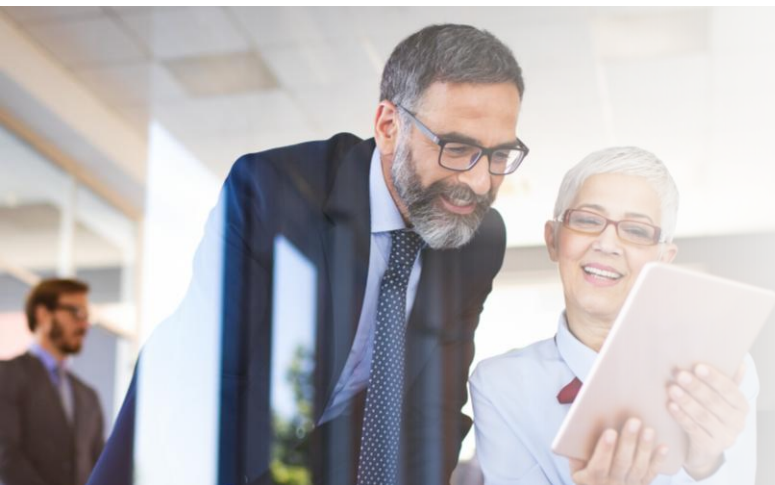




# Intelligent Authorization Engine (iAE)

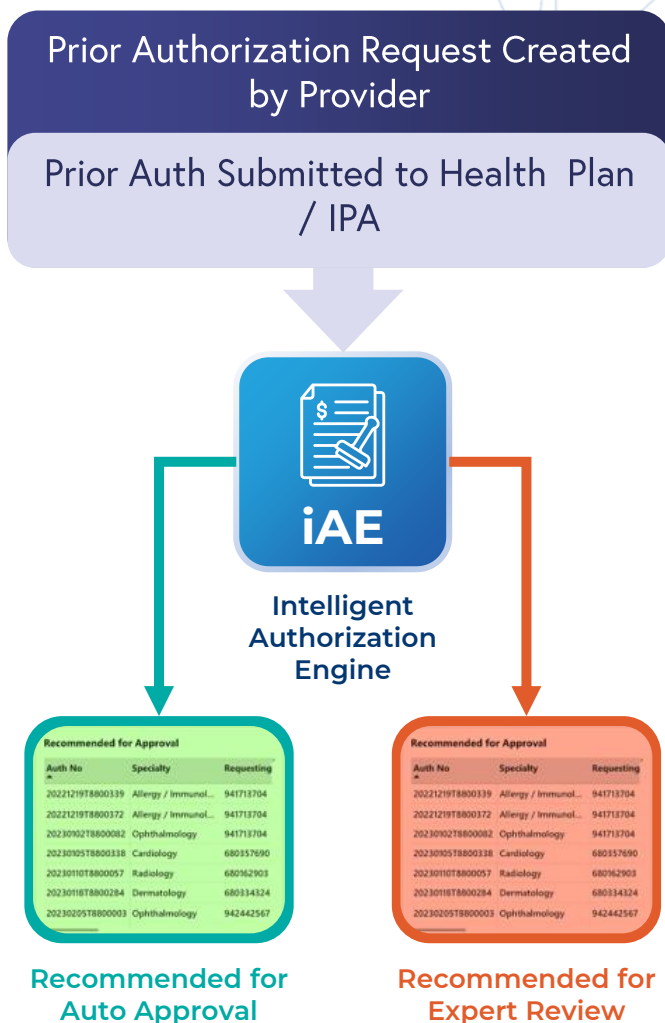
## AI-powered Prior Authorization Automation & Medical Necessity Summarization

Prior authorization involves multiple steps with heavy reliance on manual intervention. These challenges lead to delayed care, increased administrative costs, and inconsistent decision-making.

Bloom's Intelligent Authorization Engine (iAE) leverages advanced business rules, machine learning, and natural language processing to reduce the burden on Utilization Management (UM) teams and improve turn-around time while maintaining high levels of accuracy and operational efficiency.

### Highlights

1. 70% of prior authorizations are automated, improving turn-around time while reducing workload on UM team.
2. Automatically reassigns tasks across the UM team in real-time to balance the workload.
3. Real-time dashboards identify authorizations eligible for approval and highlights the ones requiring further review.
4. Surfaces cases that must be reviewed based on varied criteria including eligibility, coverage, contract terms, medical necessity and more.
5. For the requests requiring Medical Necessity Review, the solution will create a customized case summary within one day using past medical history.



## Benefits

Bloom's Intelligent Authorization Engine reduces ~50% of UM workload and improves MLR

**50-70%**

reduction in  
authorization  
adjudication efforts.

**30%**

improvement in  
decision accuracy.

**5X**

reduction in  
turn-around time.

**2X**

increase in  
appropriate denials.

## How has Bloom Improved UM Operations for a Customer?

### 48% Increase in UM Productivity

UM Team Size  
Before iAE

**23**

After iAE

**12**

### 1.5X Faster Access to Care

TAT for Authorization  
Before iAE

**3**

After iAE

**2**

### 64% More Daily Denials

Daily Denials  
Before iAE

**11**

After iAE

**18**



With Bloom, we have had a birds-eye view into the operation of our current team and its process. We can see benchmark metrics, touches per authorization, the performance of the UM staff, and the over and under-utilization of our providers. With a model that uses both data and AI, we have seen a significant reduction in our utilization management effort.

**Harriet Parker- Director of UM**  
Serving 100,000+ Patients

## Contact us



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