

PRODUCT OVERVIEW

OpenText Gupta TD Mobile 2.3

Offers cross platform, low code mobile and web app development



Improves
developer
productivity



Enhances
usability



Offers
new APIs



Includes **new**
reporting
fortifications

Software development is costly and time consuming.

Writing separate code for Android, iOS and web platforms adds additional cost.

OpenText™ Gupta TD Mobile 2.3 enables low-code and cross-platform app development to ensure a low project cost, allowing users to deliver more with less. Higher developer productivity translates into higher value for businesses, now more likely to win development projects and increase profitability.

Improves developer productivity

Ensures high productivity with global constants and binds, application-wide events and runtime access to connection strings. Global constants can be accessed from every page of the app, eliminating the need for local page level constants. Global binds can also be accessed from every page of the app and enable shopping cart functionality or other multipage data collection processes. Application-wide events give developers a tool to execute code when the app starts and ends. Finally, connection strings can now be updated during runtime, making low code database access more flexible.

Enhances usability

Web browsers and mobile devices lack proper date and time input options. The new date and date-time picker control allows for intuitive user input and ensures ease of use.

Available Services

OpenText™ Consulting Services

OpenText™ Learning Services

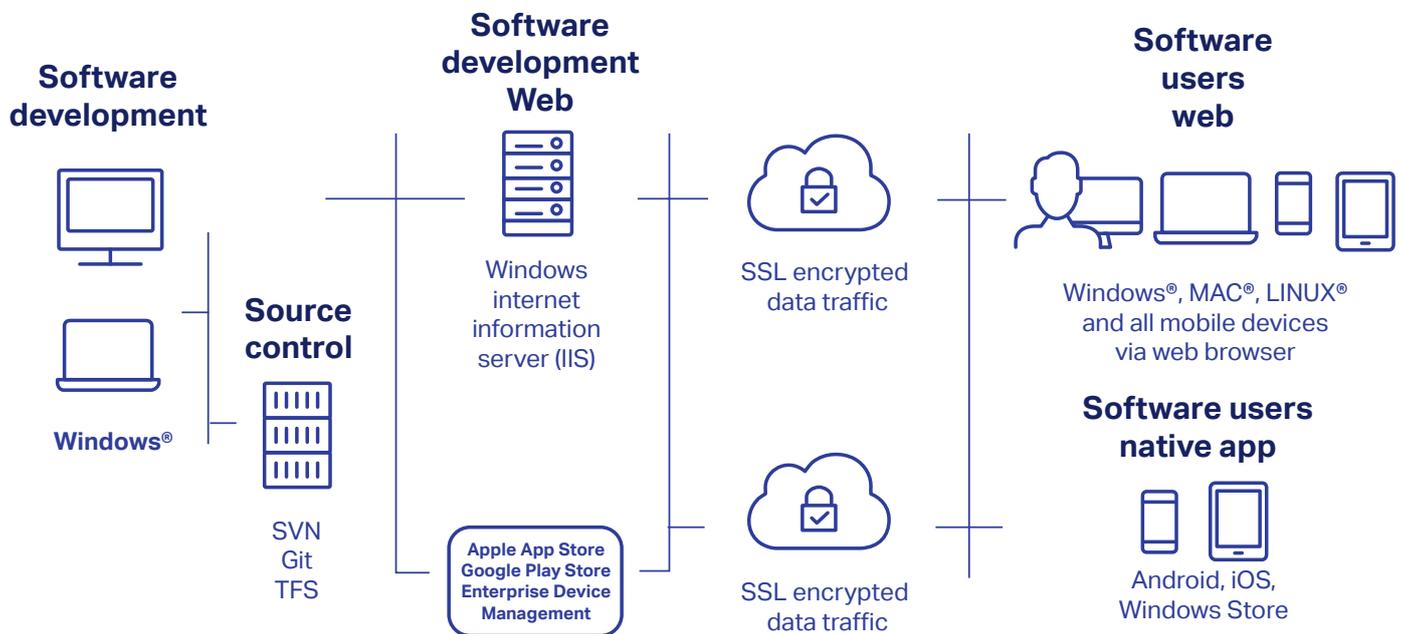
Offers new APIs

New APIs enhance the encryption and string search capabilities of Gupta TD Mobile 2.3, and a AES-based encrypt and decrypt function has been added. The new Regular Expression string search API provides powerful new search and replace capabilities for strings. For example, users can ensure that an entered value, such as an email address, is in the correct format.

Includes new reporting fortifications

The solution's Report Designer includes several new fortifications, such as watermark support, conditional formatting, image scaling and text line wrapping. With PDF reports, watermarks can be either text- or image-based. The data source can be an image file, report variable or input item. The new conditional formatting feature is available for all report objects, lines, fields, text and images. Images can now be sized in multiple ways and set to size to fit, size for best fit and size via a percent value. Text fields have a property for line wrapping, allowing text to flow across multiple lines.

With Gupta TD Mobile, developers can create native-hybrid mobile apps for multiple platforms, including Android and iOS, using a single line of source code. Unlike native development, there is no need for a dedicated specialist for each platform. As a result, it provides huge savings for mobile business app development. Using the HTML5 and JavaScript client technology, apps can be deployed as browser-based web applications, giving app development a much broader user reach.



OpenText Gupta TD Mobile architecture—from software development to native app and web deployment

What's new	Description
Global constants and binding	Define constants and binding in a single place for use across the app
App-wide events	Execute code when the app starts and ends
Programmable connection strings	Update database connection strings at runtime for more connection flexibility
Web offline mode	Supports new HTML5 service workers and previous application cache model
Date and date-time selection	Provide intuitive date and date-time selection
Encryption API	Encrypt and decrypt strings using AES encryption technology
API for string search and replace	Search and replace string values, such as complex input validation, using powerful Regular Expressions
Watermarks in reports	Use image and/or text watermarks in PDF reports
Conditional formatting in reports	Display report objects based on a condition for advanced formatting
Line wrap in reports	Permit text fields to flow over multiple lines in Report Designer

Features	Description
Single source code	Build a single application once that can run on all mobile devices, including smartphones, phablets and tablets
Automatic database access	Data connections pull data from a back-end data source, such as a relational database or a NoSQL database, e.g., MongoDB
Easily bind screen objects to data sources	Tie data to the GUI components in a mobile enterprise app
Visual page design	Drag objects from the ribbon bar for easy design
Device features	Leverage current GPS position, photos and videos, sending and receiving notifications, accelerometer, phone links, SMS links, email and map links, etc.
Event actions	Automate high-level commands commonly required on the client side, eliminating JavaScript code
Publish native or mobile web apps	Build native iOS, Android, Windows Phone and BlackBerry apps from the same source code
Offline mode apps	Leverage multi-page offline mode for areas without network reception

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Features	Description
Location-based queries	Run database queries, such as “Return all restaurants that are within one mile,” and display them in a list or on a map
Report Designer	Design HTML or PDF reports with powerful reporting features, such as formulas, multiple break groups and easy formatting
Source control	Integrates with SubVersion, Git and Team Foundation Server (via Git interface TFS 2013 and higher)
Global JavaScript functions	Allows users to code JavaScript functions and call them from any page of the app
User-defined events	Enables users to code reusable code sections that can be triggered from any code section of the page
If/Elseif expressions	Provide more complex If and Elseif expressions in JavaScript to test for complex conditions
Limit/skip data operations	Allows users to define the data window of the query result set and use database features to quickly retrieve the requested data