

# 1.1 Configuring the Real-Time Controller

To run a simulation, the VeriStand project must be configured to point to the real time controller. Please see the [Hardware Requirements](#) and [Deployment Target Software Requirements](#) for a list of supported real time controllers and operating systems.

- Click the **Configure..** button to open the VeriStand System Explorer
- Click the **Controller** item in the System Definition tree to open the configuration menu
- Under Target Specification, input the **IP address** of the real time target to be used to run the real-time simulation
- Ensure that either *PharLap* or *Linux x64* is selected as the **Operating System** (depending on the operating system of the real time controller)
- If permissions are configured on your Real Time target, enter the credentials in the **Username** and **Password** fields. National Instruments targets are programmed with the following credentials by default:

**Username:** *admin*    **Password:** *<blank>*

