

## TruMigrations™

TruMigrations™ have been developed to harmonize and upgrade the installed base of older, proprietary bioreactor control systems. A TruMigration™ occurs when it is determined that an existing bioreactor control system is no longer able to meet the demands of the process. TruMigrations™ seek to provide a cost-effective, easy-to-implement solution, wherein the user can retain existing process hardware, yet overlay the capability and features of TruBio™ software with the reliability and power of DeltaV-based control.

While the scope of each TruMigration™ varies, some of the more common areas of interest are as follows:

- Replacing a proprietary “Closed” bioprocess control system with a fully configurable “Open” system
- Transitioning from an “Analog” system to a “Digital” system for increased insight into the process and improved process reliability
- Transitioning from a “Data Logger” to a “Data Historian” for improved data management
- Ability to interface to 3rd party devices for automated measurement of off-line process parameters such as glucose, lactate, cell viability, and osmolality.

