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OpenText Gupta Products

Today and Tomorrow

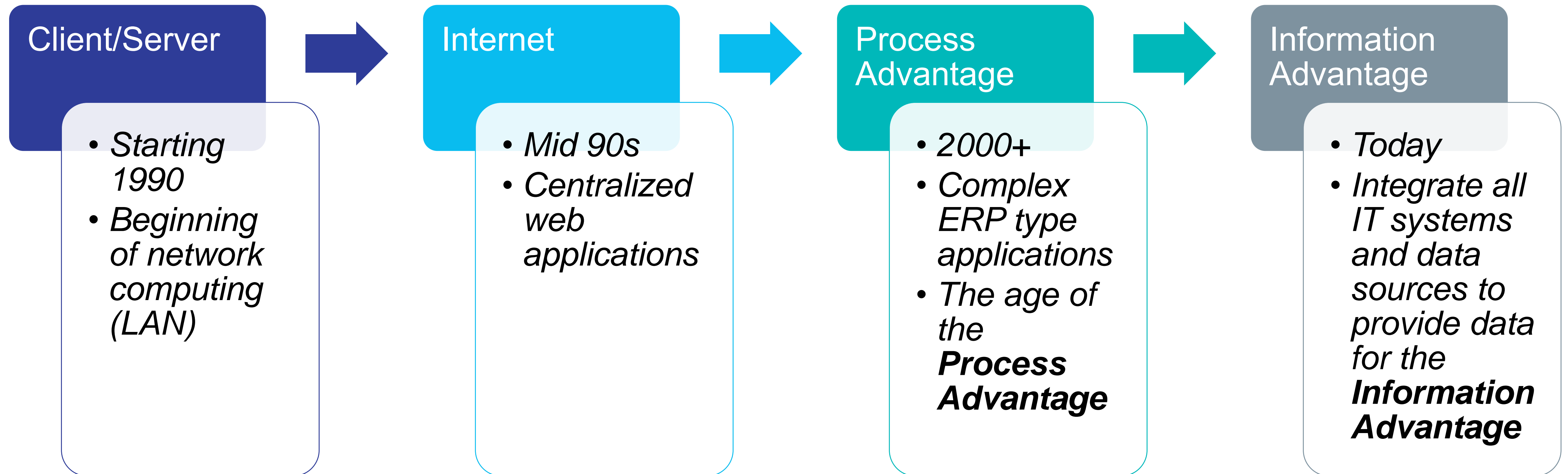November 2019, Martin Teetz

Gupta Products Agenda

- OpenText – the Information Advantage

- Where we are today
  - Low #TCO embeddable **#SQL #database**
  - #Agile #lowcode **#web and #mobile #softwaredevelopment**
  - #Agile #lowcode **desktop #softwaredevelopment**

