

NeuralSeek





Customer Technical Presentation

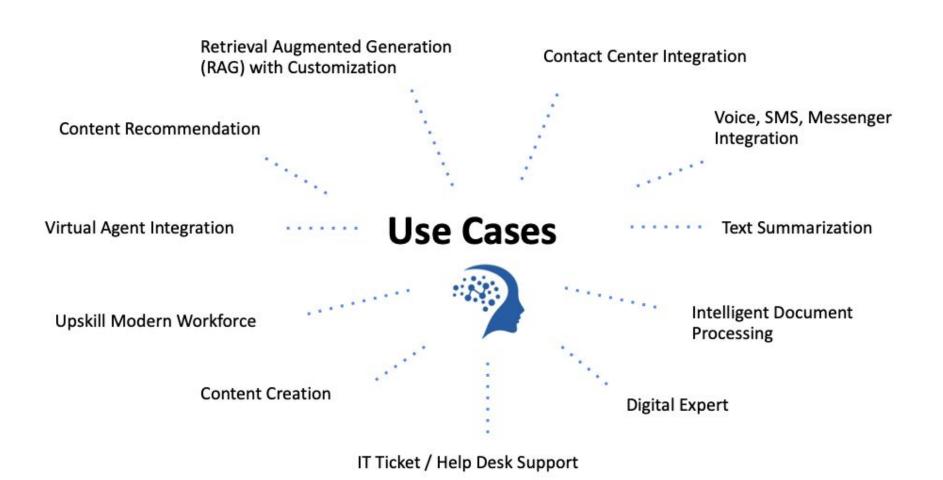
Kent Mihlbauer kent.mihlbauer@cerebralblue.com 714-747-3850

What is NeuralSeek?

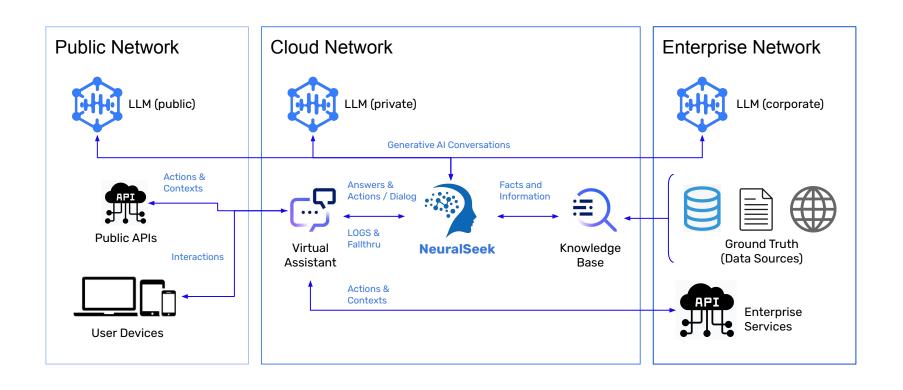
SaaS plug-in for Corporate KnowledgeBases, Virtual Agents, Contact Center Software solutions, and many other human - machine communication processes/needs

Reduces time, money, and effort with building and maintaining Al-backed applications – in exchange for SaaS consumption

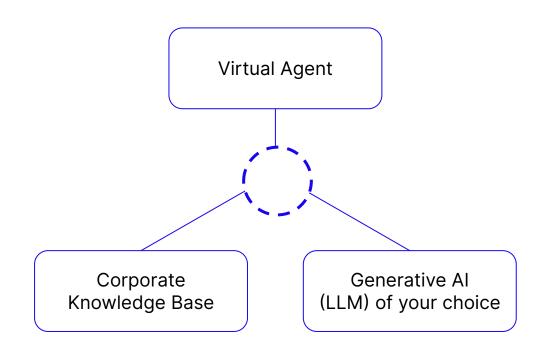
Allows businesses to use Large Language Models against their own data with 'guide rails' - maximizing trust, transparency, and control



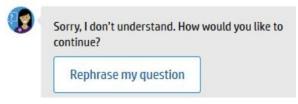
NeuralSeek Reference Architecture



Example: Virtual Agent

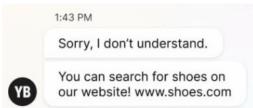


Standard Virtual Agent Technology Shortfalls



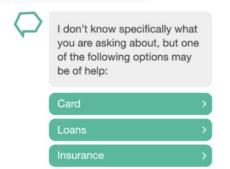


In many situations, customers are simply looking for answers to questions about the company, products, procedures, or policy





