions of real clinical charts and delivers accurate outcomes. This AI powered Risk Adjustment Software ensures you don't miss out on HCC codes or RAF scoring opportunities



KEY BENEFITS

One streamlined workflow

Consolidates all essential data points and clinical narratives into a managed workflow to eliminate manual workflows.



Improved Productivity

with a fully automated AI driven workflow, get rid of long hold times, inaccurate information, sticky notes/excel, and communication errors with involved parties.



Better Accuracy

Leverage the power of State of the art AI/NLP to see outcomes with an accuracy of greater than 95%. We build custom logic and fine tune our models as per your requirements.



White glove compliance

With more than 16 years of healthcare experience, our product meets the stringent industry specific security requirements We are 100% HIPAA compliant.



WHY RAAPID?



Augmented by Deep KG

Deep Knowledge Graphs enables RAAPID's NLP to make additional inferences, delivers greater than 90% accuracy



Seamless Interoperability

Built on API- first principles, compatible with all standards such as HL7, FHIR, JSON & more



Built on Real Clinical Data

Developed our NLP models on Millions of + "REAL" clinical data sets. Used since 2015, we process 2M+ medical records /day.



Deep AI/ML Expertise

17+ Years of Rich Healthcare experience



Native-Cloud

The Architecture is built for modern healthcare, No onsite servers, real time updates, robust security



Scalable NLP

Extracts clinical entities from hundreds of millions of patient documents and images, at a scale due to cloud infrastructure



Customer Obsession

Customer success is in our DNA - C-Suite driven and mandated. NPS Score of 95%+



Agility

Nimble team & size enables us to stay very close to customers, handhold them at every step with faster resolution & support

QR CODE

Sign in for Product Demo

WORLD'S FIRST PERSONALISED AI ASSISTANT FOR RISK CAPTURE



RAAPID

ADJUSTING RISK WITH AI

Reimagining risk adjustment for healthcare, insurance and technology businesses, RAAPID has been built to suit the prospective and retrospective risk adjustment needs of your organization. It is the transition your organization requires when it comes to Risk Adjustment

Choose the full-fledged SaaS solution for your business if you want to completely transform the way you do risk adjustment. Or, our HCC API solutions into your existing software systems to enjoy extra features and functionalities.

Our mission is to help you identify missed diagnoses and help you accurately report HCCs in RAF fillings. Our HCC risk adjustment software helps you uncover every medical record, codes it with precision and delivers unmatched analytics & insights. No more room for uncertainty in healthcare risk adjustment.

RAAPID uses some of the world's most sophisticated and advanced natural language processing technology. It has been tried and tested on millions of clinical data sets to ensure utmost accuracy. Our SaaS product and APIs have been built to work in advanced healthcare environments. Get in touch with our experts to learn more about our solutions and how RAAPID can work wonders for your organization.

INDIA

B-605, Wall street-2, Opp. Orient club,
Ahmedabad, Gujarat - 380006

USA

12806 Townepark Way, Louisville, Kentucky 40243



www.raapid.ai

QR CODE