- Where we will be tomorrow
  - Continuing to provide high value for **#TeamDeveloper, #TDMobile and #SQLBase**
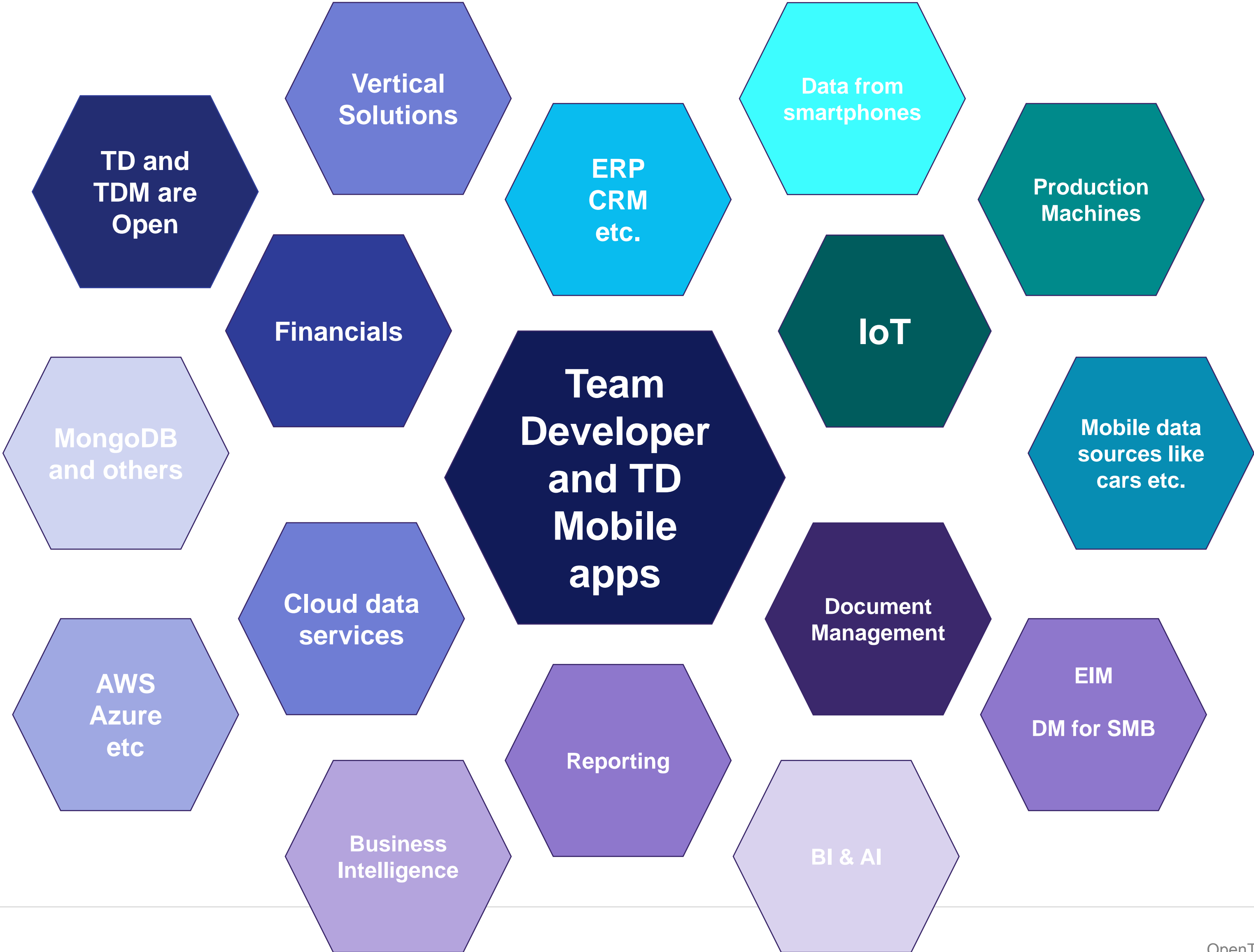
OpenText – the Information Advantage

#highvalue #software #SQLBase, #TDMobile, #TeamDeveloper

The Digital Evolution

Client/Server
- *Starting 1990*
- *Beginning of network computing (LAN)*

Internet
- *Mid 90s*
- *Centralized web applications*

Process Advantage
- *2000+*
- *Complex ERP type applications*
- *The age of the* **Process Advantage**

Information Advantage
- *Today*
- *Integrate all IT systems and data sources to provide data for the* **Information Advantage**

