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## Motion Control Standards

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A consistent set of standards for motion control implementation is important for allowing a facility to efficiently develop, implement, and maintain the motion control systems. Standards that should be considered include:

- coordinate system definitions
- connector standards, including connector types and pinouts
- cabling standards
- motion controller hardware standards
- motion controller programming standards
- high-level control system interfacing standards
- templates and code examples for common applications

Well-defined standards can be used both for internal development of motion control applications as well as by vendors delivering partial or complete control systems.

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