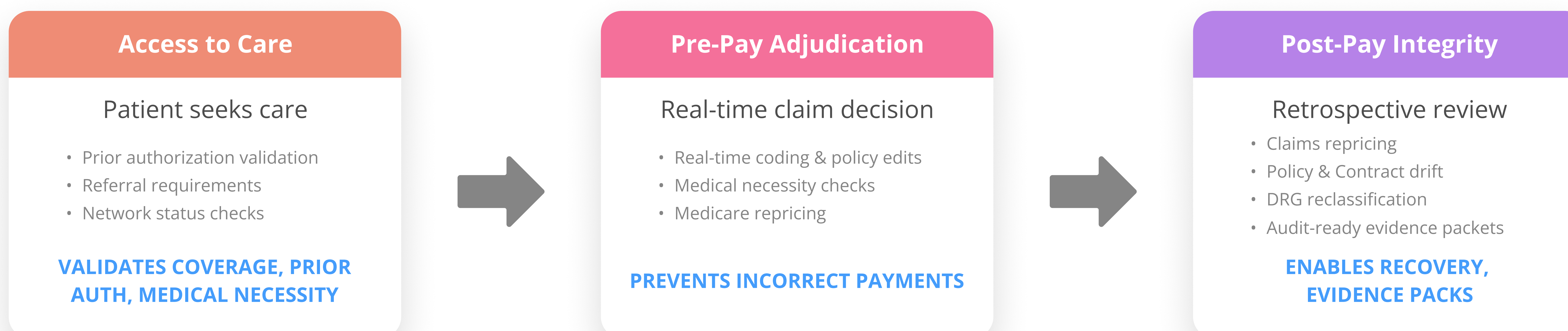


Neuro-symbolic AI

turning policies, contracts, clinical docs, and claims into computational rules at speed and scale

Preventing incorrect payments before they happen and helping recover overpayments with evidence packs



Impact

~\$44B potential recovery annually = ~\$13 PMPM affordability lift for each covered life

Plugs into existing payer workflows (no rip & replace) + Human in the loop validation



