



# Eternal youth for your business code

GeneXus is the Software Development Platform that takes advantage of the benefits of Low-Code and Artificial Intelligence to simplify and automate the tasks of creating, evolving and maintaining Multi-Experience and Multi-Platform applications.

By modeling knowledge with GeneXus and generating for the latest technologies, companies can create systems that respond and adapt faster to changes and new realities of business and markets, providing an eternally young code.

[genexus.com](https://genexus.com)

# Why choose **GeneXus?**

## **Agility in development**

Describe an application. Generate. Test. Iterate. An agile methodology is at the heart of GeneXus™ to prototype, adapt to change, and quickly reach production and evolve.

## **Automatic generation of databases and programs**

From the modeling of the desired system, GeneXus™ automatically creates the database, the application code, the user interface for the client and the necessary server-side services. End to End. It's not magic, it's the science of GeneXus™.

## **System integration**

With GeneXus™ you will be able to integrate your application with external systems, develop new functionalities, and deliver a solution that works with data from multiple sources.

## **Multi-Platform and Multi-Experience solution for real**

GeneXus™ generates native apps for every mobile device platform, as well as web apps that run smoothly on all browsers. Your backends are built and deployed on any cloud, on-premises or hybrid.

## **Legacy Systems Modernization**

Develop solutions with total security and under any authentication and authorization scheme. You don't need experts in obsolete languages or intensive manual and traditional programming. Your developers just need to learn GeneXus, and it's very easy.

## **Expanded DevOps**

Model software systems, so you can generate applications and systems that automatically evolve, responding quickly to changes.

## **We offer a Licensing Model per developer position**

Our business model does not focus on end users or number of applications generated.

# Super Powers with GeneXus

- ✦ We protect business knowledge from technological changes, adding new generators that cover emerging platforms, allowing solutions to evolve with agility.
- ✦ We create pure native code, optimized for each platform, from business and process knowledge.
- ✦ We innovate in the software creation process. We focus on what you want to do, not on how to program.
- ✦ We generate and deliver value in record time, as has never been seen in the software industry before.
- ✦ The learning curve for using GeneXus is minimal. Learn once, and generate for dozens of languages and technologies.
- ✦ Our applications can be deployed in any environment. The generated software runs on any cloud, on-premise or hybrid architecture.



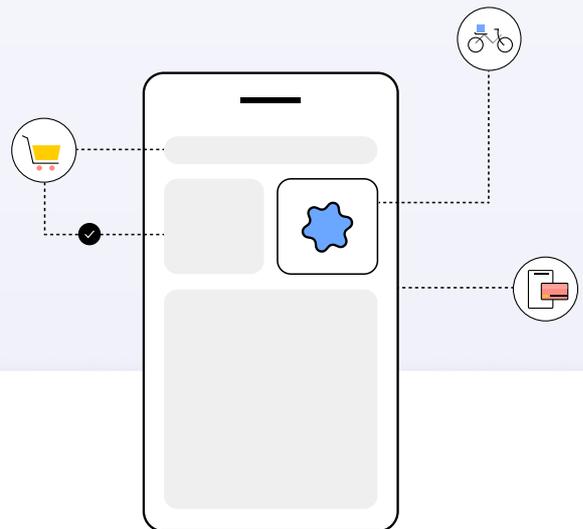
## GeneXus 18: The version that has it all

GeneXus 18 accompanies technological advances to provide the best experience in Web and Mobile platforms to companies, developers and end users.



## Super Apps and Mini Apps

- GeneXus is the first, and also the best, platform in the world that provides all the technology to create, model and deploy 100% of the Super App.
- Accelerate the growth of your solution by creating new business models, new experiences and new architectures.
- This technology will allow you to provide new and better experiences to users. With a Super App you will be able to cover infinite needs (through Mini Apps) without making multiple downloads, logins or payment method authentications.
- Develop Mini Apps and manage them from the new catalog called Mini App Center.
- Grow your business by developing Mini Apps for partners who have already implemented the payment and identity management system through their Super Apps, that's win-win!
- GeneXus has the necessary components to turn any existing native application into a Super App. There is no need to reprogram anything that is running.