OpenText Information Advantage

OpenText Products for SQLBase, Team Developer and TD Mobile

Brava! Desktop IXL

API for PDF A1-b/A2-b/E generation

eDOCS

Document Management for SMB

Business Intelligence
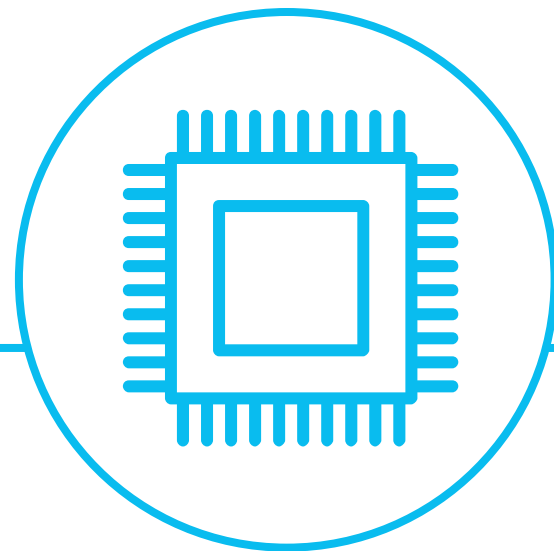
Multi-source Business Intelligence

Magellan Artificial Intelligence

Enterprise Reporting and AI

Where we are today

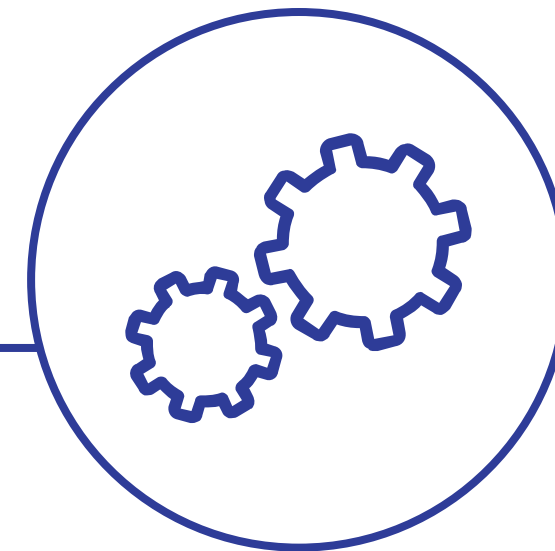#highvalue #software #SQLBase, #TDMobile, #TeamDeveloper

#SQLBase 12 - Low #TCO embeddable #SQL #database

Multithreading Performance

- Higher scalability through multithreading
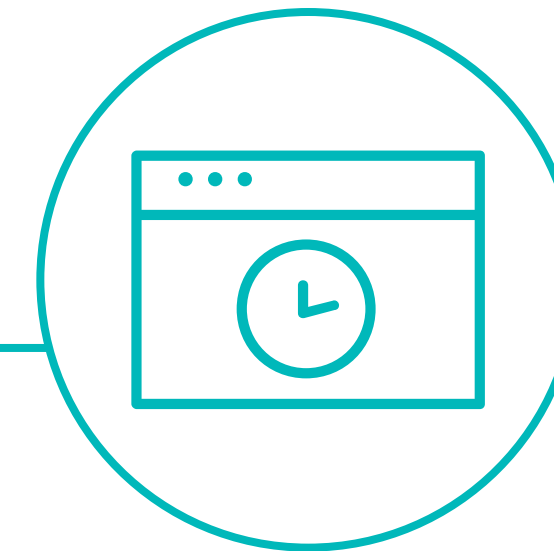- Performance enhancements through operating system multithreading

SQLBase 12.0

Automatic Database Upgrades

- Maintenance automation
- Modern DBA tool
- SQL language and function additions
- Automated upgrading of databases from SQLBase 9.x

SQLBase 12.1

New Administration Tool

- SQLTalk Plus enhancements
- SQL language and function additions
- .NET Core database driver

SQLBase 12.2

SQLBase 12.2

- **SQLTalk Plus fortifications**
- Windows Task Scheduling
- Database auditing
- Server, database and user statistics
- **SQL language and functions**
- Ifbool function
- Is string numeric function
- Select with limit and offset
- **.NET Core database driver**
- **And more**

