

# Solution for Microsoft SQL Server

TVD-Maintenance™ ▪ TVD-Backup™



## THE SOLUTION AT A GLANCE

### Standardized – Generated – Automated

Critical corporate data is stored in databases. It is therefore absolutely essential that the systems are backed up regularly and consistently, and that the performance is sustainably assured by means of automatic maintenance tasks.

With our solution, your data will be backed up reliably and automatically. Your backup files can be efficiently recovered at any time, and they are preserved and then deleted in line with your corporate policies and data privacy regulations. The backing up of high-availability environments also requires a simple and automatically controlled workflow so that your data backups can be seamlessly continued after a primary server failover. Azure storage, a cloud solution from Microsoft, can be used for your database backups as a cost-effective disaster repository.

Recurring maintenance tasks are crucial for sustainably upholding the performance capability of the database server. Many of these tasks can and should be automated. Our solutions form a lean, field-proven approach that performs all the requisite maintenance tasks for data, index structures and statistics. This allows queries to be processed in SQL Server as effectively as possible.

## YOUR BENEFITS

- Easy installation and single point-of-administration
- Safeguards your data backup requirements (e.g. RTO, RPO)
- Enhanced quality thanks to Trivadis best practises and automation
- Traceability by means of detailed logging
- Optimized usage of resources
- Scalability and simple configuration
- The Azure cloud can be integrated as a disaster-protected backup location

## WHAT WE OFFER

Our solution is based entirely on functions integrated in SQL Server. With its "set and forget" approach, our solution is perfect for realising backup and maintenance tasks for your SQL Server databases.

The easily configurable jobs it uses are dynamic and can therefore be readily used in high-availability environments as well. When they are running, they use a configuration adapted to the respective environment. All delivered configurations are based on best practices and will cover most of your requirements. Individual configuration needs can be easily configured.

## FEATURES

- A dedicated database (repository) for each instance for logging and configuration purposes
- Jobs for different kinds of backup (full, differential, etc.).
- Jobs for index and statistic maintenance tasks
- Jobs for logical and physical integrity checks of all objects
- Optional performance sampling job for continual recording of performance data
- Automatic clean-up of the backup and maintenance job history
- Backups of logins and server roles

Our solution makes SQL Server maintenance plans superfluous, and you benefit from additional functions. For instance, maintenance tasks are performed on objects as required provided they are practical (e.g. index reorganization). Each individual step of the job is recorded in a table for tracking purposes. Since our solution uses standard SQL functions and TSQL, critical events such as a failed backup or inconsistent objects are written to the SQL Server error log and the Windows Server event log. From here, you can pick off the events and trigger an alarm accordingly using your monitoring tool of choice.

## PARTNERS



## WHY CHOOSE TRIVADIS?

Trivadis is a leading independent IT services company in Germany, Austria, Switzerland and Denmark. We offer our clients technologically outstanding solutions with which they can operate their IT infrastructure more effectively and efficiently.

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## FURTHER INFORMATION:

<http://www.trivadis.com/de/infrastructure-toolbox>



### YOUR CONTACT PARTNER:

Roland Stirnimann  
Business Development Manager Infrastructure Engineering

Trivadis AG  
Sägereistrasse 29  
CH-8152 Glattbrugg

Phone: +41 58 459 55 55  
Email: [roland.stirnimann@trivadis.com](mailto:roland.stirnimann@trivadis.com)  
[www.trivadis.com](http://www.trivadis.com)