ABBYY®

ABBYY® Timeline
Virtual Control Center for Emergency Departments

The continued uncertainty and risk that the healthcare industry is facing is motivating health-care organizations to boost their efficiency across functional departments, including the ED. New intelligence and analysis capabilities are available today to assist providers in improving care, increasing efficiency, and reducing costs. These types of innovative technologies are reshaping the way providers deliver quality care to patients. Process Intelligence has the opportunity to change the way providers analyze and improve operations across departments.

Challenge

The Emergency Department's role in hospitals has been increasing every year and currently contributes to nearly 70% of hospital admissions. With an influx in admissions, the hospital is pushed to constantly improve the speed and quality of care as demands and expectations increase. Without the right tools, the shift in admission trends has left many hospital's EDs in a state of disarray, as administrators seek solutions for avoiding improper staffing, an overflowing wait room, and abnormalities in protocols.

Automatic, Continuous, Real-time, Data-driven Decisions at Enterprise Scale

The ABBYY Timeline Process Intelligence platform provides real-time optimization of hospital operations. It continuously discovers inefficiencies, analyzes workflow, monitors processes and performance, and predicts future trends. ABBYY Timeline technology gives healthcare leaders the resources to literally see their next steps in the palm of their hands and receive alerts of issues as they happen. This results in decreased costs through improved efficiency, and a better patient experience with improved quality of care.

How It Works

ABBYY Timeline is a cloud-based platform that delivers continuous operational insight to healthcare providers. Traditional business intelligence tools simply do not offer the necessary in-depth visualization and analysis of ad-hoc business processes. Utilizing our patent-pending approach, Timeline intuitively maps out your full process end-to-end, even when your data is stored in different systems. Within seconds of loading, you can dig through and filter your data to visualize where inefficiencies, repeated steps, bottlenecks and any other issues within your processes may be occurring.

Fast insights.
Low effort.
No risk.

- **Fast Insights:** See your processes like never before with sub-second response time.

- **Low Effort:** Get full support and guidance during your implementation/onboarding.

- **No Risk:** Try ABBYY Timeline for free!

Get Ahead of the Issues with ABBYY Timeline

Increase Efficiency

- Improve patient retention
- Reduce over-admittance
- Accelerate lab request turnaround
- Predict staffing allocation
- Follow process flows
- Increase patient satisfaction

Predict Surges

- Predict bed availability
- Queue warnings for delayed processes
- Reduce rooming delays

Reduce Wait Time

- Reduce patient wait times
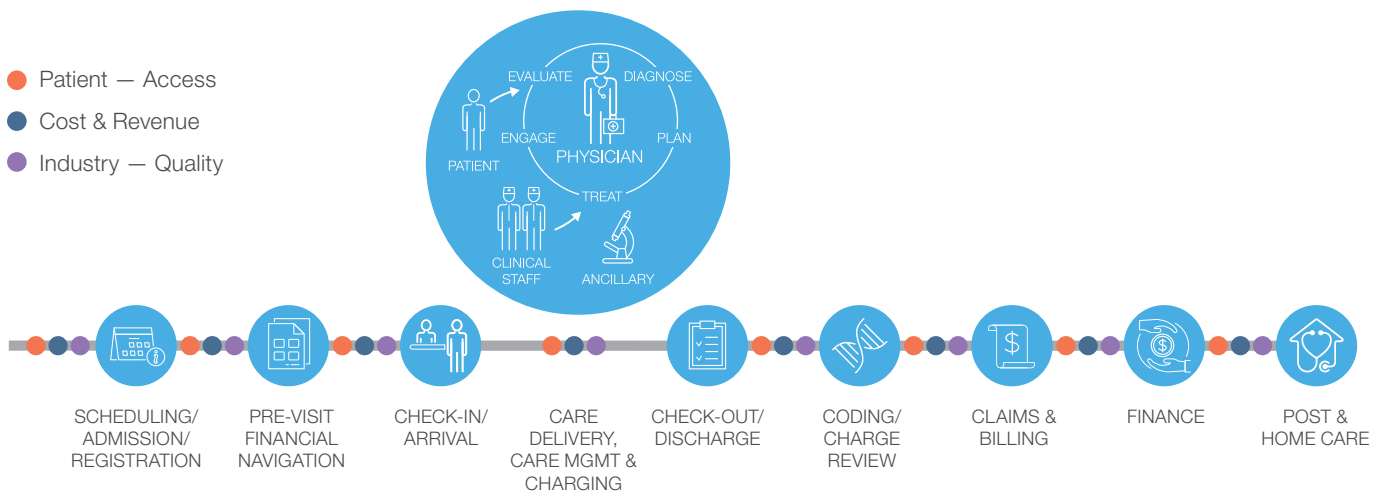- Shorten patient door-to-doctor times

The power of ABBYY Timeline comes from its unique Timeline Analysis™ approach to Process Intelligence. This technique reconstructs the original process instances, step-by-step, from event data left behind when processes were actually performed.

Timeline enables sustainable, enterprise-wide process excellence with over 30 prepackaged analytic tools that make process insight actionable.

Timeline allows you to have full visibility of all of your processes end-to-end even when different steps of the process are performed using multiple back-end systems (EHR, LIKS, RIS, PACS, RCM, etc.). The result is the ability to visualize and analyze complete healthcare processes, even when there is no other place to find these details in your existing systems.

ABBYY Timeline Process Intelligence lets you visualize and analyze any business process without integrating or modifying existing IT infrastructure. Our secure cloud-based platform enables process discovery, analysis, automated monitoring, and prediction 24/7/365 anywhere in the world you can access a web browser.

Process Opportunities

- 🔴 Patient — Access
- 🔵 Cost & Revenue
- 🟣 Industry — Quality

EVALUATE · DIAGNOSE · ENGAGE · PHYSICIAN · PLAN · PATIENT · TREAT · CLINICAL STAFF · ANCILLARY

| SCHEDULING/ ADMISSION/ REGISTRATION | PRE-VISIT FINANCIAL NAVIGATION | CHECK-IN/ ARRIVAL | CARE DELIVERY, CARE MGMT & CHARGING | CHECK-OUT/ DISCHARGE | CODING/ CHARGE REVIEW | CLAIMS & BILLING | FINANCE | POST & HOME CARE |

About ABBYY

ABBYY is a Digital Intelligence company. We provide a Digital Intelligence platform that delivers a complete understanding of your business and raises your Digital IQ. Our technologies are used by thousands of enterprises in finance, insurance, transportation, healthcare, and other industries, helping organizations make intelligent business decisions.