#TDMobile 2 - #agile #lowcode #web and #mobile #softwaredevelopment
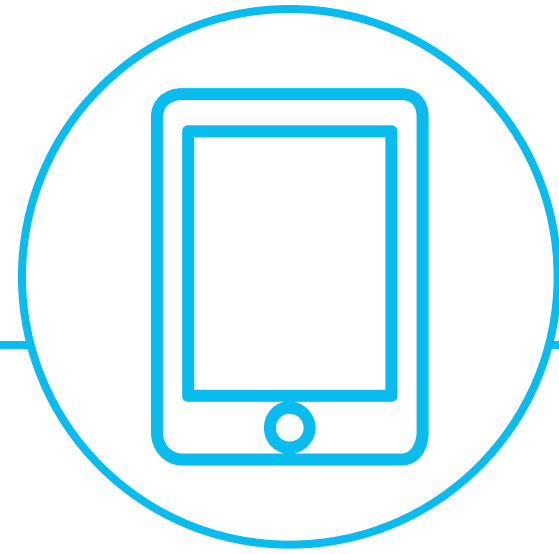
Hybrid Native Mobile

- Compile apps to hybrid native
- Support device features like barcode scanning, notifications, SQLite access etc.
- UX dialogs

TD Mobile 2.0

Editable Table – Many UX Features

- Editable tables
- New range slider control
- Conditional color formatting
- Many new events
- REST API

TD Mobile 2.1

Source Control

- Source control
- Re-usable JavaSript
- Re-usable client code
- Limit & skip for data operations

TD Mobile 2.2

Programming and UX Enhancements

- Programming enrichments
- New date/time picker
- Reporting fortifications
- Many new APIs

TD Mobile 2.3

TD Mobile 2.3

- **Programming enrichments**
  - Global constants, global binds
  - Dynamic connection strings
  - Application wide events
  - REST header and URL parameter support
  - New string encryption API
  - Regex search and replace
- **New date/time picker**
- **Reporting fortifications**
  - Watermarks
  - Conditional formatting
- **And more**

entext™ | Gupta TD Mobile 2.3

Powerful new mobile reporting features

upta TD Mobile 2.3

, high usability UX bile app creation

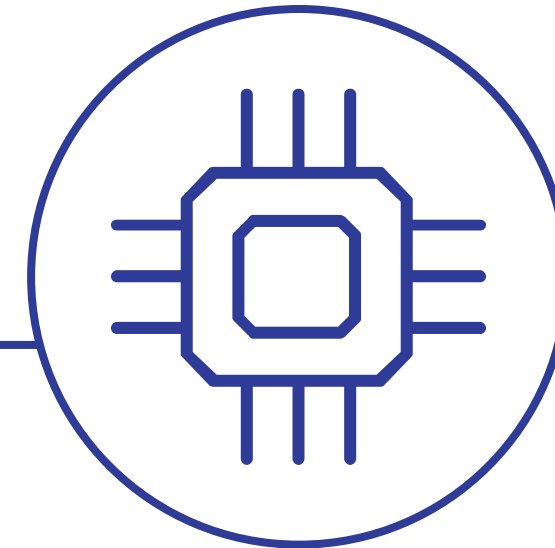a TD Mobile 2.3

cient, low code p development

#TeamDeveloper 7 - #agile #lowcode desktop #softwaredevelopment

64

32-bit and 64-bit Applications

- 32-bit and 64-bit application development and deployment
- REST API
- Grid filtering
- New status bar for window objects

Team Developer 7.0

Multithreading – Source Control

- Source control
- Application multithreading
- Custom theme
- .NET WPF controls for Win32 and Win64
- ACA microhelp for internal, external and user functions

Team Developer 7.1

Code Profiling – Low Code REST

- Code profiling
- Low code REST wizard
- Many new APIs
- New modern theme
- Report Designer enhancements

Team Developer 7.2

Team Developer 7.2

- **Code profiling**
- **Low code REST wizard**
- **Many new APIs**
  - Windows notifications
  - REST header and URL parameter support
  - New string encryption API
  - Regex search and replace
- **New Office 2016 theme**
- **Report Designer enhancements**