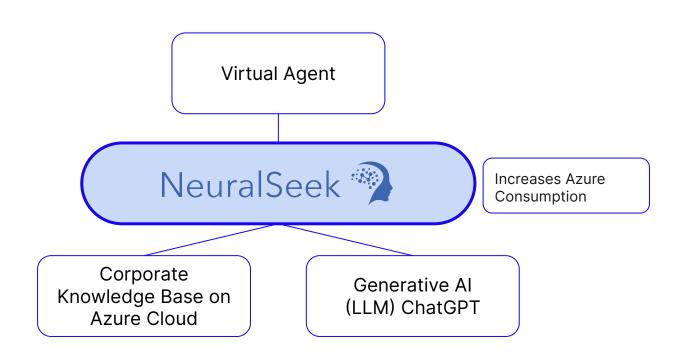
Most Virtual Agents don't handle open-ended questions well – it's too hard and costly to build dialog for every possibility





Once the Virtual Agent becomes the "first call" – customer expectations demand answers to all questions – or the churn risk rises!

NeuralSeek - solving the VAT challenges



Benefits of adding NeuralSeek to your VAT

- Automatically creates potential intent and actions that can be easily uploaded into the virtual agent with ease.
- Changes to your corporate knowledge base can be automatically detected and curated, and updated with minimal manual intervention.
- Automatically provides context to your favorite LLM of choice, and leverages its capability to provide concise answer that feels more natural.
- Powerful analytics to real-time monitor coverage and confidence level of the answers, down to the actual raw source.

What NeuralSeek eliminates

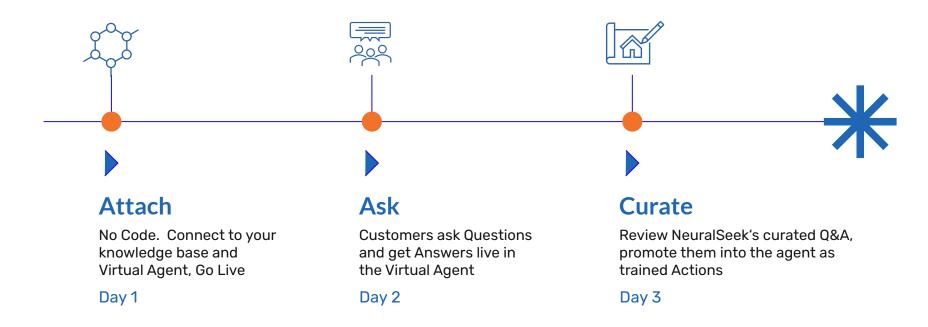
- Work needed to create every possible intentions and actions for each individual questions.
- The need to constantly update intentions and answers according to the changes and updates in corporate knowledge base which can be highly time consuming.
- Integrating your choice of LLM, which requires additional integration and engineering to make it work with your corporate knowledge base.

The Value Of Updating your VAT

- 50% cost savings
- 18 percentage-point increase in customer satisfaction
- 20 percentage-point increase in first contact resolution
- 20 percentage-point increase in human agent satisfaction
- 15 point increase in NPS
- 9% increase in revenue attributed to use of Virtual Agent Technology.

source: IBM Institute for Business Value

NeuralSeek eliminates upfront development



Build backwards with NeuralSeek Remove the need to spend weeks/months of designing Q&A into your Virtual Agent

NeuralSeek within Azure



Azure Al Bot

Make the hype around Generative Al real for your business

NeuralSeek is a low touch, easy to implement, SaaS plug-in for a Corporate KnowledgeBase, Virtual Agent, or Contact Center solution that helps businesses get to market fast with Generative Al.





Azure
Data Explorer &
Cognitive Search

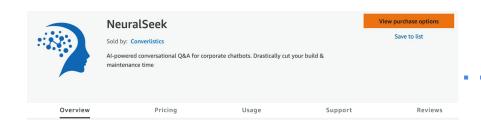


ChatGPT

NeuralSeek in AWS



Amazon Lex





Amazon





Amazon Lambda

Product Overview

Al-powered conversational Q&A for corporate chatbots. NeuralSeek provides corporate guiderails for Large Language models, allowing you to see answer provenance and generate conversational answers to questions based on your specific corporate knowledge. NeuralSeek also auto-builds Virtual Agents like AWS Lex, Cognigy, Kore.AI C, and IBM Watson Assistant. It maintains answer to source mapping, and will alert you when curated answers become outdated and will prompt you to fix those automatically. In addition, advanced analytics highlight content areas that need improvement, based on relevancy scoring from user questions. NeuralSeek drastically reduces the time and cost to build and maintain a chatbot.

