Case
Study
VOICE AI

ABOUT US

BlueArc Technologies is a leading provider of AI-driven business process automation, empowering organizations worldwide to achieve operational excellence.

We help businesses turn inefficiencies into growth opportunities, driving innovation through tailored, transparent automation solutions that deliver measurable results and sustainable impact.

CHALLENGE

Managing multi-doctor appointment bookings without automation caused inefficiencies and errors. The lack of integration between voice platforms and backend systems created friction in the booking process.

COST OF NOT CHANGING

Without implementing automation, the organization would continue facing:

- High operational overhead.
- Poor patient experience due to scheduling errors.
- Increased risk of data inconsistencies.

SOLUTIONS

To streamline appointment booking and enhance operational efficiency, BlueArc implemented a robust integration leveraging FastAPI, Vapi Voice AI, and Dentally API. This solution delivers secure communication, automated workflows, and reliable scheduling across multiple calendars—reducing manual errors, improving patient experience, and driving measurable business impact.

OUTCOME

The integration of Vapi Voice AI with FastAPI and Dentally API transformed BlueArc Technologies' appointment booking process into a fully automated, secure, and scalable system. The solution eliminated manual errors, resolved CORS issues, and enabled real-time scheduling across multiple calendars. Patients now enjoy faster, error-free bookings, while the organization benefits from improved operational efficiency, enhanced reliability, and a better overall patient experience.

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