Where we will be tomorrow

#highvalue #software #SQLBase, #TDMobile, #TeamDeveloper

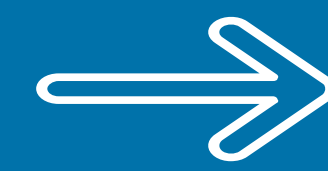# SQLBase Roadmap

Gupta SQLBase 12.2
released July 2019

Enhanced SQLTalk Plus for easy server and user administration
- Database auditing
- Scheduled tasks via Windows scheduler
- Simple access to server, database and user statistics and related actions

SQL language enhancements

NET Core Database Driver

New server console

Gupta SQLBase 12.3 Q2 2020

Security enhancements
- Set password strength rules
- Data protection audit

Developer and query features
- Support for the .NET Entity framework
- Reverse order @scan/@find

SQLTalk Plus enhancements
- Visual editors for creating users and roles in SQLTalk Plus
- Scripting for insert commands

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TD Mobile Roadmap

Gupta TD Mobile 2.3
released June 2019
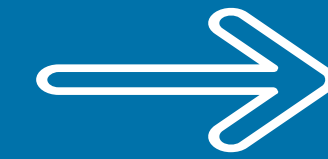
Productivity and programming enhancements
- Update offline mechanism to new HTML5 "service worker API"
- Global binds, global client side constants
- Get/set connection string for data class
- Application wide events

UX enhancements
- New date/time picker control

Reporting enhancements
- Watermarks in reports
- Conditional formatting in reports

Gupta TD Mobile 2.4 Q1 2020

Reporting enhancements
- Business charts in Report Designer reports
- Page break for Report Designer reports

Date picker enhancements
- Display calendar week
- Array binding to load/read multiple selected dates
- Set week start day

Customer requested features

Team Developer Roadmap

Gupta Team Developer
7.2 September 2019

Code analytics

REST enhancements
- Low code REST, generate UDVs from URL or JSON
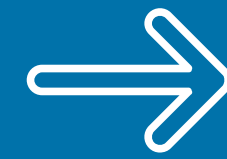- Improved REST security for OAuth etc.

IDE features
- Debug with app parameters
- Save files as UTF8

Programming features
- Windows notifications
- String search & replace with regular expressions
- Dynamic connection strings
- New string encryption API based on AES 256

Report Designer in Report Builder

Gupta Team Developer
7.3 Q1 2020

UX control anchoring
- Anchoring of controls to support control resizing in relation to the container size

Enhanced code profiling
- Grid view of results for easy sorting by execution time or hit count
- Add custom profile points
- Runtime errors to profile

SalMail security updates
- TLS 1.2 support etc.

Gupta Team Developer
7.4 TBD

TD apps Windows store ready

Source control enhancements
- Branching

Report Builder
- Conditional display for pictures
- New zoom levels for preview

Customer requested features

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TD Window Resizing/Scaling

- **Two scenarios**
- I want to increase the window size to see the font size increase for better readability
  - Mostly requested for UHD displays
  - This is done via Windows scaling settings

