

# GeneXus™

SIMPLIFY SOFTWARE DEVELOPMENT

THE LOW-CODE DEVELOPMENT PLATFORM THAT AUTOMATICALLY CREATES, MAINTAINS, INTEGRATES AND MODERNIZES SOFTWARE FOR THE REAL WORLD.

Download it for free and try it for 60 days

[GENEXUS.COM/TRIAL](https://GENEXUS.COM/TRIAL)



**“To simplify...**  
*That’s our paradigm and the reason we created GeneXus™. It’s the ultimate, low-code development solution- fast, agile, stable, and intuitive.*”

Nicolás Jodal  
CEO GeneXus

## ABOUT GENEXUS™

GeneXus™ is a Low-Code Development Suite that is revolutionising the software industry by facilitating rapid application development for multiple platforms from a single Model. GeneXus™ generates native applications for multiple platforms, optimises system performance, enhances efficiency and effectiveness of software development and generates future proof applications in a way that protects digital assets and simplifies adoption of new trends and technologies.

Over the last three decades, GeneXus™ has evolved to become a powerful platform for rapid application development, continuously incorporating ever-changing software development patterns and technologies. GeneXus™ generates Web applications for multiple platforms and native applications for iOS and Android.

GeneXus provides a drag and drop editor for user interface design and allows developers to specify business logic in a declarative language. A new developer can start using GeneXus to create cross-platform applications with only 40-hours of online training.

This enterprise-level, multi-platform development solution enables companies to leverage their development teams by automating superfluous tasks and simplifying the creation, as well as maintenance, of programs and databases. GeneXus™ captures developer's knowledge about business through its intuitive Integrated Development Environment (IDE) and utilises the latest advancements in Logic, Mathematics and Artificial Intelligence to automatically create and maintain applications and databases.

GeneXus supports sophisticated, drag and drop based user interface editor for both web and mobile applications. GeneXus' revolutionary Live Editing mode enables a developer to immediately visualise the changes to the user interface on multiple devices, optimising User Interface (UI) design processes. GeneXus also supports responsive web design for web applications, allowing a developer to specify custom web page layouts for multiple devices.

GeneXus™ is an agile, rapid, future-proof development tool, **trusted by over 130,000 corporate users** to power mission-critical, enterprise apps for **over 8,500 companies, worldwide.**

GeneXus is headquartered in Uruguay (South America), with offices in Brazil, Mexico, Japan and the United States. **Meeting surging demand from developers in more than 45 countries**, official GeneXus distributors are located throughout Africa, Asia, Europe, and the Americas.



“*GeneXus™ allows creating Web applications using the market's latest standards, as well as mobile applications that are native, integrated, eye-catching, secure and global, taking into account the patterns of each platform, browser and device size.*”

Gastón Milano  
CTO GeneXus

## GENEXUS™ UNIQUE APPROACH

The unique technological approach of GeneXus places business logic at the core of software development and focuses on business-technology alignment to uphold business objectives. Since GeneXus automatically performs most of the developer's tasks, development problems are reduced to ideas, user views and interactions to create a simple and technology-independent representation of the desired application.

GeneXus supports database refactoring and automatically models databases as per application requirements. GeneXus ERP Connector for SAP allows importing SAP BAPIs into GeneXus Projects (Knowledge Base) to leverage the best of both SAP and GeneXus.

GeneXus Cloud also provides a simple mechanism to deploy applications to cloud, facilitating one-click deployment to multiple cloud platforms.

In the realm of technology, there is only one constant: Change. GeneXus applications evolve through bi-monthly upgrades that incorporate latest trends and technological advances into existing GeneXus applications. GeneXus transforms applications into self-evolving software assets, enhancing the efficiency and effectiveness of software development.

Almost three decades of declarative development and automatic application generation experience support our vision:  
**There's no need to code.**

# GENEXUS™ KEY BENEFITS



**AGILITY.** GeneXus™ embraces agile processes of software development and maintenance: 1) Describe the application; 2) Generate it automatically; 3) Validate it with the users; 4) Repeat.



**CROSS-PLATFORM.** GeneXus™ generates and maintains native applications for several platforms and web applications compatible with all browsers including mobile browsers. GeneXus™ supports IBM, Apache and Windows servers.



**PRODUCTIVITY AND INNOVATION.** GeneXus™ simplifies the development and maintenance of all types of corporate applications and adapts to changes through regular upgrades, allowing organizations to focus on business logic.



