# LANGUAGE I/O Our Solution for Multilingual Customer Support

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# Context

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### Trends

- 1. Digital Customer Service
- 2. Knowledge Management for CS
- 3. Customer Service Analytics

#### Hype Cycle for Customer Service and Support Technology 2021







of B2B and B2C buyers surveyed agreed they would be more likely to repurchase from a brand if the after-sales care is in their native language.

-CSA Research



For European markets, **Nimdzi** found that having "no translated content" is the main customer service concern, and the second biggest concern for both the APAC and the Americas.







# **Our AI-enabled Solution**





#### Multilingual Support Agents For Real-Time Support



Chatbot







#### **Key Steps in Multilingual Customer Service**





### Key components

- → CRM Integrations: Salesforce, Oracle, Zendesk, Service Now
- → Optimum MT selection per customer per content type
- → Self-Improving Glossary to handle terminology
- → Translation Quality Estimation and routing to human translation
- → Security: no data stored!
- → Setup in no time: less than 24 hours



## **Details on Translation Quality Estimation**

- → Adaptive threshold per customer per language pair
- → Continuously evolves with active learning technologies
- → Using linguistic information as well as Language I/O's metadata
- → Improves engine selection technology
- → End goal is to minimize human processing



#### Secure Self-Improving Glossary





I have made the promotion for the ganafor of the rg with rafa, and you have not given me the iltima free

he realizado la promocion para el ganafor del rg con rafa, y no me habis dafo la iltima free

GX

Support chat translated by Google

I have redeemed the promo code for the French Open winner with Rafael Nadal and you have not given me the latest free



Support chat translated by Language I/O



I have Zhang Zhaozaiqi card with annihilation keyword action. But it doesn't always trigger. Blind dishes. Can you help me solve this problem? gkd. My email is eldrazi.devastator@gmail. com, and my DCI number is 9783723952. 我有张毁世奥札奇 牌,带歼灭关键字动 作。但老是不触发。 瞎菜了。能帮我解决 这个问题吗?gkd。 我的电邮 eldrazi.devastator@ gmail.com,我的DCI 号是9783472952。

Eldrazi Devastator Magic the Gathering



I have an Eldrazi Devastator card with annihilator keyword action. But it doesn't always trigger. I'm confused. Can you help me solve this problem? Do it quickly please! My email is eldrazi.devastator@gmail. com, and my DCI number is 9783723952.









# The Future



# **Chatbots**



# **Analytics**





#### Thank you, questions?

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