The FMI Add-on for NI VeriStand™ & LabVIEW™ enables easy to use integration of modeling and simulation tools that export models through FMI interface and NI VeriStand™ and LabVIEW™.

FMI support ensures flexibility and cross-platform interoperability. FMI add-on enables you to import FMI models in NI VeriStand™ or LabVIEW™ and make HiL, SiL and MiL validation. You can use this FMI Add-on to import FMI models written in Modelica® and processed by Dymola® for example, or by any FMI compliant solution.

When the model is imported in NI VeriStand™ or LabVIEW™ you have the same user experience that you have when you import LabVIEW® or Simulink® models. You can configure your project importing models from different environments and deploying them into your LVRT targets.

**SCOPE**
- HiL, SiL, MiL
- Integration of physical models in NI VeriStand™ and LabVIEW™

**KEY Features**
- Support for Functional Mock-up Interface (FMI)
- Import and simulation of Functional Mock-up Units (FMUs) in NI VeriStand™ and LabVIEW™

**BENEFITS**
- Reduced time and cost for System Validation
- Add new modeling & simulation environment importable in NI VeriStand™ and LabVIEW™

**FUNCTIONAL MOCK-UP INTERFACE (FMI)**
The Functional Mock-up Interface (FMI) is an open standard for the exchange of compiled models and model reuse. The FMI technology has already been adopted by a large number of open source and commercial tools, and more are following.

For a complete list of tools supporting FMI see: [http://www.functional-mockup-interface.org/tools](http://www.functional-mockup-interface.org/tools)

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**1. Export Model as FMU**

**2. Import FMU Model**

**3. Deploy and Validate**

**FMI Co-simulation 1.0, FMI Model Exchange 1.0 and fix step integrators:**
Explicit Euler, Explicit Runge-Kutta IV ord., Heun, ... FMI 2.0 for ME and CoS Real-Time NI target Phar Lap ETS compliant (LabVIEW Real-Time).

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