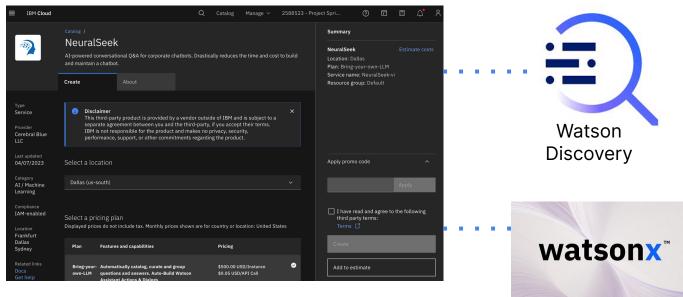
Converlistics Sold by

Highlights

- · Create natural language answers to user questions based specifically on your corporate knowledge
- · Auto-Build and auto-update content into AWS Lex, Cognigy, Kore.ai , and Watson Assistant
- · Integrated analytics tracks knowledge areas and recommends areas to be updated

NeuralSeek in IBM Cloud





NeuralSeek

Appendix - Additional Details



NeuralSeek: Home



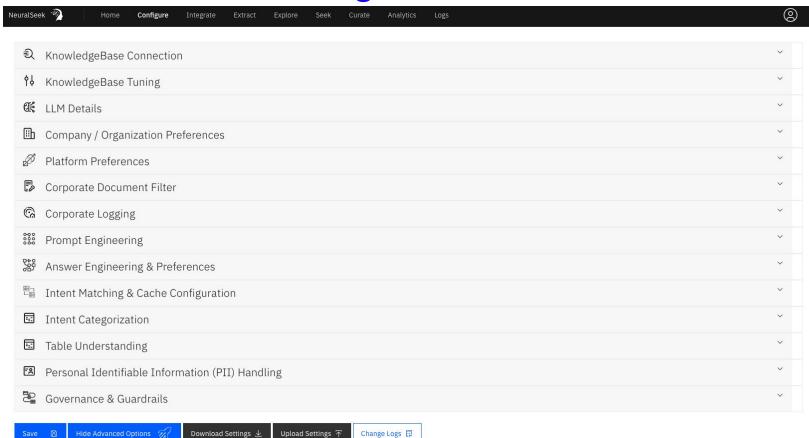
NeuralSeek is ready to answer!

As questions are answered by NeuralSeek, we can automatically build out and maintain portions your Virtual Agent. Use the buttons below to quickly generate Q&A content to bootstrap and test your Virtual Agent.