**REDUCE COSTS.** Development teams creating apps for several platforms report at least a 12x increase in development speed in the development-test-implementation cycle.



**EASY LEARNING CURVE.** With GeneXus™ and only 40 hours of online training, a new developer can create applications for any platform. Costs are reduced and productivity is dramatically increased.



**OFFLINE APPLICATIONS.** GeneXus™ now generates offline mobile apps, capable of automatically synchronizing with a central server. You retain the ability to execute transactions in scenarios of limited or no internet connectivity.



**INTEGRATION AND MODERNIZATION.** Upgrade legacy systems (Cobol, Visual FoxPro, RPG, etc.), integrate with external systems (ESRI, JD Edwards, ORACLE, SAP, etc.), and implement new features.



**RESPONSIVE, SMOOTH WEB.** Enhanced flexibility and improved user experience summarize our numerous upgrades for web application development.



**SMASHING USER EXPERIENCE.** Improvements to the GeneXus SD generator make it easy to deliver on high UX/UI requirements for both Android and iOS (iPhone, iPad) apps.



**INCREASED SECURITY.** With GeneXus™ Access Manager, you can generate a single and secure login scheme for the entire software system, or provide login features through a third-party authentication services (such as Twitter and Facebook).



**TESTING IN THE CLOUD.** Easy prototyping in the cloud allows your team to access and test the app on any device from any place without emulators.



**FUTURE PROOF.** GeneXus™ has continuously evolved for a quarter of a century, incorporating latest trends and technological advancements. More than 80% of the applications created with GeneXus™ in the last 25 years are still being used.

## ALLIANCES



## FEATURED CLIENTS



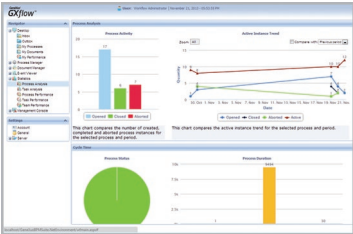
# GENEXUS™ SUITE

Generate enterprise, multi-platform applications with GeneXus™, the most comprehensive solution for developing enterprise software.

**BUSINESS PROCESS MANAGEMENT**

**GeneXus™  
GXflow™**

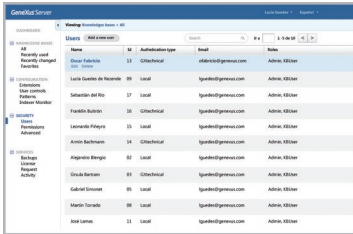
Model, automate, manage and optimize your business processes.



**COLLABORATION AND VERSIONING**

**GeneXus™  
Server**

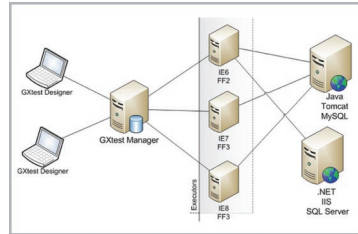
Coordinate your team's activity in developing GeneXus applications.



**TESTING AND QUALITY ASSURANCE**

**GXtest™**

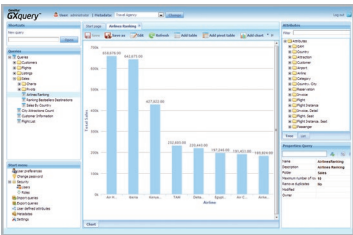
Automatize functional tests in GeneXus applications.



**REPORTING AND ANALYSIS**

**GeneXus™  
GXquery™**


Create reports from operational databases.



**CORPORATE WEBSITES**

**GeneXus™  
GXportal™**

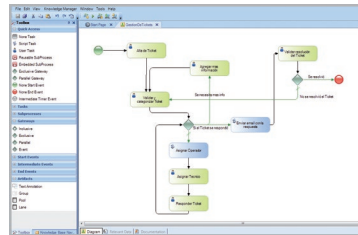
Build and host dynamic websites nimbly, at a lower cost.



**PROCESS MODELER**

**GeneXus™  
GXbpm**

Quickly optimize your business processes by using graphic models.