## Total Experience

- Import designs from Sketch and Figma.
- Use the new graphical user interface controls, which give you more flexibility and more encapsulation power.
- Take advantage of the power and versatility of the first language for modeling Design Systems (Design System Object) and customize your designs in any way you want.
- Give coherence to all screens with the new Design System Unanimo.
- Dynamize your chatbot flows using scripted dynamic chatbots, which allow you to model flows at runtimes.
- Create modern apps for the latest technology on the frontend: Angular 14, iOS 14, Android 13.



## Knowledge Modeling

- Accelerate the evolution of your solutions by relying on the GeneXus Knowledge Base, the safest way to protect yourself from technological obsolescence.
- Pack a module containing APIs or an entire Design System and share it with other teams or the rest of the community. In this way, when you build a system you will be able to do so by composing modules that are already pre-designed and pre-generated.
- Discover an improved experience when importing designs, developing, testing, generating and deploying with the GeneXus 18 IDE, whether you are a novice or a specialist.
- Automatically manage dependencies between modules.
- Speed up prototyping cycles by using the new Launchpad to test your APIs directly from the GeneXus IDE.



## DevOps Automation

- Take advantage of updates to all the tools that will help you automate the lifecycle of your solutions:

### GeneXus Server

Help with team development, solution versioning and generation of the various production pipelines.

### GXtest

Model unit and user interface tests, and automate them in the production cycles, thus ensuring quality and safe evolution.

### MSBuild

For the automation of all steps. Using MSBuild tasks will allow you to build the continuous integration or continuous deployment flows you want, with the tools you want.

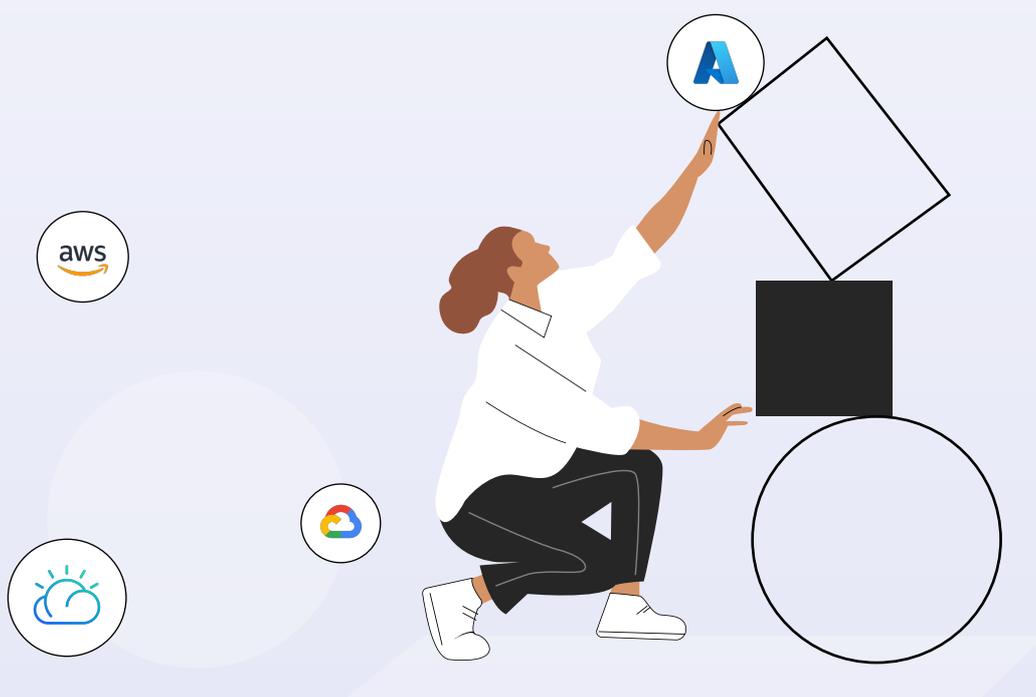
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**In addition to being able to easily integrate your solutions with Jenkins, you will now also be able to do so with Azure DevOps.**



