

# OpenText Gupta Team Developer 7.3

Agile, low-code, high-value desktop software development



**Responsive layout** for high and ultra-high-resolution displays



**In-depth code analysis**



**Modernized email API**



**New APIs to modernize applications**

**Organizations are under constant pressure to deliver better results with fewer resources. This is true in software development, software products, new versions and development projects, which need to be delivered quickly to stay ahead of the competition and keep costs low.**

The extreme productivity of OpenText™ Gupta Team Developer helps users build software projects quicker than with other development languages to deliver solutions faster than the competition. Gupta Team Developer increases an organization's chances of winning a project bid and delivering on time and within budget.

## **Responsive layout for high and ultra-high-resolution displays**

Screen sizes and resolutions are growing quickly, as users start to have UHD 4K displays, for example. Applications should be able to adapt to these new screen sizes and users should be able to resize their application windows and increase the amount of information they can view. With Gupta Team Developer 7.3, developers control how application windows and their contents behave when the user increases or decreases the window size. Gupta Team Developer windows can now be set to enable control anchoring and controls have anchoring properties that allow developers to define their horizontal and vertical resizing behavior.

## **In-depth code analysis**

Gupta Team Developer 7.3 enhances code analytics in multiple ways. The profile viewer is now tabbed and displays a grid tree of code lines and their execution times. A details tab shows every single line of code and a summary tab shows summary values. Every column of the grid can be sorted and filters can be applied per column. Developers can insert annotations into the code profile. These are useful to indicate code positions or display debug messages. Using tags, developers can define a custom start and end point and see the time it took to execute from start to end of the tag. The start and end entry can contain a custom message.

Global audiology company powers its hospital software solutions with OpenText™ Gupta SQLBase and OpenText™ Gupta Team Developer for agile development, automated deployment, configuration and maintenance.

***“It’s important that there’s a close relationship between the development platform and the database. We still have some functionalities in our codes that were developed in the early versions—it’s 20-year-old code that still exists and works.”***

**Mark Crawshaw**  
Product Manager  
Auditdata

[Read the full Success story](#)

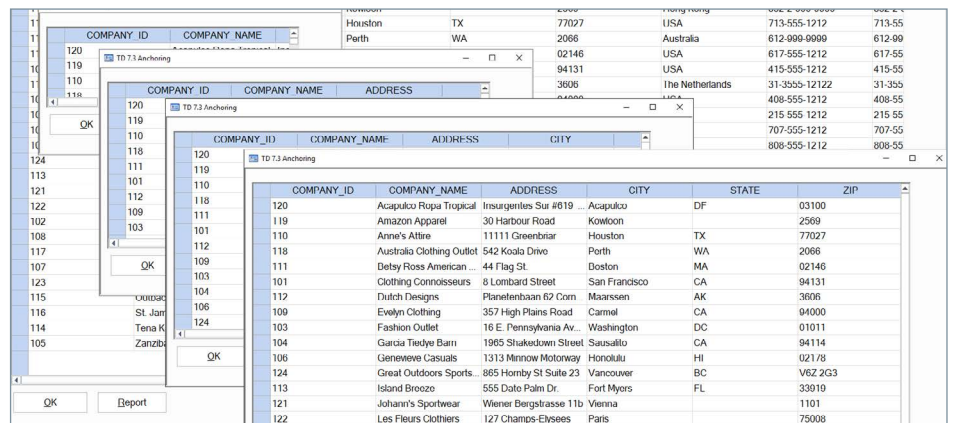
## New APIs to modernize applications

Application requirements are constantly changing due to new technologies, security requirements and legislative regulations. Gupta Team Developer 7.3 introduces many new APIs that help developers keep current with new application requirements.

- Verify values without having stored the original comparison value, for example for passwords, which is required for GDPR compliance
- Low-code XML serialize and deserialize for quick conversion of XML strings into UDV's and vice versa
- A new API to save the state of a navigation bar to variables and a function to set the state of a navigation bar to a state defined by variables
- A way for .NET applications to execute runtime generated application code.

Gupta Team Developer is a complete solution that includes everything necessary to build .NET and Win32/Win64 desktop business applications, including a powerful IDE (Gupta SQLWindows), a comprehensive UX assembly kit, intelligent connectivity to databases and services, a database for development and testing, a reporting tool and a team and source management solution. It accelerates software development so organizations can do more with fewer resources. Users can deliver more software projects than their competition in less time, at a lower cost, helping them win new projects.

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OpenText Gupta Team Developer 7.3 control anchoring enables resizable screen contents

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## New in Team Developer 7.3

<b>Control anchoring</b>	Anchoring for windows can be set horizontally and vertically to achieve window content resizing
<b>Grid/table enhancement</b>	New message SAM_ColumnHeaderClick for coding column-specific header click actions
<b>Improved code profiling</b>	New grid-tree interface for easy sorting and filtering by execution time and hit count New functions for including developer set annotations and code group analysis
<b>Updated SalMail API</b>	Now supports TLS 1.2 encryption and OAuth for connecting to email providers
<b>IDE enhancements</b>	Overloaded functions now show microhelp in Active Coding Assistant and outline
<b>Write to debug console</b>	New function SalTraceDebug() to write to the TD output window while debugging
<b>New hash function</b>	SalStrHash creates a hash value enable value verification without storing the value itself
<b>CDK function for UTF8 save</b>	New function CdkSetUTF8Option() enables/disables saving the outline in UTF 8 format
<b>Autohide for docked dialogs</b>	New function to get/set autohide status of docked dialogs
<b>XML serialize for strings</b>	New functions to serialize/deserialize XML strings into/from UDVs
<b>Navigation bar status to and from variables</b>	Save and load the navigation bar status to and from variables
<b>Compile and execute .NET code at runtime</b>	SalNetCompileAndEvaluate() can now call all Sal functions, allowing to dynamically create code at application runtime
<b>Child window with menu bar</b>	A child window created on a container form can now have its menu bar enabled
<b>Rich text control enhancement</b>	Rich text controls can now be queried if they have been edited