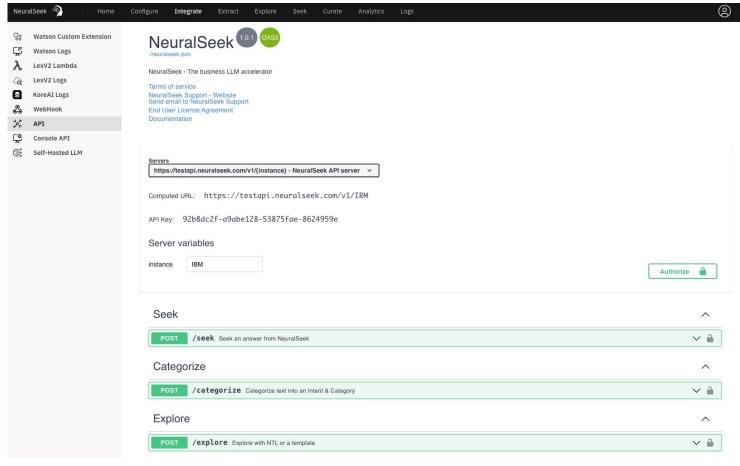




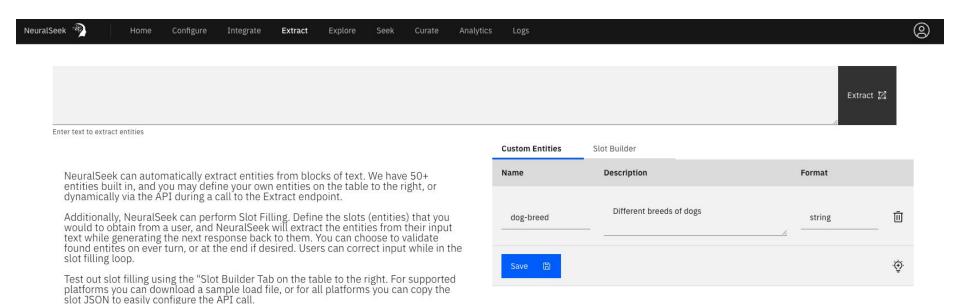
NeuralSeek: Configure



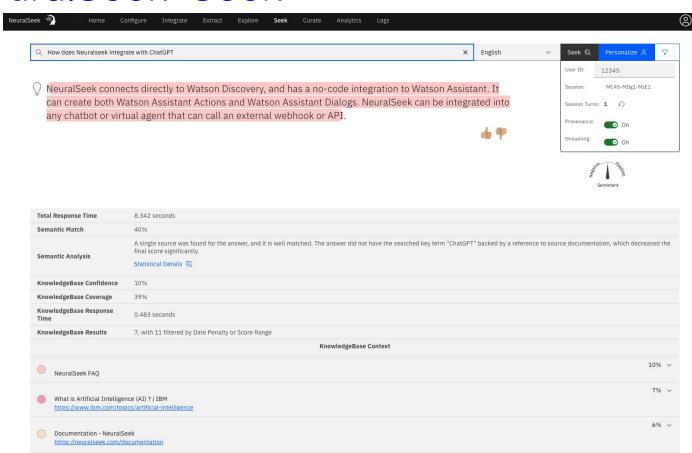
NeuralSeek: Integrate



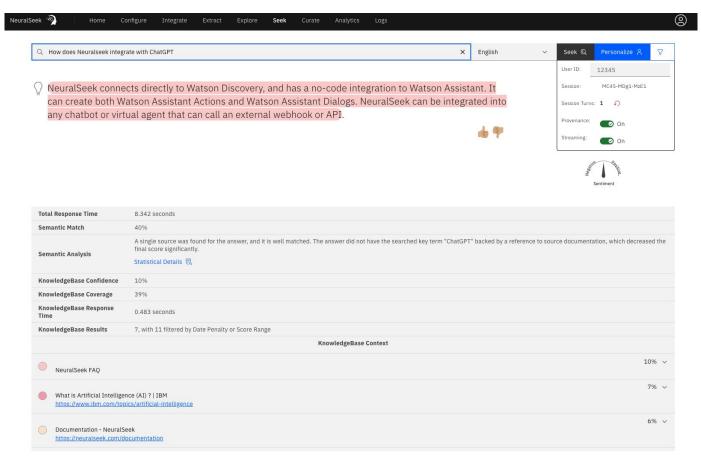
NeuralSeek: Extract



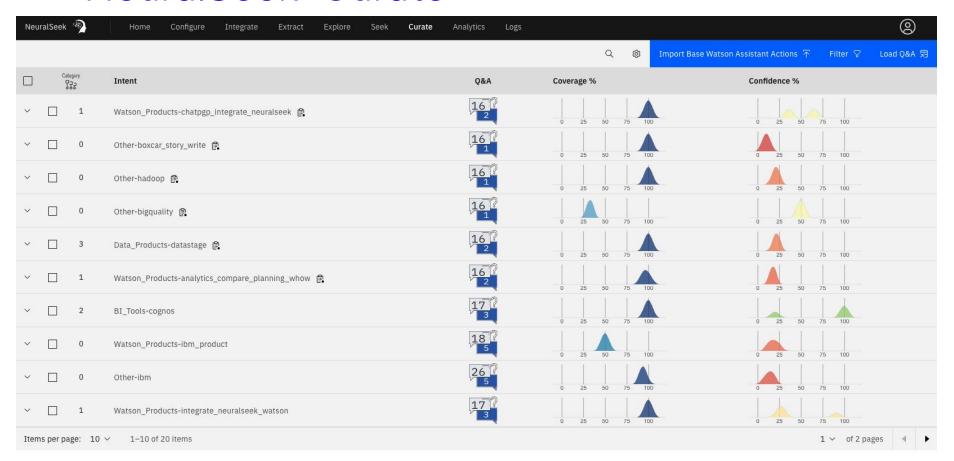
NeuralSeek: Seek



Answer 'Provenance'



