

Hardware-in-the-Loop (HWIL)

[Return to Glossary](#)

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Hardware-in-the-Loop (HWIL) is a type of real-time simulation. You use HWIL simulation to test your controller design. HWIL simulation shows how your controller responds, in real time, to realistic virtual stimuli. In HWIL simulation, you use a real-time computer as a virtual representation of your plant model and a real version of your controller.

Source: [Simulation and Test](#)

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