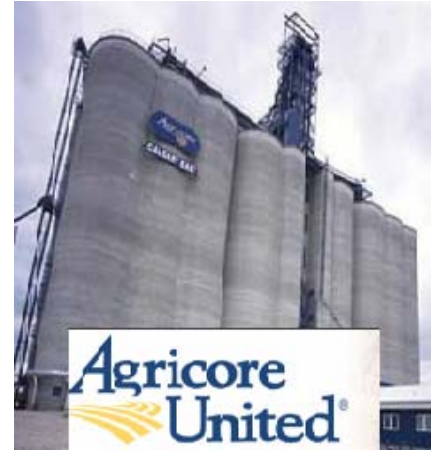


**Project Name: Agricore United Grain Handling Facility Control and Modernization**

Value of System Integration Contracts  
 Location: Various locations in Alberta and Manitoba

1. Acheson Terminal, AB
2. Binscarth Terminal, MB
3. Cassils Terminal, AB
4. Equity Terminal, AB
5. Killarney Terminal, MB
6. Legacy Junction, AB
7. Smoky River, AB
8. Stettler Terminal, AB
9. Viking Terminal, AB:

Owner: Agricore United, Canada



**Plant Facility:** Agricore United is the largest grain handling; crop input and feed manufacturing company in Western Canada. It has multiple crop production and grain handling facility terminal in Alberta, Manitoba, British Columbia and Saskatchewan.

**Delco Automation’s Scope of Work:**

- Designed, developed and commissioned PLC/HMI based plant control and automation system
- Manufactured and installed control panels
- Developed terminal software and grain elevator control system
- Engineered plant modernization and expansion

**Technology:** Modicon Quantum PLC is programmed for grain handling process control. The PLC functions as primary controller for all grain handling and cleaning equipments. Wonderware based HMI system is developed for monitoring multiple grain bins and for adjusting various setpoints. PLC and HMI are interfaced using Ethernet communications. GSI Scale interface is used to interface with PLC/HMI via modbus for bulk weight control.