NeuralSeek: Curate



NeuralSeek: Analytics

NeuralSeek 🤏

Home

Configure

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act Explore

Seek

Curate

Analytics

Log



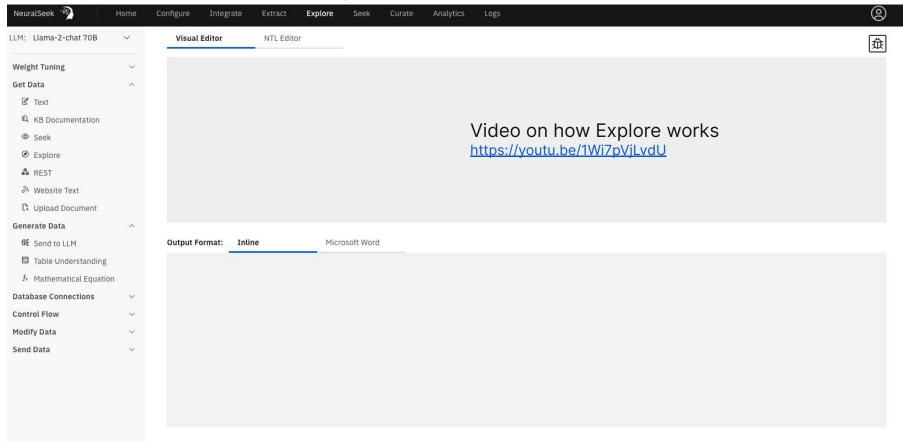
Summary:

1) Blockchain: Updating block-chain introductory pages for use cases; refreshing developer resources supporting Hyperledger Fabric v2x versions vs. competitors Kaleido & ConsenSys (Quorum). Update quantum computing resistant algorithms appropriate cryptography materials/sidebars about security risks during transitions from legacy systems while keeping an eye towards decentralized governance protocols involving smart contract standards outside traditional supply chain visibility expectations. AI ethics sections need expansion too where transparent rollouts come into play under EU guidelines now being implemented industry wide based upon GDPR precedents setting international privacy compliance standards across multiple diverse disciplinary boundaries between data sharing / management partnerships ensuring unbiased outcomes regardless whether private public collaborative research initiatives occur within medical tech fields such like precision healthcare applications directly tied clinical settings worldwide including China India USA etc., yet balancing concerns around patent thickets hindering adoption rates among SME's which cannot afford heavy R&D investments normally associated only large enterprises possess - therefore IBM developed solutions must consider ways reduce operational costs maintaining profitability amid fierce competition but still provide tangible societal value through measurable means assessed along quantifiable success metrics wherever possible without degradation performance criteria when held against current best practices established over past decades since early cloud formation days began taking root back late last century up until present times! Narrow loses might be tolerated slightly higher risk levels however long term negative consequences simply could never acceptable because any hint weakened resilience undermining foundations fundamental strength eventually cause catastrophic cascading failures throughout whole ecosystem thus ruinous effects would linger disastrously forever changing course irrevocably once tipped beyond certain points no return ever becomes viable anymore so avoid danger zones altogether even they seem attractive short terms gains especially considering potential irreparabe damages done caused harm then you wonder why people choose alternatives offering superior reliability stability above everything else always look very closely at downstream ramifications before committing fully understand all involved stakeholders actual wants needs fear tremendouly losses they may personally experience after adoptpting proposed soltions supposed solve real problems better than anyone esle can right nw with perfect clarity regarding decision factors used determine final positions taken relative market dynamics forces shaping future trajectories emerging technologies bring great opportunities immense challenged complex situations requiring careful navigation nuanced expertise multidisciplinairy approach leveraging divers insights combining talens acorss different spectra hopefully leading way toward genuine breakthroughs advancements benefit entire society stay safe reliable trustworthy custodians innovating responsibly thoughtful leadersho making choices today shape tomorrow create positive sustainble difference far into futre hope remains constant driver pushing humankinf forward together stronger inclusively equitable pieces lifting each other improving conditions leaves nobody behind ensure everyone reaches fullest potiential unhinderred progress unfetter access knowledge wisdom tools needed succede achieve personal growth helps fulfill universal basic human rights establish more peace justice solidarirty cooperation collaboration mutual respect kindness empathye honesty integrity truthfullnes openess transpaency accountibility ease difficult conversatioons instead encouraging them grow transform expand presence deeply embedded with communities serve customers





NeuralSeek: Explore



Further information

Videos

https://www.youtube.com/@Cerebral_Blue/featured https://www.youtube.com/watch?v=55nZ8rU9IM0

Training and Documentation
https://academy.neuralseek.com/

https://neuralseek.com/documentation





NeuralSeek





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