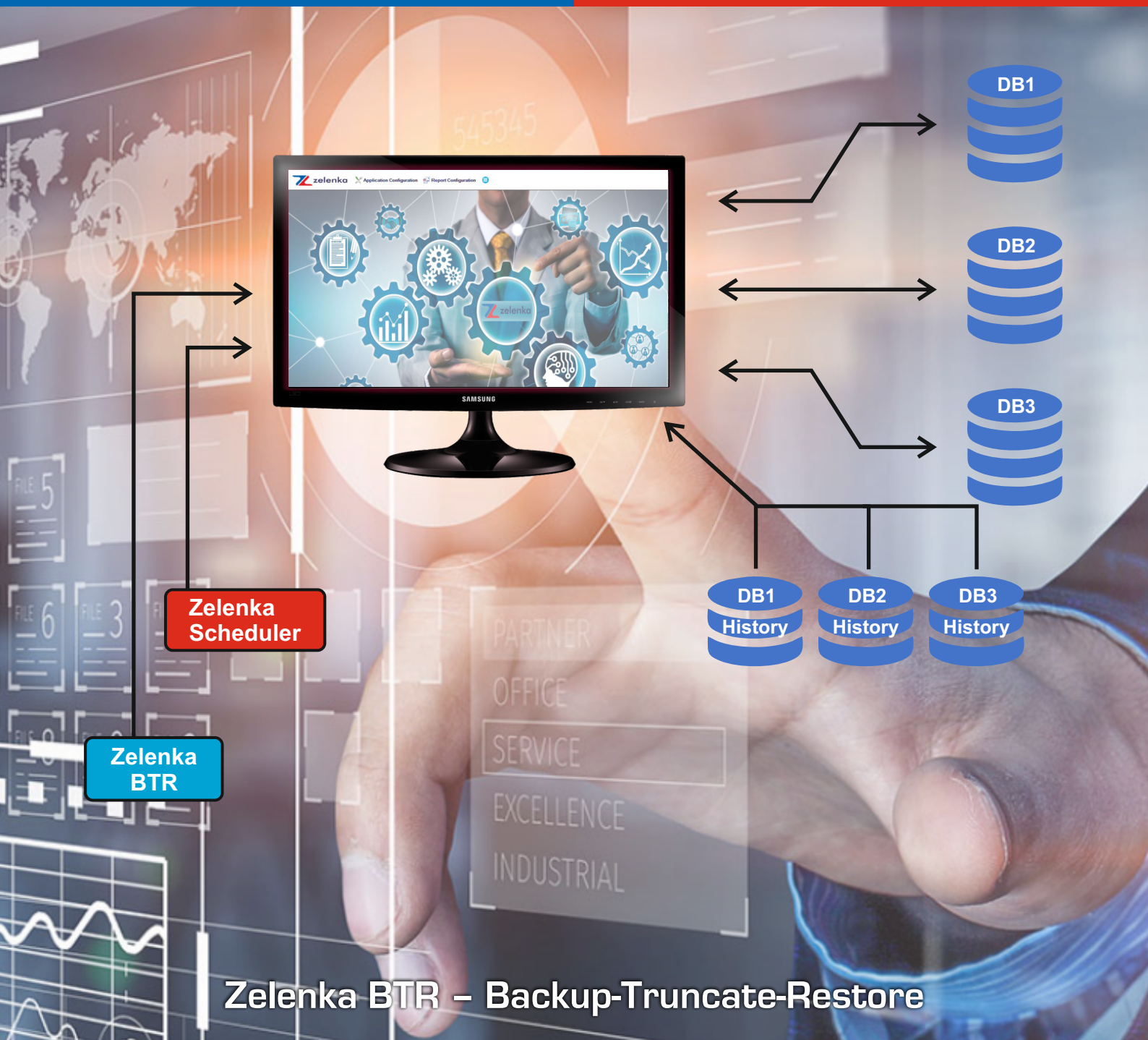


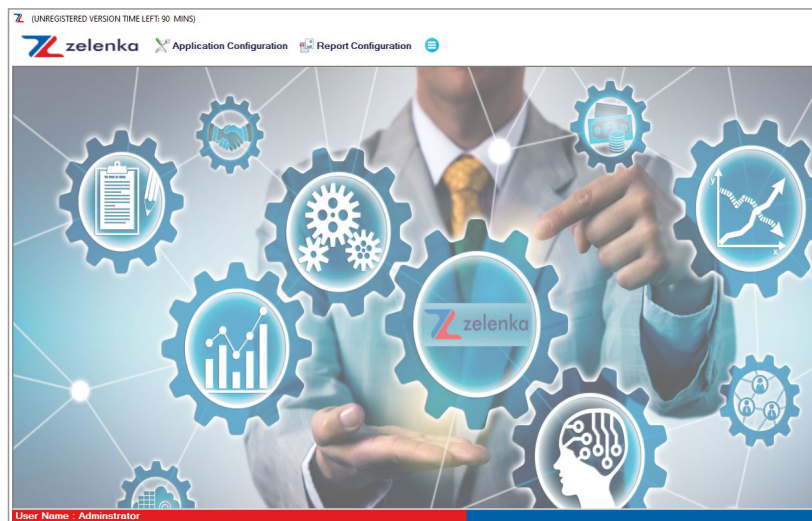
# zelenka<sup>®</sup> BTR Application



Zelenka BTR – Backup-Truncate-Restore

## Introduction of Zelenka Backup – Truncate – Restore (BTR) Application:

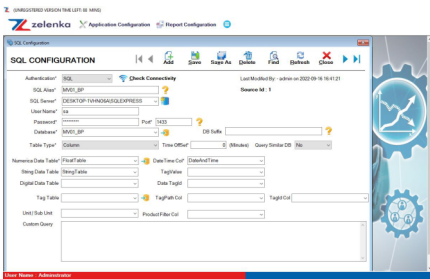
Zelenka BTR is an Application to Backup & Truncate Multiple MS SQL Databases in an Auto Mode. Database Restore Utility is also given. Main Purpose of this Application is in Industrial Environment where SCADA generates so many Databases in MS SQL Server to Log Process Data, Client always wants an Auto Utility which will take care of the Scheduled Backups. Also, due to Size Limitations of SQL Express Server Edition, Users wants to Truncate the Data from Database post taking Backup of the same. This is an Auto Scheduler based Application which is One Time Configurable and then will work for Months and Years to come. Zelenka BTR has Daily, Weekly, Monthly and Yearly Options for Backup and Truncate which are configurable. This Application is very critical for Scheduling Backup and Truncate Tasks with Schedules for Multiple Databases.



### Salient Features:

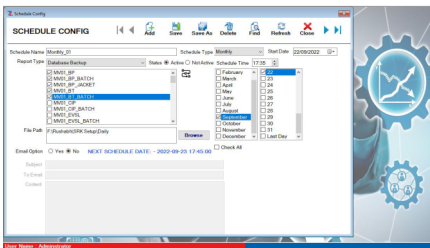
- SQL Backup-Truncate Functions in Auto Mode without Manual Intervention on Configured way.
- Proven Utility for MicroSoft MS SQL Express Edition where Data Size Limit is up to 10GB.
