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AUOGE CASE STUDIES

INTELLIGENT AUTOMATION: TRANSFORMING
HEALTHCARE OPERATIONS



CASE STUDY 1

CARECONNECT AI

Automated Patient Engagement & Workflow Optimization

Increased Patient Compliance: Higher uptake of preventive measures. Reduced Staff Burden: Automation of routine communications frees up clinical staff for high-value patient care. Improved Data Integrity: Communications and outcomes are logged directly back into the EHR.

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AUOGE OPERATIONAL INSIGHTS

THE CHALLENGE

Managing high-volume patient outreach for preventive screening, appointment scheduling, and chronic care follow-up is resource-intensive, leads to inconsistent messaging, and risks operational bottleneck (e.g., call center strain, missed appointments).

THE AUOGE SOLUTION

Deployed CareConnect AI, an intelligent automation platform that seamlessly integrates with the client's existing EHR. The system uses AI to analyze structured/unstructured patient data, segmenting individuals based on clinical need, and auto-generating personalized, multilingual communications via preferred channels (SMS, email, call scripts).

TECH FOCUS

Emphasis on the use of ClinicalBERT and EHR Integration to stress compliance and relevance in a regulated environment.
KEY TECH: Python, ClinicalBERT, Twilio, EHR Integration (HL7/FHIR ready).

TECH STACK HIGHLIGHTS

ML FRAMEWORKS

scikit learn, TRANSFORMERS
(clinicalBERT, GPT-5, spaCy)

Messaging

Twilio (SMS/calls),
SendGrid (email)

Language

Python

ML FRAMEWORKS

scikit learn, TRANSFORMERS (clinicalBERT,
GPT-5, spaCy)



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THANK YOU!

FOR Questions and Discussion

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