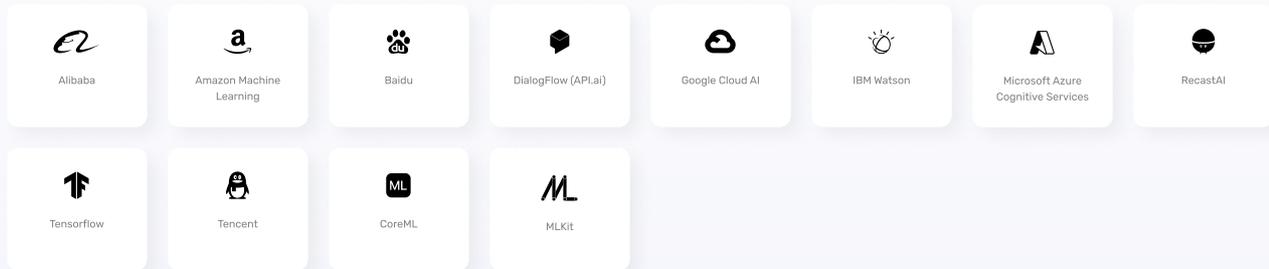
# Cloud Natives

- Take advantage of the cloud's potential by building modern, safe and highly scalable solutions.
- Benefit from cloud containerization and orchestration functionalities by deploying on Docker and Kubernetes.
- Run your applications on top cloud providers such as Amazon Web Services, Google, IBM Cloud®, Microsoft Azure, Oracle, among others.
- Generate your solutions for the latest .NET and Java technology.
- Use state-of-the-art technologies to compile and manage packages such as Nuget, Gradle and Maven.
- Infinitely scale using serverless services from Amazon Web Services and Microsoft Azure. They can develop and also deploy functions that are triggered through messaging and non-relational databases which give maximum flexibility at a good cost.
- Implement security, authentication and authorization settings for users and objects with the GeneXus Access Manager (GAM) module, which now also supports biometric and multi-factor authentication, providing more security to your solutions.