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🌐 nedllabs.com

🌐 linkedin.com/in/ashishjaiman/

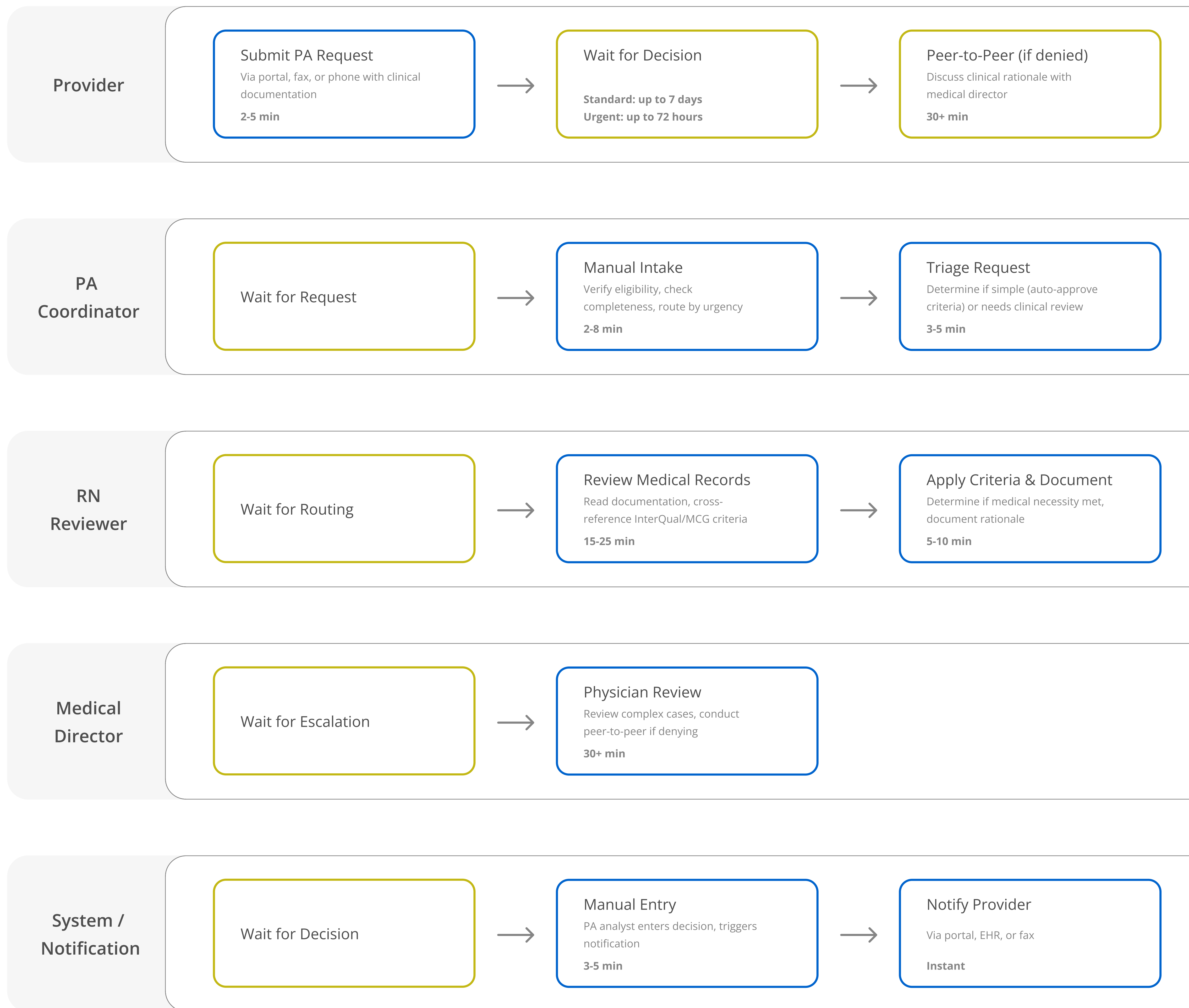
Prior Authorization Process Flow