# GENERATORS

**MOBILE DEVICES**




Mobile & Smart Devices Generator

**DESKTOP & WEB**



Java & .NET

**LEGACY**

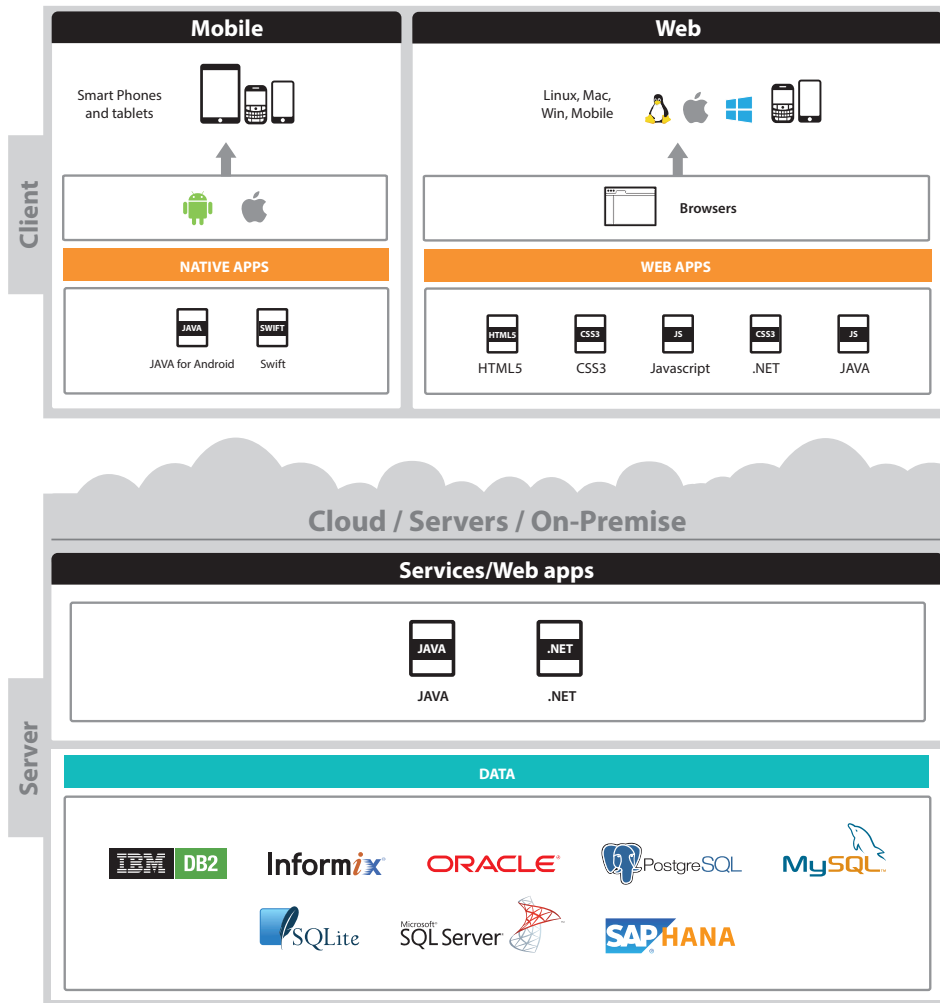


**RPG**

RPG - Cobol Generator  
Visual FoxPro

# SUPPORTED TECHNOLOGIES

GeneXus™ is the development platform that creates applications for the Web, Windows, mobile devices and legacy platforms, automatically generating and connecting all the required features, services and databases. GeneXus™ generates native code in the desired language as per the best practices of software architecture for both the client side and the server side modules of the applications, optimising system performance and simultaneously ensuring high productivity.



## GENEXUS™ APPS RUN ON:

- Android & iOS
- IBM, Linux, UNIX, Windows NT, 2000, XP, 7, 8
- Amazon Web Services, Windows Azure, SAP HCP
- Any Browser, every platform

## GENEXUS™ GENERATES CODE IN:

- Java for Android, Swift for iOS, WinJS, HTML5 & CSS 3 for Windows 8
- Java & .Net
- HTML 5, CSS3 & Javascript

## DATABASES WE CREATE AND WORK WITH:

- IBM DB2
- Microsoft SQL Server
- PostgreSQL
- DB2 for iSeries - System i
- MySQL
- SQL Server CE
- Informix
- Oracle
- SQL Lite
- Maria DB
- SAP HANA DB

## GENEXUS™ ALSO GENERATES AND SUPPORTS APPS IN:

- Legacy Languages:**
  - COBOL & RPG for iSeries
  - Visual FoxPro
- Legacy Databases:**
  - DFB for Visual FoxPro

# CONTACT US!

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