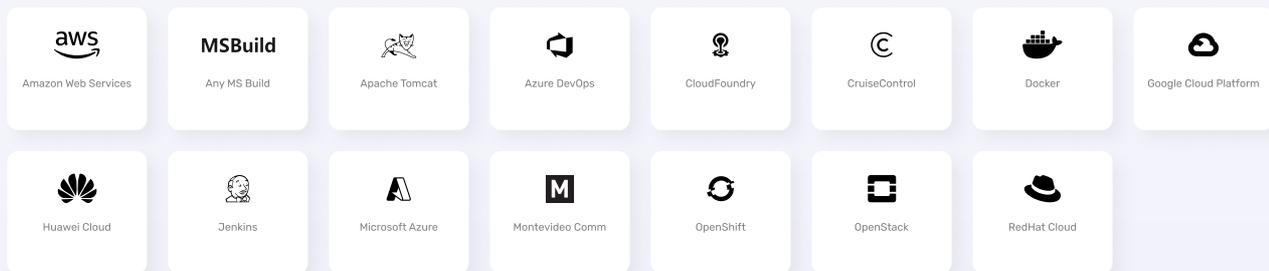


# Extend and integrate your systems

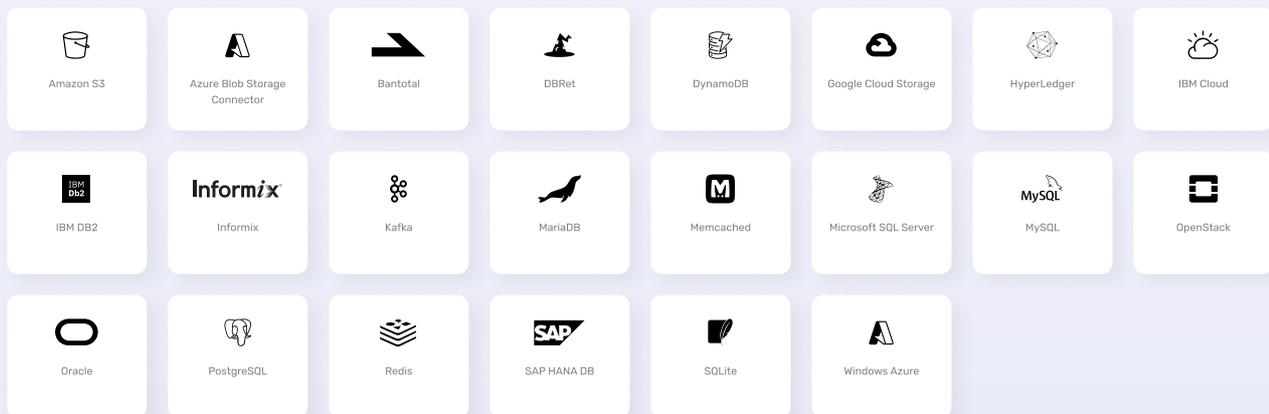
## Integrate to Machine Learning Providers:



## Integrate with DevOps Providers and Services:



## Integrate to existing Data and Database Providers:



## Integrate with Design tools:



## Integrate Security to your software solutions:

Open ID Connect	 Google	 Microsoft	 Okta	 Oracle	 IBM Cloud Identity
O Auth2.0	 Office 365	 Mercado Libre	 Instagram	 LinkedIn	 WeChat
SAML 2.0	 SAP	 Agesic	 Okta		
Native support	 Twitter	 Apple	 Google	 Facebook	 WeChat

## Integrate to External Services:

 .NET Assemblies	 Ali Pay	 Amazon IoT	 Google Analytics	 Java Class	 Json	 Mercado Pago	 OData
 OneSignal	 Open API	 Paypal	 Push Apple	 Push Google	 REST	 SAP Business API Hub	 SOAP
 Stripe	 WeChat Pay						

## Integrate to External Existing Systems:

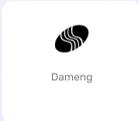
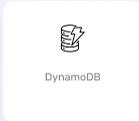
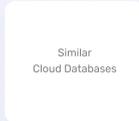
 Admob	 AutoNavi	 Baidu Maps	 ESRI	 Excel	 Google Docs	 Google Maps	 JDEdwards
 Jpush	 K2B Tools	 Microsoft Dynamics	 Microsoft Exchange	 MobFox	 Office 365	 SAP Business One	 SAP R/3
 SAP S/4Hana	 SmartAdServer						

# The best Code Generators in the world

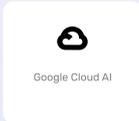
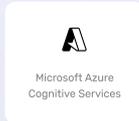
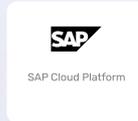
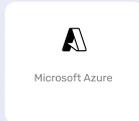
We generate and maintain all these languages automatically:

Native Mobile	 Java for Android	 Swift for iOS	 Kotlin for Android	
Web y Mobile	 HTML5	 CSS 3	 Javascript	 Angular
Backend	 Java	 .NET	 RPG/400 & Cobol/400	

We generate and maintain these databases automatically:

 MySQL	 Microsoft SQL Server	 Informix	 SAP HANA	 IBM DB2	 Oracle	 SQLite	 MariaDB
 PostgreSQL	 Dameng	 DynamoDB	 Similar Cloud Databases				

Simplified Deployment:

 Alibaba	 Baidu	 Google Cloud AI	 Microsoft Azure Cognitive Services	 Amazon Web Services	 SAP Cloud Platform	 Docker	 Aliyun Cloud
 CloudFoundry	 Google Cloud Platform	 Huawei Cloud	 Microsoft Azure	 Montevideo Comm			



GeneXus powered by Globant