



## Develop and Test your Code with Mx-VDev™

Systems engineers, developers, and testers are faced with the challenges of documenting acceptance criteria for requirements, reusing/transforming test cases throughout development, managing dissimilar test tool interfaces, documenting test results, and presenting intuitive, concise results to all stakeholders. MicroMax helps you easily navigate these challenges using its flagship product, **Mx-VDev™**.

Mx-VDev is a proven software validation and verification (V&V) that runs on Microsoft Windows®. Easy-to-use behavior charts fully specify test acceptance criteria. Mx-VDev records data from experiments or imports field data as acceptance criteria. Its powerful visual interface allows the user to test implementations using virtual prototypes, before electronics are available. Mx-VDev is used to unit test design models, execute the tests on developer-written or generated code, as well as run the same test cases on standard HIL testers.

MicroMax provides the tools, training, and even custom services to help you complete integration of Mx-VDev into your environment. Simplify your life and take the hassle out of developing powertrain, body electronics, active/passive safety, or other mechatronics systems. Call us today for a demonstration of Mx-VDev.

### Mx-VDev™ Advantages

**A New Level of Software Testing:** Perform white box and black box tests on functions, modules, or complete virtual subsystems with ease.

**Quickly Implement Test Cases:** Mx-VDev's easy and intuitive GUI quickly captures test cases as strip charts with fixed or varying tolerance bands.

**Interactive Test Cases:** Conduct experiments and re-run the captured data as test cases.

**Design Verification and Regression-style Reports:** Test cases and results are communicated in easy to understand reports. Root cause symptoms are displayed.

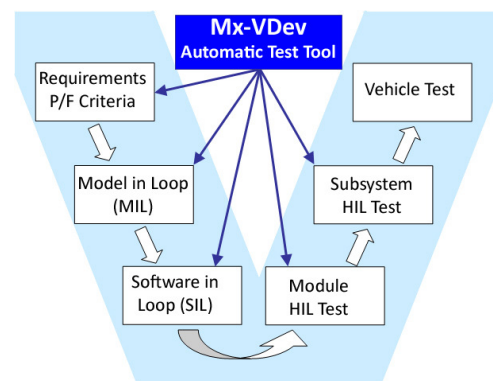
**Test your Models, Code, and Electronics:** Test your work throughout development. Mx-Technology™ ensures that test cases are reusable regardless of the target implementation.

### Supported Interfaces

**Model-Based Development Tools:** Simulink®, Stateflow®, StateMate®, Rhapsody®, LabVIEW®, and Studio®.

**Automatic Code Generators:** Real Time Workshop®, Embedded Coder®, Micro-C®, and Targetlink®.

**HIL Testers and Load boxes:** National Instruments, dSPACE, ETAS, Pi, OpalRT, and others.



Contact us at [info@mrmx.com](mailto:info@mrmx.com) for more information or a demonstration of Mx-VDev.