- I want to increase the window size to see more content
  - This is done via control anchoring
  - Behavior like Microsoft Outlook for example
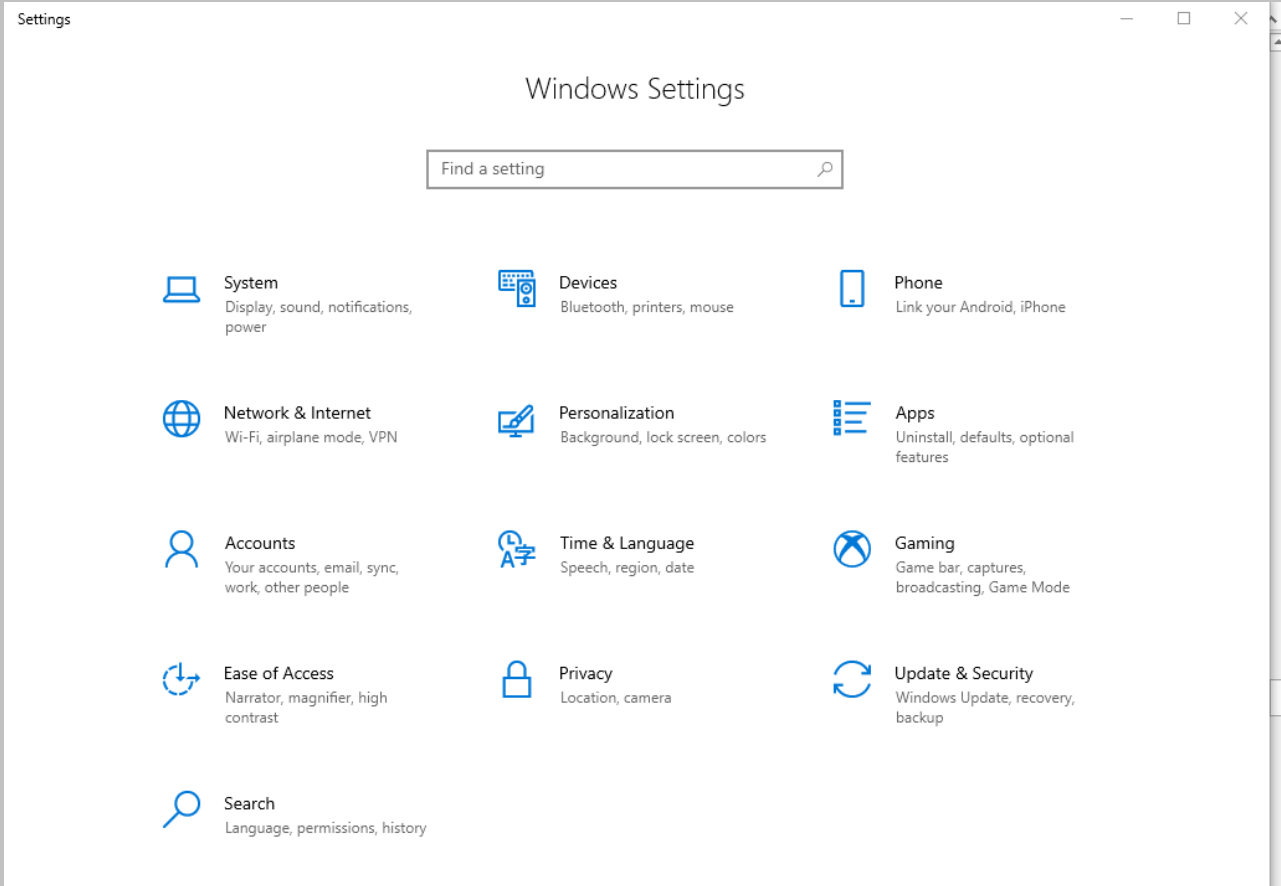
Anchoring Enabled	Yes
Vertical Anchor	Top
Horizontal Anchor	Left
Minimum Width	5.0"
Minimum Height	2.0"

