



# AVL PUMA Open 2™

The ease of automation



A man and a woman are working at a computer workstation in a laboratory setting. The man is seated at the desk, smiling, and looking at the woman. The woman is standing, gesturing with her hand towards the computer screen. The workstation includes a large monitor displaying a software interface, a keyboard, and a mouse. The background shows a clean, modern laboratory environment with white walls and a ceiling-mounted light fixture.

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## THE ADDED VALUE

- Cutting edge usability for new and experienced users
- More productive testbed time due to the possibility to edit and validate parameters upfront in the office
- Significant increase of runtime and substantial reduction of useless data due to integrated diagnostic features
- Powerful interfaces between AVL CAMEO 3™ - AVL PUMA Open 2™ - AVL IndiCom 2™ permit the execution of innovative calibration methods

# AVL PUMA Open 2™ - The ease of automation

Save valuable testbed time  
by transferring parameter-  
ization and analysis tasks to  
the office workplace.

## THE CHALLENGE

Our customers want holistic solutions that solve the problems they are confronted with in the most efficient way.

The generation of "Digital Natives" has a completely new understanding of collaboration, connectivity and the sharing of data, knowledge and results. New demands are placed upon the operability of our products.

AVL acknowledges this with intuitive operation, modern design and consistent operational style across a range of software products.

The availability of information for smart devices has become a given for users.

Short product life cycles in the IT sector and numerous testing applications to be supported demand highest product quality and delivery dependability. Investment security is constantly in focus.

## THE AVL SOLUTION

AVL PUMA Open 2™ - a synonym for pleasure at work - offers exceptional levels of improvement in operability and fulfills all requirements of a modern automation system.

The new generation, AVL PUMA Open 2™, is the only automation system suitable for all testbed types and that can be easily extended by modern testing methods.

Powerful search functions enable the rapid location and further processing of data. The automatic and fast integration of measurement devices and testbed automation is a further highlight of the new generation.

Efficient parameter configuration and immediate validation enables the relocation of testbed work into the office. An even deeper integration and merging of indicating systems and calibration tools into the AVL PUMA Open 2™ automation platform facilitates a significantly more efficient execution of modern calibration tasks.

The automation system AVL PUMA Open 2™ remains as reliable and stable as users have experienced it over many years, despite the range of new functionality.



**DISCOVER AVL PUMA Open 2™**  
[www.avl.com/pumaopen2](http://www.avl.com/pumaopen2)





AVL PUMA Open 2™ guarantees the smooth interplay of all testing tools and testbed components.

### VALIDATION IN THE OFFICE

Valuable testbed time is saved by transferring parameterization and analysis tasks to the office workplace. For this task modern and intuitive tools are available to the user.

A graphical test run editor facilitates and accelerates the creation of test runs. The test run parameter library, with integrated version administration for all parameter types, allows the effortless traceability of all test results.

The validation of individual parameters and multiple parameter sets is no longer done on the testbed, as was the convention, but is now completely done in the office.

### EXECUTION ON THE TESTBED

AVL PUMA Open 2™ supports the user with all work processes on the testbed with the aim of achieving maximum efficiency. Apart from standard functions such as fully automatic and manual operation, AVL PUMA Open 2™ reliably and accurately controls and monitors measurement devices, test equipment and the unit under test. The new possibility of signal flow analysis permits errors to be recognized immediately and test repetition to be avoided.

### NAVIGATION & SEARCH

The seamless integration of all test field data, from test parameters via global data to result data, is one of the most important new features of AVL PUMA Open 2™. The navigation tool Navigator is the main entry and exit point for all specific activities. The relevant features are the unified approach to the processing of parameters, the clear and concise administration of projects and user rights, and the management of values and files. A powerful search function enables the rapid location and further processing of data.

Maximum flexibility due to centralized parameter management.



## POWERTRAIN DEVELOPMENT IS A TEAM SPORT

Today's requirements in powertrain development move forward every second. Complex systems, shorter times to market and a global world of opportunities challenge you to be better, more flexible and faster than your competitors.

Development tasks aren't stand-alone. And it's not (just) about how good single individuals or tools are...

... it's about how well they work together.

## AVL Team SUITE™

SUCCESS BASED ON INTERPLAY

[www.avl.com/meet-the-team](http://www.avl.com/meet-the-team)





**COMBINE YOUR STRONG TEAM  
FLEXIBLY OUT OF COMPATIBLE,  
COMPLEMENTARY PLAYERS TO  
MEET YOUR NEEDS.**

-  AVL PUMA Open 2™
-  AVL EMCON 6™
-  AVL LYNX 2™
-  AVL SANTORIN MX 2™
-  AVL TESTLIFE 1™
-  AVL CAMEO 3™
-  AVL CRETA 4™
-  AVL CONCERTO 4™
-  AVL-DRIVE 4™
-  AVL VSM 4™
-  AVL ARTE.Lab 4™
-  AVL InMotion 4™
-  AVL IndiCom 2™
-  AVL iGEM 2™
-  AVL TESTGATE 1™
-  AVL ISAC 6™

... and more joining soon

**SUCCESS BASED ON INTERPLAY**

AVL PUMA Open 2™  
- a synonym for  
pleasure at work

Cutting edge user experience  
for new and experienced users

## HIGHLIGHTS

- Pleasure while working thanks to the new Intellisense ("Autocomplete") based parameter concept combined with immediate check for correctness
- Automatic and fast integration of measurement devices and testbed automation
- Simple upgrades of existing AVL PUMA Open™ testbeds through the use of migration tools
- AVL PUMA Open™ is the global industry standard for testbed automation with over 4,200 active systems in use at more than 150 customers worldwide

## AVL PUMA Open 2™

### DETAILS

AVL PUMA Open 2™ enables test runs and parameter sets to be prepared in the office, together with the administration of projects, results and operator rights. The acquisition of measurement values, calculation of a range of quantities and the execution of automated test runs is done on the testbed.

AVL PUMA Open 2™ guarantees the smooth interplay of all testing tools and testbed components. The automation system coordinates the data flow, beginning with the testbed control and test definition through to the acquisition, processing and archiving of the data. The seamless integration of all test field data, from test parameters through to global data and results from a testbed, is one of the major highlights of AVL PUMA Open 2™.

**FOR FURTHER INFORMATION PLEASE CONTACT:**

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