**opentext**™

**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.
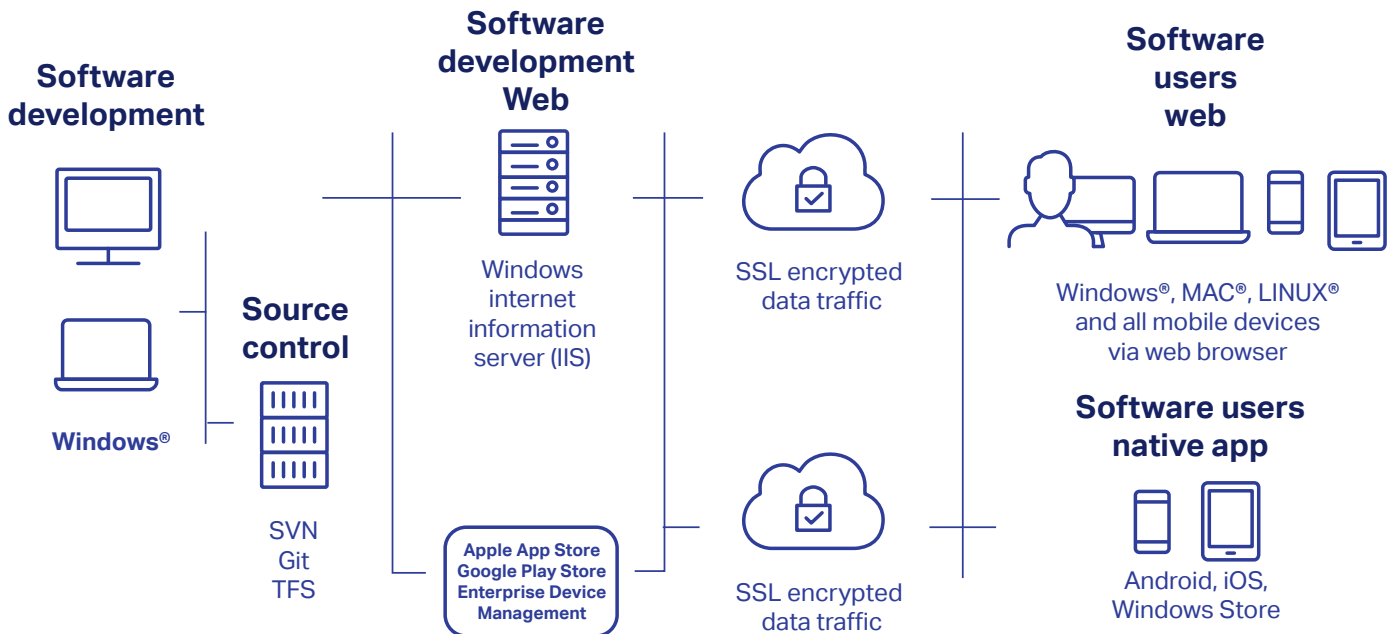
# opentext™

## 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.

**Software development**

**Software development Web**

**Software users web**

Windows®

**Source control**

Windows internet information server (IIS)

SSL encrypted data traffic

Windows®, MAC®, LINUX® and all mobile devices via web browser

SVN
Git
TFS

**Apple App Store Google Play Store Enterprise Device Management**

**Software users native app**

SSL encrypted data traffic

Android, iOS, Windows Store

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

# opentext™

| 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 |
| 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 |

# opentext™

| | |
|---|---|
| **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 |

**opentext.com/contact**   Twitter | LinkedIn