

CONVERSATIONAL AI + dRyZe CRM

Building Chatbots That Drive Conversions







Evolution of Conversational Al



1960s-1990s

Rule-based scripts (ELIZA, AIML)



2010s

Retrieval-Augmented Generation (RAG) for grounding

ML-enhanced NLU for pattern recognition

2000s

LLMs & GenAl enable proactive, multi-turn agents



Value Proposition for dRyZe CRM

- Proactive Lead Engagement: 24/7 chat invites on real-time CRM signals
- Hyper-Personalization: Recommendations using customer history
- Seamless Workflow: Automated qualification, routing, task creation
- Insight Generation: Chat analytics inform marketing & product strategy



Core Technologies & Architecture

- NLP & NLU: Intent parsing & entity extraction
- Machine Learning: Continuous model refinement with chat data
- Generative AI (LLMs): Dynamic, context-aware response generation
- Retrieval-Augmented Generation: Grounding responses in dRyZe
 KB
- API Orchestration: Bi-directional data flow between bot & CRM

Integration Blueprint

- Channels: Web widget, in-app messenger, WhatsApp
- Al Engine: LLM + NLU + orchestration logic
- CRM API: Pull context → Push transcripts & updates
- Retrieval KB: Product docs, pricing, support articles
- Data Store: Unified audit trail in dRyZe

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Five Conversion-Driving Use Cases

- Lead Capture: Bot qualifies visitors & creates Leads
- Next-Best Action: Suggests follow-up tasks & reminders
- Knowledge Q&A: Answers via RAG, logs transcripts
- Automated Follow-Up: Triggers emails/SMS sequences
- Escalation Handoff: Routes complex chats to reps





- Discovery & Data Readiness: Audit CRM & KB
- Pilot Deployment: Configure intents & RAG sources
- Validation & Optimization: Track KPIs, A/B test flows
- Scale & Governance: Roll out omni-channel, establish Al policy
- Continuous Improvement: Monitor dashboards, retrain models



Best Practices & Governance

- Data Governance: Single source of truth, update cadence
- Ethical AI: Bias audits, transparency, consent
- Human-in-the-Loop: Escalation paths, feedback loops
- Security & Compliance: Encryption, role-based access
- Platform Selection: Orchestration, multi-LLM support