Team Developer and UHD Displays – Increase Font Size

- TD Window font scaling depends on Windows Scale and Layout settings
- It is all automatic
  - From TD 7.0.6, TD 7.1 and later
- **If you are using TrueType fonts**
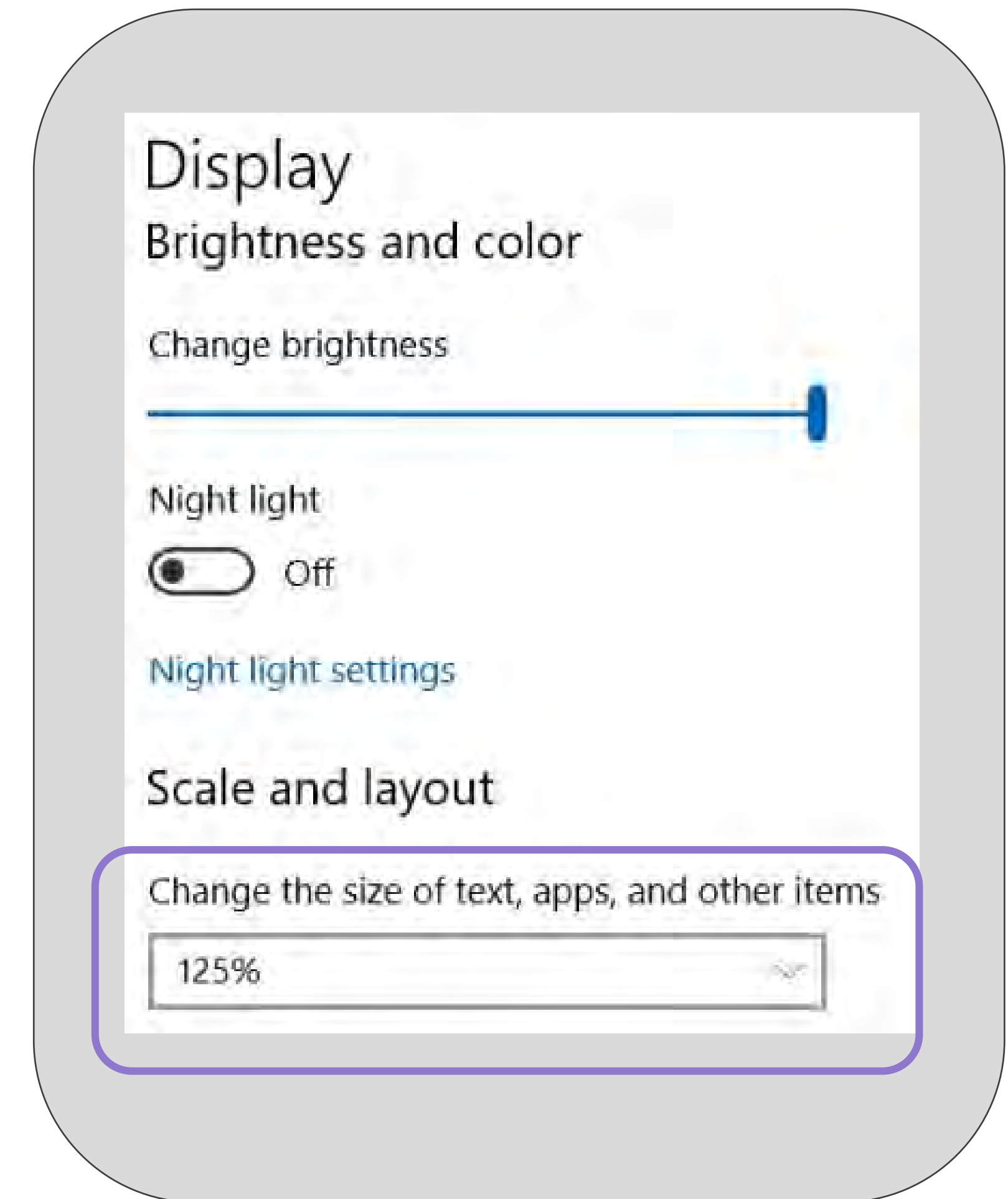
Team Developer and UHD Displays Details

- Older TD versions did use a non-True Type system font

- This will create scaling issues on UHD displays

- Applications ported from older TD versions likely have a non-True Type font setting

- Change your applications to use True Type fonts

- TD 7.1 and later are using Microsoft Sans Serif True Type as the TD default font

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Hints For Older Or Non-True Type Applications

- Right mouse-click on .exe file

- Select „Compatibility" tab

- Press „Change high DPI settings"

- Select „High DPI scaling override"