Current Process vs. nēdl Neuro-symbolic AI Flow

Current Manual Process

● 21-38 min avg

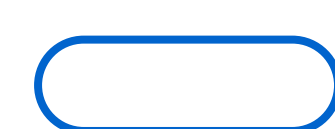
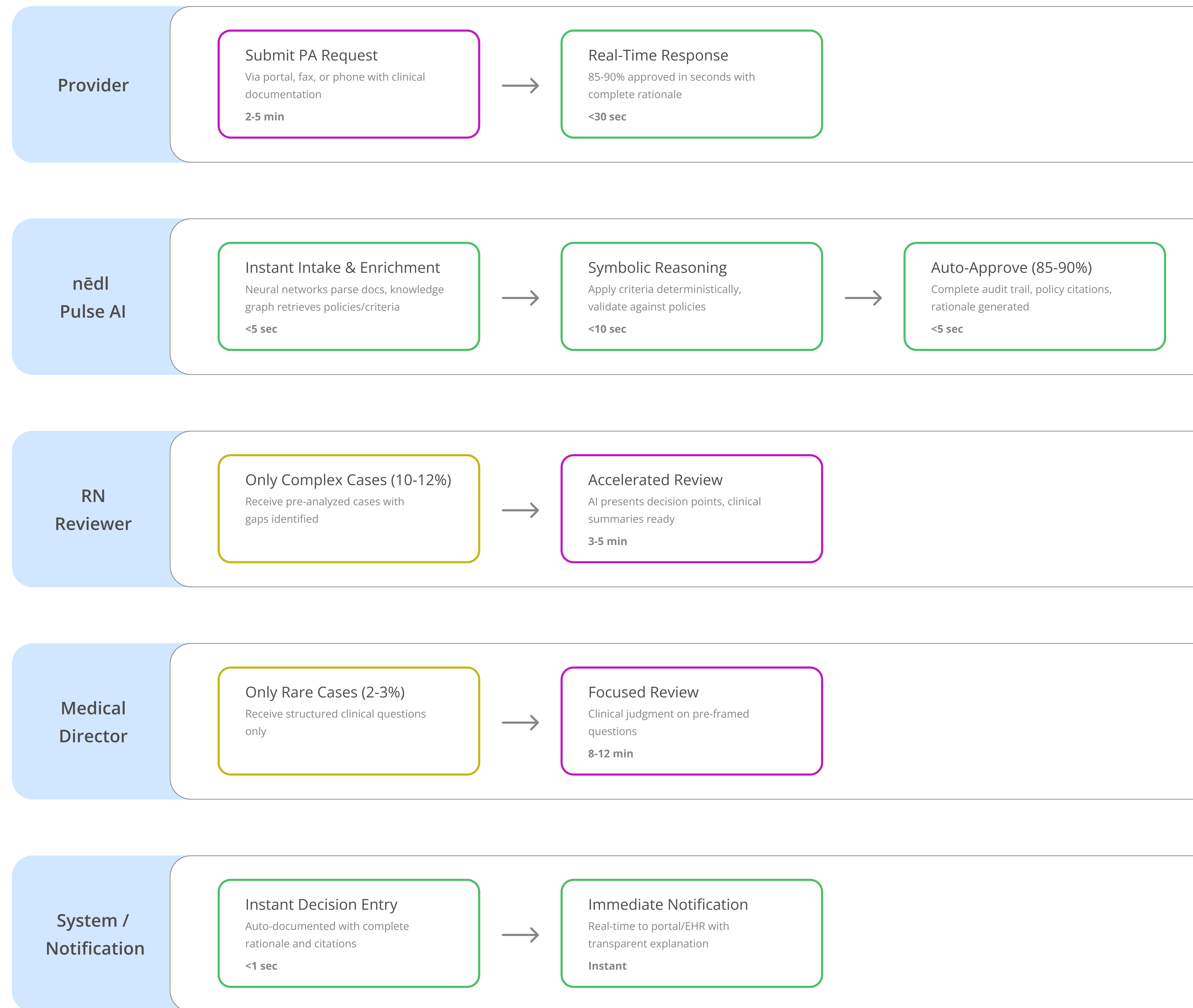
72 hrs to few weeks wait time



