

Development of custom applications for the LanSharc™ SMART Digital Controller platform can follow one of several paths. A user may choose the method best suited to the application needs.

In any case, the LanSharc can be customized to run as a “standalone” unit, without the need for user or PC-computer intervention. However, when the need arises, the LanSharc can also be programmed to interface through RS-232 communications.

	Required Programming Expertise	Customizability		Required Development Time
		GUI	Real-time Functions	
VB or C/C++ DLL user	Moderate	High	None	Minimal
MATLAB®, Simulink® user	Moderate	High	High	Moderate
Embedded C/C++ developer	Extensive	Highest	Highest	Dependant upon application

