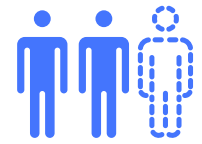


# Less Paperwork, More Care

AI Puts Patients Back at the Center

# 1 Why AI Matters Now

The global health care system is under pressure.



The World Health Organization projects a shortage of 10 million health workers by 2030.



Demand is rising due to aging populations and chronic conditions.



At the same time, providers spend 1.77 hours per day on documentation alone.

Every hour doctors spend on forms is an hour they're not spending with a patient. In many hospitals, clinical staff now spend more time on documentation than direct care.





## 2 AI at the Front Lines of Care

Two fronts, one goal: putting patients back at the center.

### REDUCING ADMINISTRATIVE BURDEN

#### → **Automated Clinical Documentation**

AI tools use NLP to listen during doctor-patient conversations and automatically generate clinical notes, increasing face time with patients.

#### → **AI-Powered Billing & Claims**

AI “virtual workers” handle millions of billing tasks, improving speed and accuracy across revenue cycles.

#### → **Predictive Scheduling**

AI models trained on historical patient volumes and staffing trends now automate shift planning, helping nurse managers respond faster to demands without manual spreadsheets.

#### → **Smart Patient Communication**

Hospitals use AI chatbots to send personalized reminders and results pulled directly from EHRs, reducing call center load.

### ENHANCING CLINICAL ATTENTION

#### → **Faster Emergency Triage**

Models combine real-time speech analysis and historical call data to assess urgency more accurately.

#### → **Early Disease Detection**

AI models scan massive datasets to spot risk factors for chronic conditions before symptoms show, enabling preventive care.

#### → **Smarter Medical Imaging**

Uses deep learning on radiology images to detect signs of disease with high precision—often matching or exceeding radiologist accuracy while reducing false positives.

#### → **Faster Drug Discovery**

Pharma companies use reinforcement learning to simulate millions of chemical reactions, reducing trial and error.

# 3 The Challenges That Still Need Attention



## Data Readiness

Health data is often fragmented across EHRs, paper files, billing platforms, and more.



## Legacy Systems

AI tools must integrate with core platforms. Poor compatibility can disrupt workflows and delay adoption.



## Privacy & Consent

Sensitive patient data demands strict controls, and adoption depends on compliance and transparency.



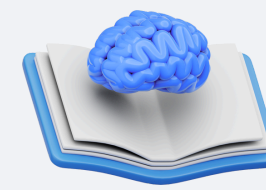
## IT Talent Shortage

Hospitals and clinics need specialists who can build, integrate, and maintain these systems.



## Bias & Validation

If training data lacks diversity, AI can produce biased or unsafe outputs.



## Staff Adoption

Without support and training, even the best tools go unused.

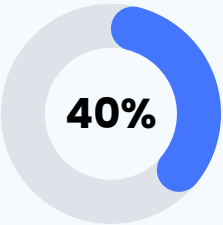
# 4 Our Expertise

At Inclusion Cloud, we've been working with global pharma and health care leaders to build the tech foundation needed to scale innovation.

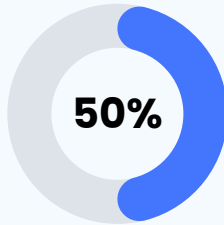
Here's a glimpse of what we've delivered:



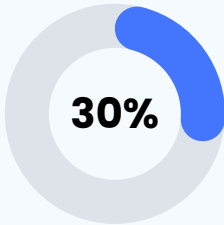
Assembled agile dev & QA teams to fast-track delivery of mission-critical apps.



Faster delivery



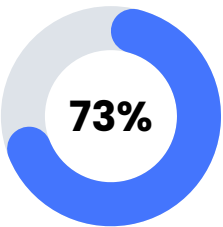
Cost saving



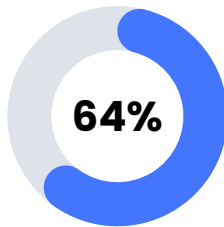
Fewer app errors



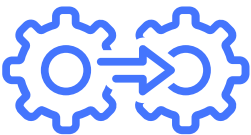
Automated invoice processing across 8 countries with Opentext VIM.



Productivity



On-time payments



Standardization & ERP integration



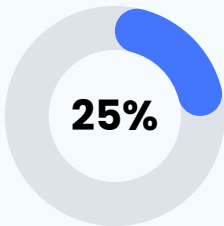
Implemented an SAP credit invoice solution to streamline operations.



Improved efficiency



Reduced mismatches



Faster provider payments

# 5 From Shortages to Human-Centered Care

Hospitals across the U.S. are under pressure. By 2026, the health care workforce could face a shortfall of 3.2 million professionals, while the need for care keeps climbing.

AI won't replace the clinical workforce. But it can change what their day looks like.

From automating billing and documentation to optimizing schedules and triaging patient data, AI is already reclaiming valuable time for doctors and nurses.

And on the clinical side, we're starting to see real impact. In radiology, for instance, AI models are matching or even surpassing human accuracy in early (and proactive) disease detection.

Whether it's behind the scenes or at the bedside, the outcome is the same: more time for care, less time lost to friction.

But making this shift work takes more than just tools. It requires the right data, clean integrations, and the tech talent to support your journey from pilot to production.

**If that's something you're exploring,  
we'd love to help.**



**BOOK A DISCOVERY CALL**  
**WITH OUR TEAM.**