nēdl AI-Powered Flow

● <30 sec - 5 min avg

wait time only for rare and complex cases



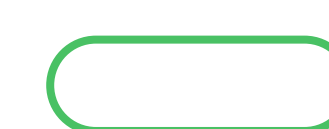
Manual Process



Wait Time



AI Automated



AI-Accelerated Human Review

Process Transformation Impact

Real Time

Prior Authorization

85-95%

Auto-Approval Rate

3-4×

Staff Capacity Increase

40-50%

Reduction in MD Reviews

<30 sec

Average Decision Time

Claims Adjudication Process Flow

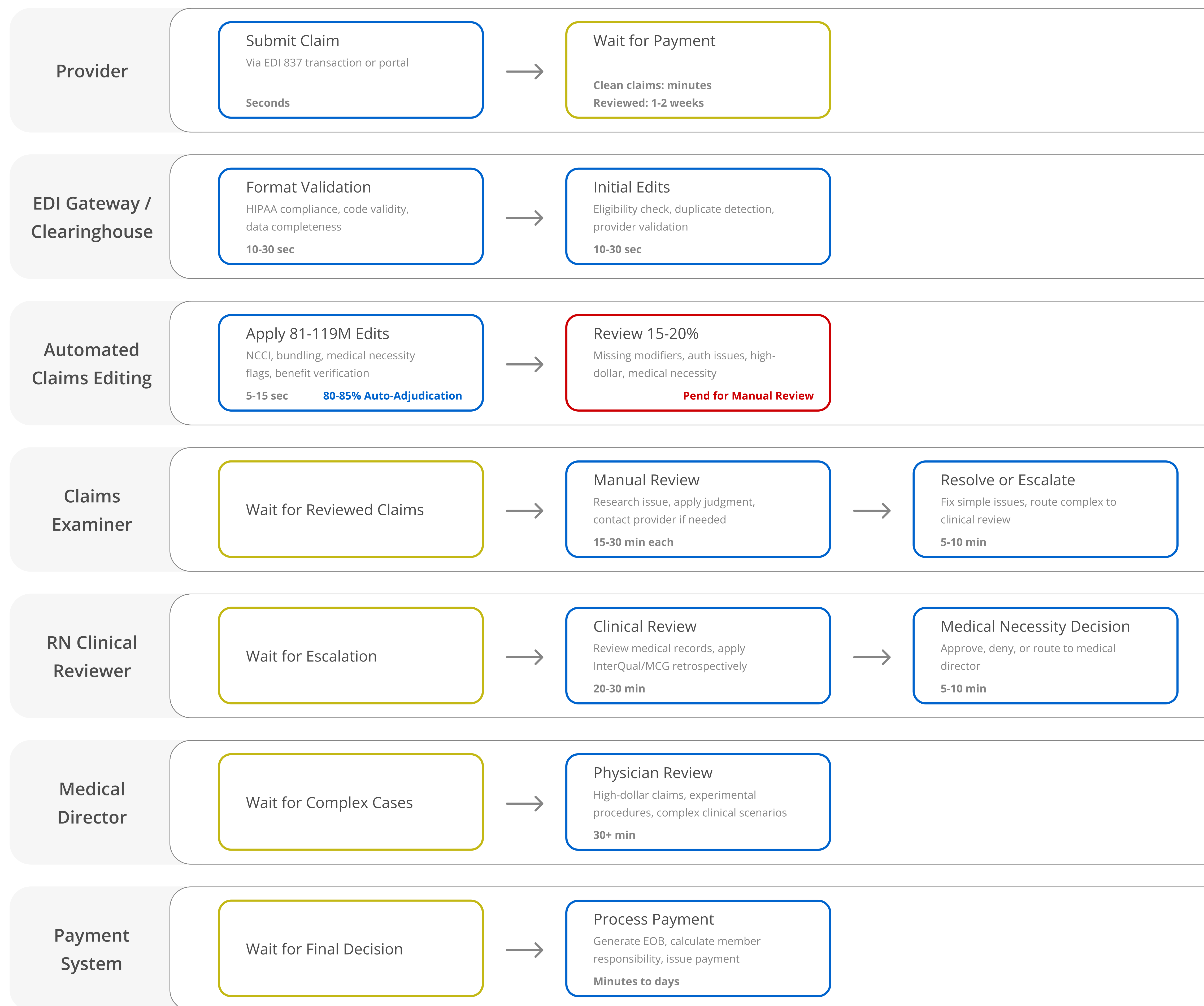
Current Process vs. nēdl Neuro-symbolic AI Flow

Current Manual Process

● Minutes to 1-2 Weeks

80-85% Auto-Adjudication

15-20% Review

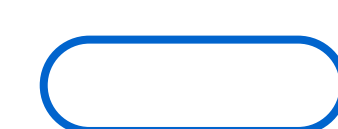


nēdl AI-Powered Flow

● Seconds to Minutes

90-92% Auto-Adjudication

6-10% Review



Manual Process



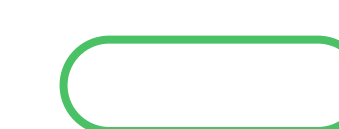
Review/Pended



Wait Time



AI Automated



AI-Accelerated Human Review

Process Transformation Impact

90-92%

Auto-Adjudication

60%

Reduction in Manual Review Volume

3-4×

Staff Capacity Increase

69%

Processing Cost Reduction

<5 sec

Average Payment Time

Post-Payment Audit Process Flow

Current "Pay & Chase" vs. nēdl Labs Intelligence

Current "Pay & Chase"

