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Supervisory touchpanel for distributed control systems



UNILINE feeder controllers for distributed control systems

- Supervisory unit for control of up to 16 feeders
- 12" or 15" TFT operator touchpanel for all connected U/DCS vibratory or screw feeders.
- VIA Eden 733Mhz processor, fanless SBC with 3 COM, 2 USB 2.0, 1 Ethernet 10/100 and 1 Parallel port, keyboard and Mouse, VGA port for external monitor
- 40 GB HD drive for production backup and data mining \ and Embedded Slim CD ROM reader
- Optional extension slots for additional PCI and ISA slots
- **Plug and Play** capable via Ethernet connectivity (RJ45 Plug).
- User friendly feeder control and configuration software
- Controller features continuous feeding controls and batch feeding controls (loss or gain in weight)
- Power supply range from 100 to 240 VAC and 47 to 63Hz

Summary

- The SU/DCS Supervisory control unit is an operator interface for several connected Uniline "blind" units (U/DCS).
- Reliable, high performance technology, meeting the needs of high precision feeding processes.
- Designed specifically to provide powerful performance to price ratio and ease of use in terms of plug and feed.
- The Ethernet connectivity allows Plug and Play use either through stand alone or existing Ethernet network.
- Plug and Play connection of the U/DCS feeder controllers to the SU/DCS controller is made via standard CAT5 Ethernet cables up to 100 meters per network segment.
- The system supports most standard Ethernet devices (including switches, hubs and gateways). The operator interface can be configured for all connected U/DCS units as part of a feeding line or as stand alone feeders.
- The powerful and easy to use control software is designed for Windows 2000 Pro or Windows XP operating systems. The software fully supports Plug and Play operations and devices.

Software applications

- PC advanced configuration software included. This software can store an unlimited number of production recipes as database file.
- Available PC control software (MMI) with production backup function available.
- Optional PC production History reconstruction software available.
- Optional remote customer support software available.

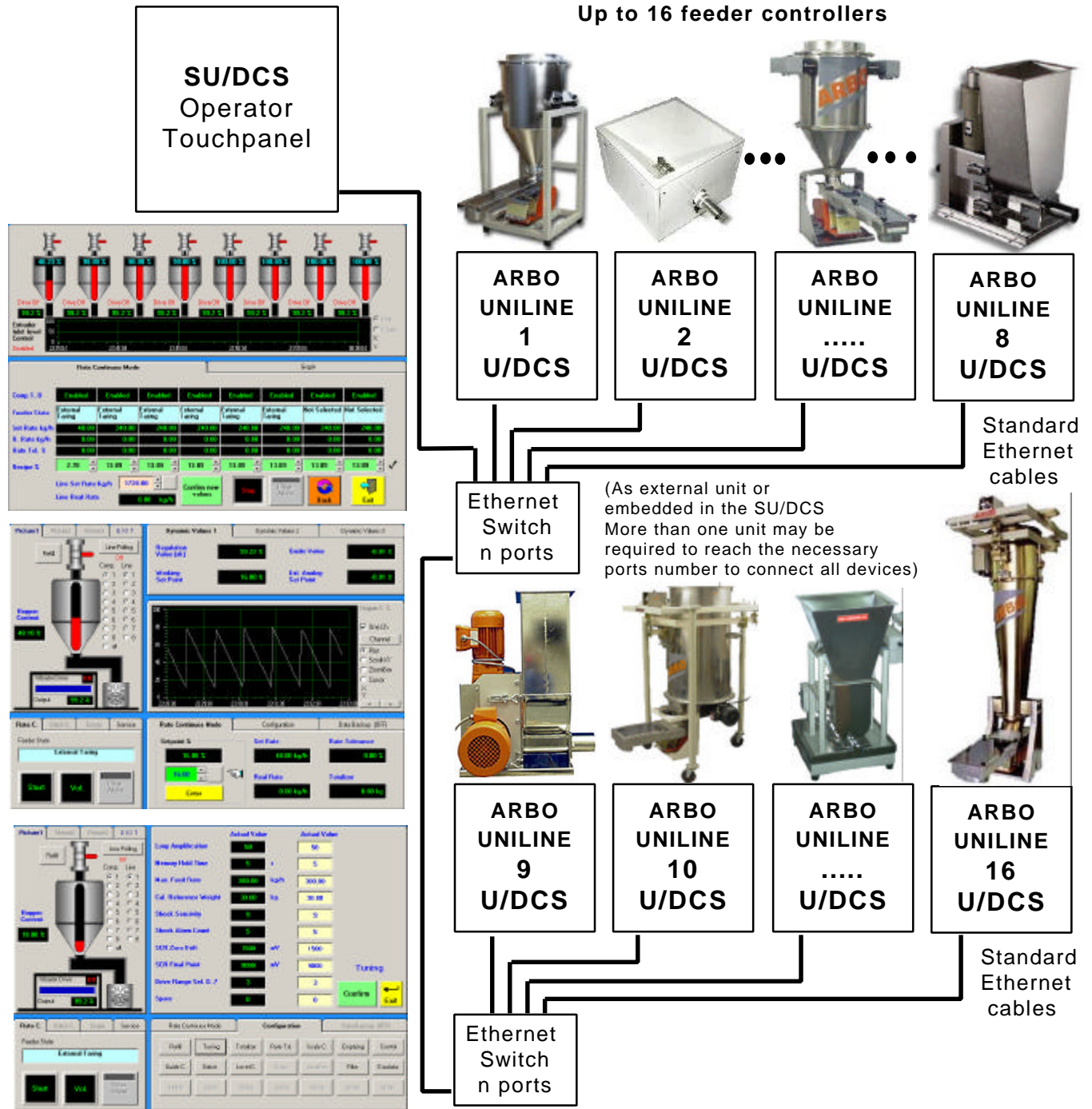
External Ethernet switch or embedded Ethernet plugs

- SU/DCS is available with external multiport Ethernet Switch (optional) or with Ethernet RJ45 plugs directly mounted in the enclosure (1 plug included, other plugs as option). An external Ethernet Switch mounted close to the U/DCS controllers allows to locally network all devices and connect only one Ethernet cable to the Supervisory SU/DCS unit.

Integrated power supply

- The internal power supply allows operation with 100 to 240 VAC at 47 to 63Hz.
- Optional Ethernet Switch available for a wide range input power supply.

Application example



Technical specification

- Enclosure : Enclosure available in stainless or carbon steel. 500 x 500 x 210 mm 19.7"x 19.7" x 8.3"
- Power : 100 to 240 [VAC] 47 to 63 Hz
- Model : SU/DCS/SS (Stainless steel) or SU/DCS/CS (Carbon steel) *
- Touchpanel size : 12.1" or 15" Inches *
- Ethernet Interface : Industrial RJ45 Ethernet Plug.
Standard Ethernet connectivity including diagnostic commands such as Ping, ARP, Transmission through TCP protocol for secure and connection oriented data exchange.
- Ethernet switch(option) : Mounted inside the control cabinet or close to the U/DCS feeder controllers. Can be considered the junction box which connects all the U/DCS feeder controller to the Supervisory unit. *

* need to be specified on the order