

# AVL



## FULLY AUTOMATED DATA EVALUATION

With the perfect interlock of



### AVL SANTORIN MX 2™

Unleash data power



### AVL CONCERTO 5™

Experience the harmony

#### THE CHALLENGE

The development of better fuel efficiency, new powertrains, e-mobility and enhanced driver support systems increase the challenge of storing, managing and efficiently processing the growing number of measurement results. Fulfilling new legislation and market requirements leads to a higher demand in data evaluation in a shorter time with the same resources or even less. The traceability demanded by legislation causes an increasing focus on standardization and the comparability of reports and calculations.

#### THE AVL SOLUTION

AVL SANTORIN MX 2™ – Automate is boosting efficiency in the daily work of development engineers. The

combination of the efficient data management features of AVL SANTORIN MX 2™ with the data processing power of AVL CONCERTO 5™ allows you to shift data processing tasks to powerful data evaluation servers. Deep integration enables a high degree of standardization and automation in reporting and calculation tasks. Parallelizing task execution results in the highest possible time savings for long-lasting tasks. All relevant data can be transformed into decision-relevant data.

#### THE ADDED VALUE

- One integrated solution for automation and standardization of calculations, evaluations and reports
- Central location of apps and scripts for easy and seamless distribution and traceability
- Seamless assessment of new legislative regulations for new and existing data
- Efficient transformation of all relevant data into decision-relevant information at creation time
- Highest possible time saving by parallel execution of long-lasting tasks
- Enabling new users to use and create reports and evaluations by predefined evaluation types

## SOLUTION OVERVIEW



### FREE CALCULATION RESOURCES AND SAVE TIME

With this innovative solution – combining the data storage and management of AVL SANTORIN MX 2™ with the calculation power of AVL CONCERTO 5™ – high time saving can be realized for intensive and repetitive reporting and analysis tasks. AVL CONCERTO 5™ is fully integrated in the batch process of AVL SANTORIN MX 2™ and tasks can be executed on high-performance servers manually triggered or fully automated based on trigger criteria and time settings.



### INCREASED SPEED AND SECURE REPORTING

AVL CONCERTO 5™ is directly installed on the AVL SANTORIN MX 2™ server infrastructure and can be executed in multiple instances and execution queues. This allows it to run multiple analysis and reporting tasks at the same time. Additionally, direct integration increases the speed of data access, since no network boundaries need to be crossed and no data needs to be transferred to client machines. This facilitates the creation of reports for data that may not be copied to client machines in a secure and traceable way.

### STANDARDIZED DATA ANALYSIS AND REPORTING

AVL SANTORIN MX 2™ – Automate can be used for efficient report generation on a daily basis, data enhancement for complex calculations and data merging and aggregation. Use cases like PEMS data reporting, certification reporting, daily quality checks and reports can be automatically executed and corresponding results can be stored easily for full traceability and seamless access. Data analysis and reporting are standardized and available for a broad user group, from management to engineering.



Smart job execution –  
Local. Interactive. Automatic.



Easy data processing  
job definition.

With AVL SANTORIN MX 2™ Navigator data processing jobs can be easily defined. AVL CONCERTO 5™ artifacts like layouts, scripts and work environments, can be directly stored and managed in the AVL SANTORIN MX 2™ database and attached to data processing jobs. This allows a high degree of standardization and traceability. The distribution to the server or the client machine is fully automatic, when the data processing job is executed.

Data processing jobs can be executed locally and interactively on the client machine or automatically on the server. On the server multiple execution queues can be used to execute jobs in parallel. Processed data and results can be stored to the server and directly accessed through AVL SANTORIN MX 2™ Navigator.

### FOR FURTHER INFORMATION PLEASE CONTACT:

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