

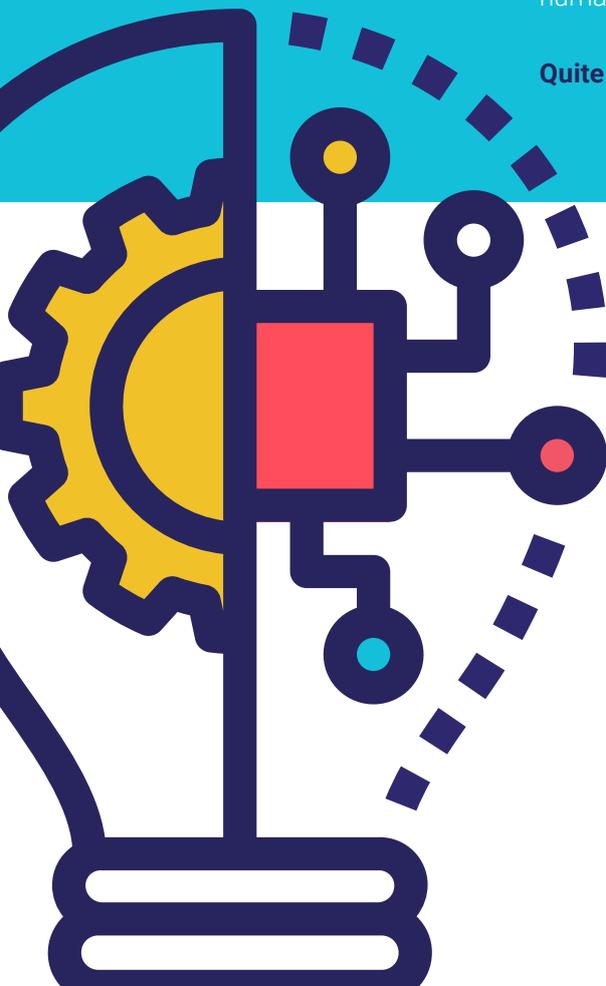
# INTRODUCTION TO ARTIFICIAL SOLUTIONS

Artificial Solutions® enables enterprises to rapidly build conversational AI systems, allowing users to converse with applications and electronic devices in free-format, natural language, using speech, text, touch or gesture.

Delivered through Teneo®, an ultra-rapid AI development and analytics platform, Artificial Solutions' technology allows business users and developers to collaborate on creating sophisticated, conversational applications in 35 languages, running over any OS, on any device, without the need for specialist linguistic skills. Teneo also gives enterprises the power to analyze the enormous quantities of real-time conversational data generated, delivering unprecedented levels of actionable user insight.

Already used by global companies in the automotive, banking, energy, entertainment, telecoms and travel marketplaces, Teneo offers one of the most humanlike experiences available in commercial conversational AI today.

**Quite simply, we make technology think.**

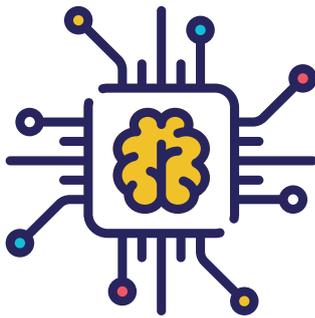


READ ON →

## THE IMPORTANCE OF CONVERSATIONAL AI

**The demand for conversational AI has exploded in recent months. It's no longer enough for enterprises to expect users to speak or text in standardized, rigidly structured commands - customers want to use their own words, phrases and terminology. Gartner supports this view, saying that 2018 will see a "the burden of translating intent shift from the user to computer".**

Before now, creating conversational interfaces has required specialist skills, significant resources and a great deal of time. Teneo has changed everything with its advanced machine learning capabilities that automatically writes the underlying language code; and algorithms that simulate the way a human thinks.



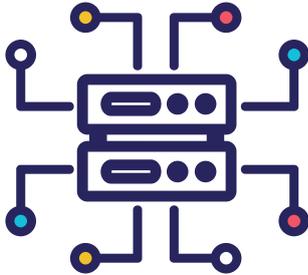
## THE TENEO ADVANTAGE

**Teneo is the only technology to deliver all the tools an enterprise needs to build intelligent, conversational applications, putting the power of AI into the hands of businesses.**

The revolutionary approach that Teneo takes allows developers to create in days that which can take months in competitive products. Teneo achieves this by simplifying the complexity in building natural language applications. It uses intelligent automation to remove the need for specialist skills such as computational linguists, and then enables applications to be easily maintained in real time by business users.

