

# Application Summary

## Embedded Control and Visualization for Material Dispensing-OEM

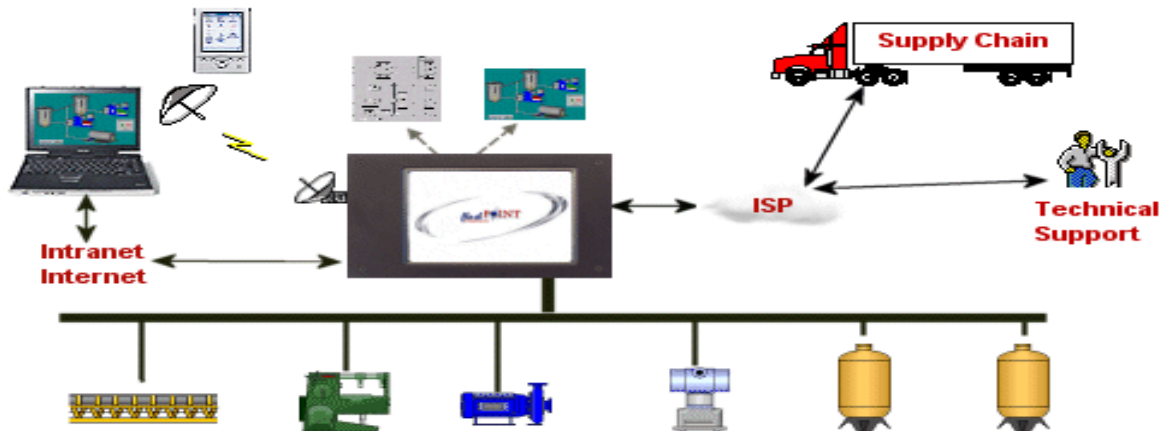
### General Information

#### Hardware

- FlashPoint Technologies ControlView 5.75" STN TFT panel PC with Touch screen,
- Intel StrongArm processor
- ModBus serial, board level I/O
- I/O count: (7) DIO, (2) Encoder, (6) AIO

#### Software

- O/S-Windows CE 3.0
- Control Engine -FlashControl (ISaGRAF)
- Visualization-ControlView Embedded HMI by Indusoft
- Wireless Data Acquisition by FlashPoint



### Primary processes controlled by FlashPoint Technologies

- Integrated one box solution for control and visualization
- Embedded automation control of material feed and proportional mixing based on product batch recipes
- Automated Reporting
- Control I/O is industrial board level with ModBus serial communication
- Connected to enterprise database for production analytics
- Internet connected to supply for automated material supply re-purchase and remote tech support
- Category 5 and wireless Ethernet connected to in-house systems for control, monitoring, and supply chain