

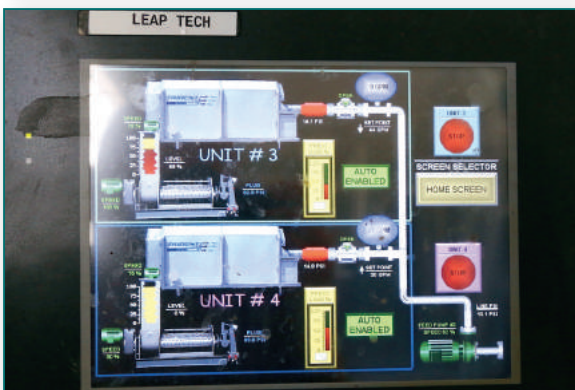
# TRIDENT Automation System

The **TRIDENT Automation System** is a customized controls solution designed to manage the process variables of advanced manure management. Based on specific input parameters provided by sensors and customized event action circuits, the controls ensure optimal performance of the system, even under changing conditions.

The automation system includes Programmable Logic Controller (PLC) and Variable Frequency Drive (VFD) motor controls as required, as well as sensors and signaling devices, air valve actuators, HMI operator touch-panels, UL listed enclosed industrial control panel, and a secure internet router.

Standard features include: individual component monitoring, embedded input data configuration, Ethernet IP communication, text notification, remote access function, total run-time monitoring and I/O. The automation system is specifically developed for each installation. Its configuration commonly requires a P&ID which is developed during the project design & engineering stage.

For more information visit [www.tridentprocesses.com](http://www.tridentprocesses.com) or call 1.800.799.3470.



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