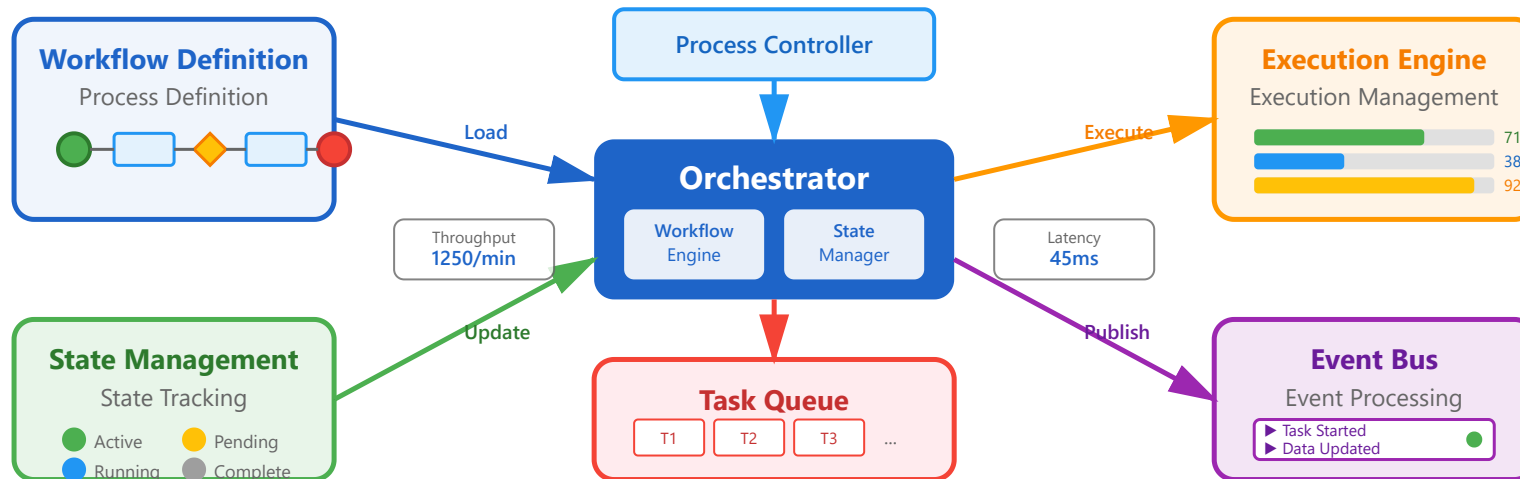


# Workflow Orchestration

## Clinical Workflow Orchestration Engine



### Workflow Definition

#### Process Definition

- BPMN Modeling
- Conditional Branching
- Parallel Processing
- Event Triggers

### Execution Engine

#### Execution Management

- Task Scheduling
- Resource Allocation
- Error Handling
- Retry Logic

### State Management

#### State Tracking

- Real-time Monitoring
- State Transitions
- Audit Logs
- Recovery Points