- Due to regular Backup and Truncate of Database, oversizing of Database will never happen and due to this Reporting and other Functions will work smoothly.
- This utility is for Multiple Databases
- Scheduler for Backup and Truncate can be set for Daily, Weekly, Monthly and Yearly Options.
- Options to be set using Configurator Screen
- Restore Utility with Active Restore and Archive Options
- SQL Backup-Truncate Functions in Auto Mode without Manual Intervention on Configured way.
- Proven Utility for MicroSoft MS SQL Express Edition where Data Size Limit is up to 10GB.
- Due to regular Backup and Truncate of Database, oversizing of Database will never happen and due to this Reporting and other Functions will work smoothly.
- This utility is for Multiple Databases
- Scheduler for Backup and Truncate can be set for Daily, Weekly, Monthly and Yearly Options.
- Options to be set using Configurator Screen
- Restore Utility with Active Restore and Archive Options

## SQL Configuration



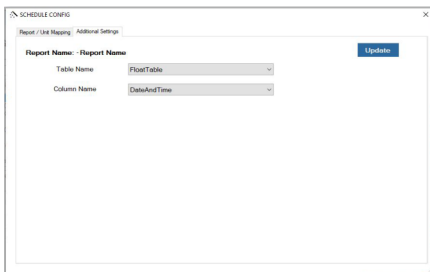
Zelenka BTR requires Backend as MS SQL Server so whichever Databases user wants to do Backup / Truncate or Restore, will be configured in this Form. Various Methods of SQL Configurations are available here with Check Connectivity Option. All Databases will be defined here.