- Set listbox to „System"
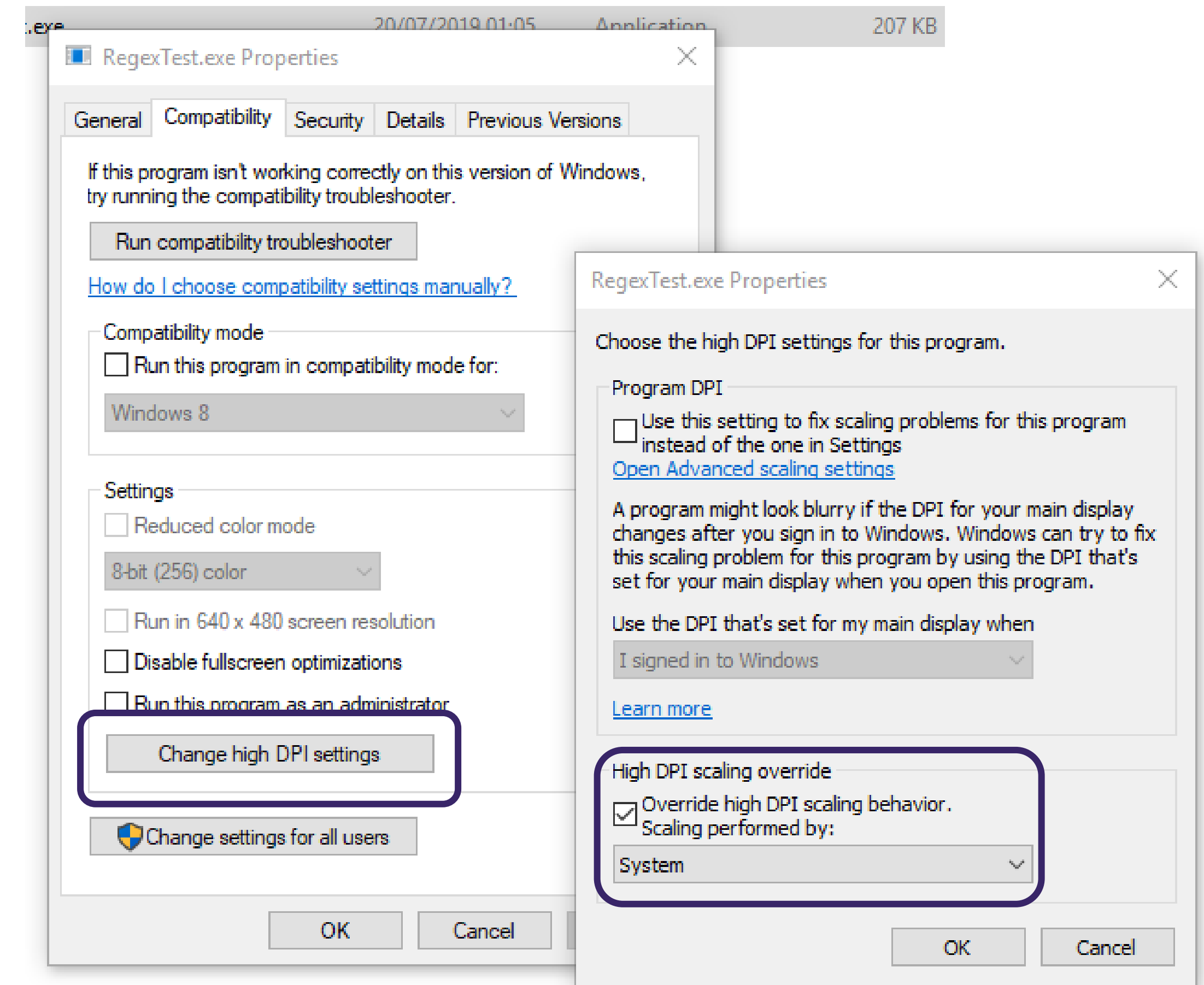
Demo TD 7.3 Control Anchoring

Questions and Answers

- SQLBase
- TD Mobile
- Team Developer

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Thank you

🐦 #agile #lowcode #softwaredevelopment
#TDMobile #TeamDeveloper #dotnet #WEB #android #ios

in Low #TCO embeddable #SQL #database
#SQLBase

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