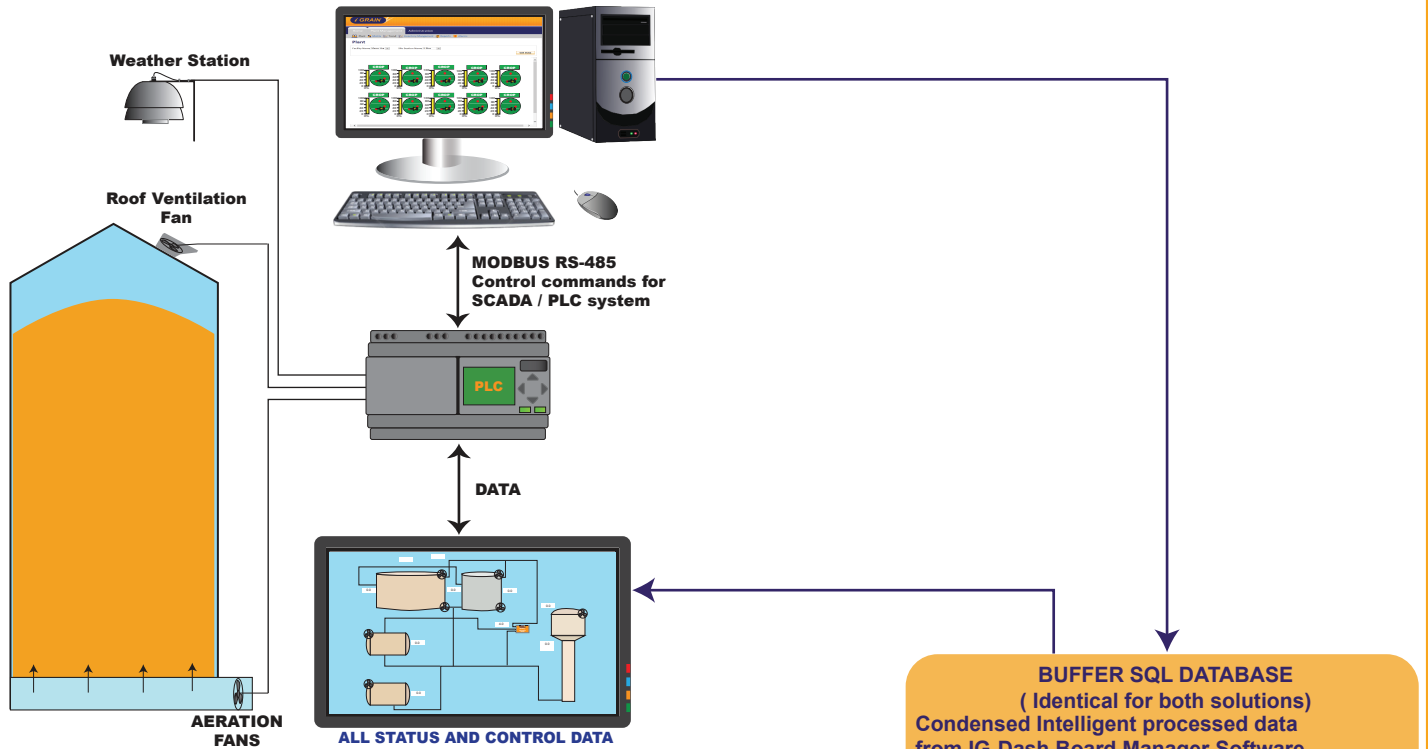


iGrain Integrated PLC/SCADA Solutions



Technical specifications:

Communicate via RS-485, ASCII from the PC with the iGRAIN MANAGER SOFTWARE.
Communicate via LAN, Internet from PC with SQL Database.
Operates in either manual or automatic mode via the automatic aeration control software.

Data transfer: **RS-485** Is sent automatically with a pre-programmed time interval, (20 to 60 min).
The data string may be polled from the PLC at any time via RS-485,ASCII.

Data Bus: **LAN** Data can be polled from buffer database at any time via LAN.
RS-485, ASCII, at 9.6 KB baud rate.
Internet

- Silo Data:**
- Silo Name (included Commodity Type)
- Timestamp
- Temperature data (Max, Average, Min in each silo)
- Silo fill percentage
- CO2 Value
- Grain Moisture
- Control:**
- Main Aeration Fan's ON/OFF
- Roof Exhaust Fan's ON/OFF
- Weather Data:**
- Weather Station name
- Timestamp
- Temperature
- Humidity