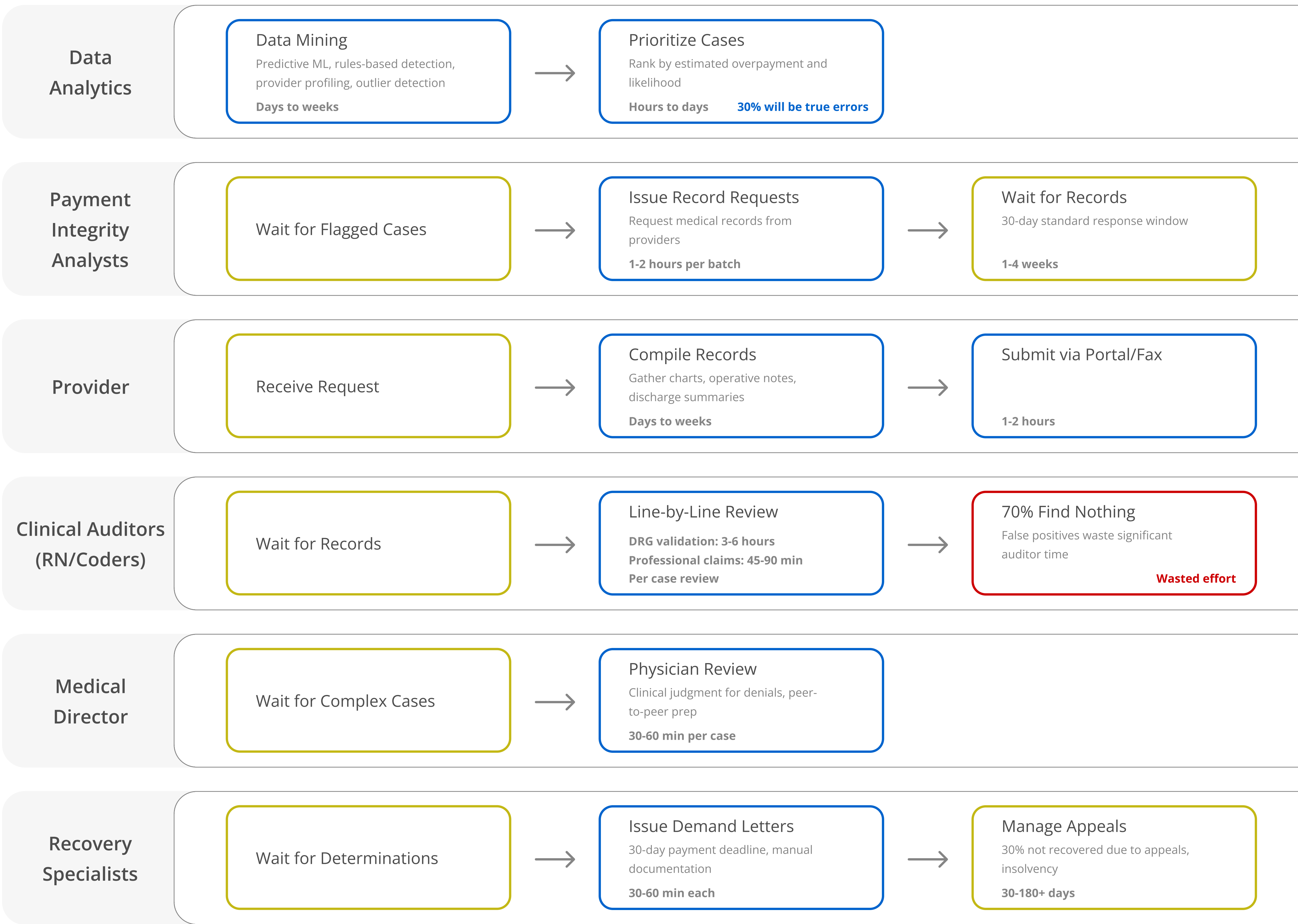
60-120+ Days

~10% Coverage

30% Hit Rate

70% False Positives

30% Recovery



nēdl AI Payment Integrity

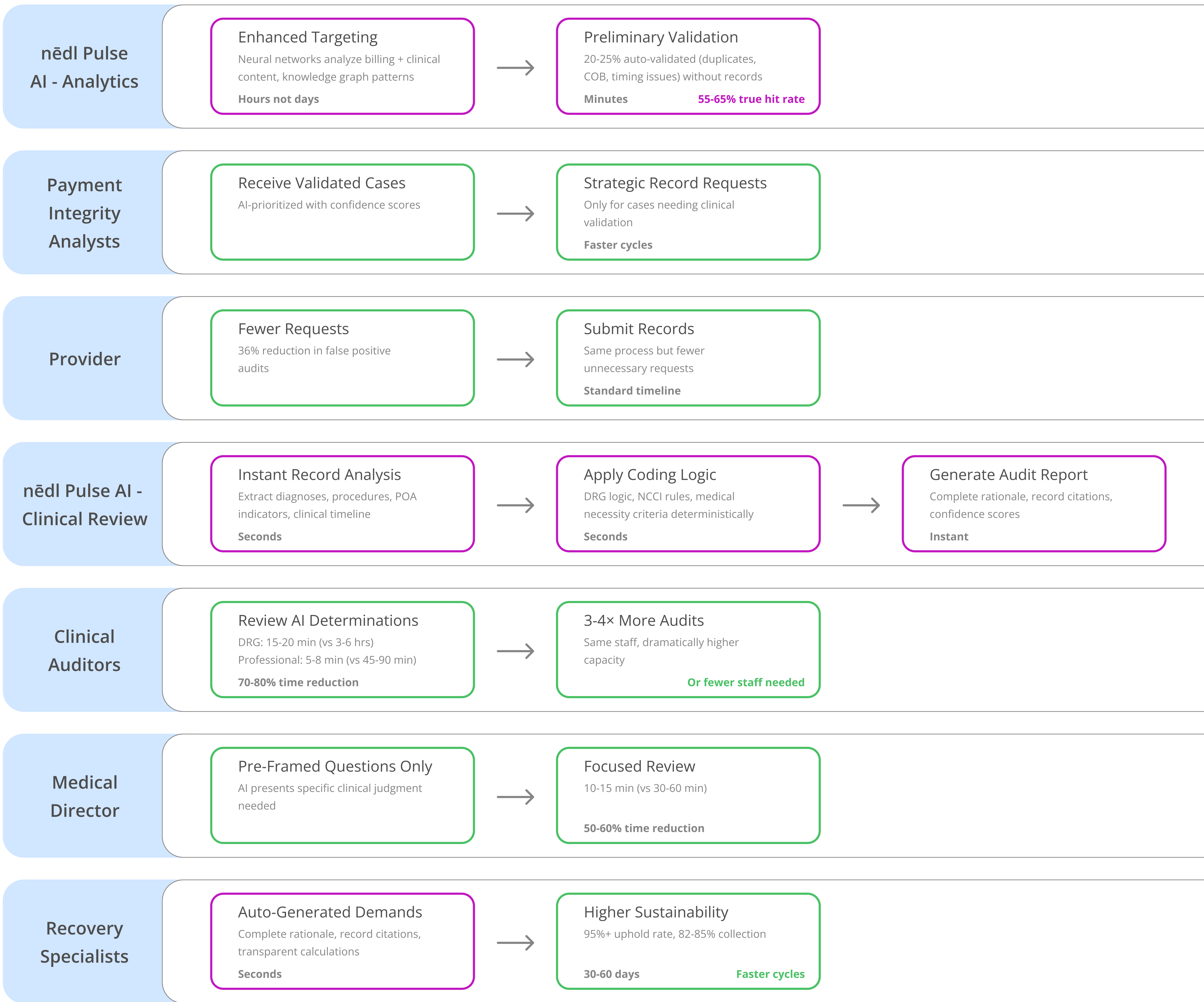
7-30 Days

100% Coverage

70%+ Hit Rate

<10% False Positives

82-85% Recovery



Manual Process



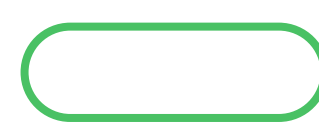
False Positive/Problem



Wait Time



AI Automated



AI-Accelerated Human Review

Process Transformation Impact

+83%

More True Errors Found Per Audit

-36%

False Positive Audits

70-80%

Reduction in Review Time

-50%

Recovery Cycle Time

82-85%

Collection Rate