Teneo addresses all three aspects of the development process to deliver truly humanlike understanding:

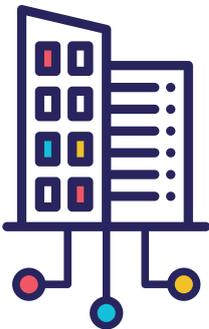
- Firstly, Teneo uses its inclusive vast, curated data resources, equivalent to millions of conversations, to provide the data needed to train the system, alongside the tools for quickly expanding them if required. (This is in direct contrast to other products which depend on the enterprise having extensive, pre-curated data – a highly impractical approach, particularly if it is addressing a new opportunity within the business.)
- Secondly, Teneo manipulates the data using its patented hybrid approach. This hybrid methodology combines the best of both linguistic and machine learning models and allows enterprises to quickly build conversational AI applications whatever their starting point – with or without data – and use real-life inputs to optimize the application from day one.
- Finally, Teneo is built around its unique graphical user interface that enables users to quickly and easily construct the intelligence flows behind human-machine conversations, ensuring that natural language applications properly understand the context of the conversation – every time.



### CONTROL DATA OWNERSHIP AND DATA PRIVACY

**Data is one of the key benefits of a conversational application.** People reveal vast amounts of information in conversations, with individual preferences, views, opinions, feelings, inclinations and more are all part of the conversation. Teneo gives enterprises the tools to use this information to feed back into the conversation - increasing engagement and training and maintaining the conversational AI interface and delivering real-time, actionable business insight.

Furthermore, this entire user-generated goldmine of conversational data is owned by the enterprise. Artificial Solutions' clients receive all the interaction that take place, not just the "final pizza order", as so often happens with other conversational interfaces. And even in the face of the most stringent Data Protection legislation, Teneo enables enterprises to derive significant value and benefits from conversational AI; while the option of self-hosting is also available, allowing organizations to meet the most rigorous of security measures.



### BUILT FOR ENTERPRISE USE

**Teneo is optimized for large-scale projects with hundreds or even thousands of conversational flows, as well as single-purpose bots.**

Features such as version control, roll back capabilities or user roles to manage collaboration over disparate teams – often missing in other development tools – are included as standard.

With Teneo, enterprises can easily integrate with legacy and third-party external systems to deliver complex outcomes in simple conversations. The platform's robustness has been proven time and again with multilingual deployments across the globe.

### THE FUTURE OF CONVERSATIONAL AI

**The last eighteen months have seen an acceleration in the demand for conversational interfaces, and predictions from major technology analysts shows the trend to continue strongly through 2018.**

But throughout this there is an underlying message; enterprises need to deploy conversational platforms that are capable of truly understanding the customer however they phrase the question.

**Teneo enables enterprises to meet this demand with ease.**



Artificial Solutions has customers and offices around the world. Please visit [www.artificial-solutions.com](http://www.artificial-solutions.com) to find your nearest office. Alternatively, you can find us on social media:



[/artificial-solutions](https://www.linkedin.com/company/artificial-solutions)



[@ArtiSol](https://twitter.com/ArtiSol)



[/artificialsolution](https://www.youtube.com/channel/UCartificial-solutions)



[/artificialsolutions](https://www.facebook.com/artificialsolutions)

#### **ABOUT ARTIFICIAL SOLUTIONS**

Artificial Solutions® is the leading specialist in Natural Language Interaction (NLI). The company's patented technology enables people to converse with applications and services running on computers, mobiles, wearables and other electronic devices in a humanlike, intelligent manner.

Called Teneo, it is the first complete platform to enable enterprises to rapidly develop and analyze natural language applications that embrace artificial intelligence through the use of machine learning and implicit personalization.

Teneo allows business users and developers to collaborate on creating sophisticated natural language applications in record time that run on any operating system, in 35 languages, without the need for specialist linguistic skills. Teneo also unlocks the knowledge held in immense volumes of natural language conversations, delivering unprecedented levels of big data insight and true 'voice of your customer' understanding.

Artificial Solutions' technology is deployed by hundreds of public and private sector organizations and used by millions of people.

For more information visit [www.artificial-solutions.com](http://www.artificial-solutions.com)