## Schedule Configuration (With Monthly Option)



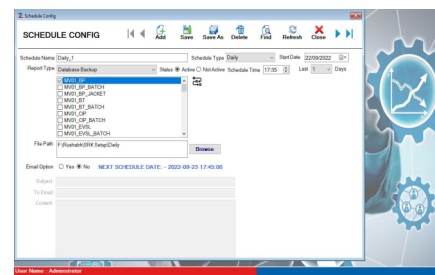
If Schedule Type Selected is Monthly then after Schedule Time, Months and Days Selection will take place. You can select one or multiple Months and Days for Monthly Backup or Truncate Activity. Under Days, user can get Last Day of the Month Option as well. Backup / Truncate will get Executed on Monthly Basis.

## Schedule Configuration Additional Settings



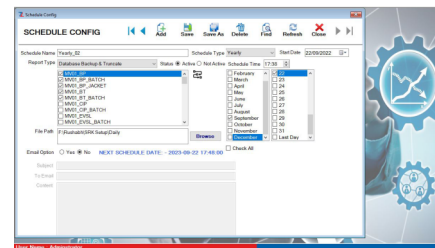
For Scheduler Configuration for Backup & Truncate, there are Additional Settings of Mapping SQL Database with Tables and Mapping Table Name with Column Names. Truncate Activity will delete all Data from Table before Taking Backup of the Database.

## Schedule Configuration (With Daily Option)



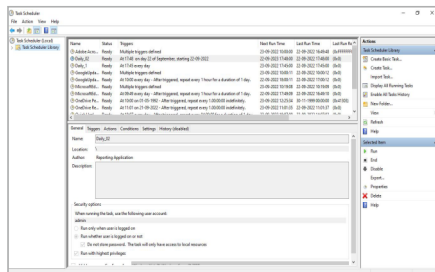
Schedule Details for Backup and Truncate can be defined in this Form. If Schedule Type Selected is Daily then at the pre selected Scheduled Date and Time, Backup Activity will be fired for the Databases selected. This is Daily Activity which will be performed every day.

## Schedule Configuration (With Yearly Option)



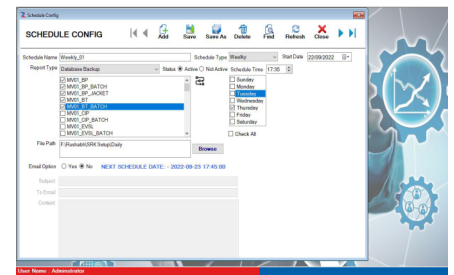
If Schedule Type Selected is Yearly then after Schedule Time, Months and Days Selection will take place. You can select one or multiple Months and Days for Yearly Backup or Truncate Activity. Under Days, user can get Last Day of the Month Option as well. Backup / Truncate will get Executed on Yearly Basis.

## Windows Task Scheduler Configurations



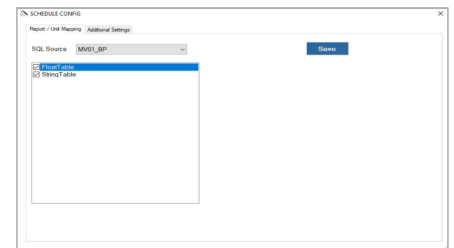
This Screen is just to show that when user does configurations in Zelenka BTR Application for Daily, Weekly, Monthly and Yearly Backup/Truncate Executions, Application sets corresponding options in Windows Task Scheduler in Background. User does not have to do anything for this. This is for your Reference. Image Shows Daily Backups Configured.

## Schedule Configuration (With Weekly Option)



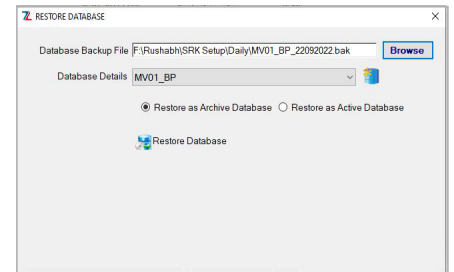
If Schedule Type Selected is Weekly then after Schedule Time, Week Days Selection will take place. You can select one or multiple Weekdays for Weekly Backup or Truncate Activity. Backup / Truncate will get Executed on Weekly Basis.

## Schedule Configuration Additional Settings



For Scheduler Configuration for Backup & Truncate, there are Additional Settings of Mapping SQL Database with Tables and Mapping Table Name with Column Names. Truncate Activity will delete all Data from Table before Taking Backup of the Database.

## Restore Application



Database can be Restored using this Application. Before Restoring adequate Messages will be asked from Application

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