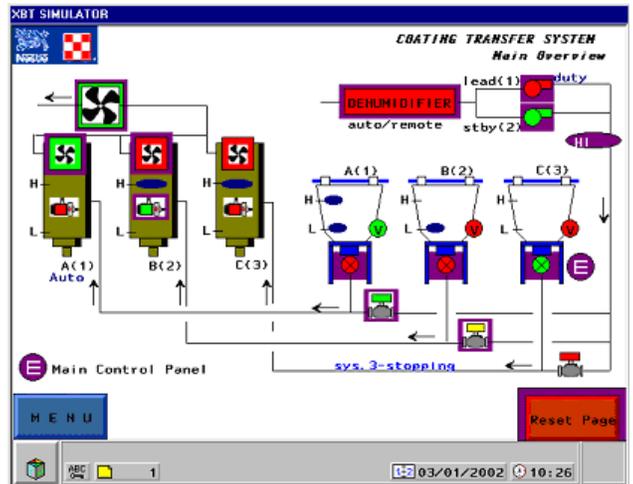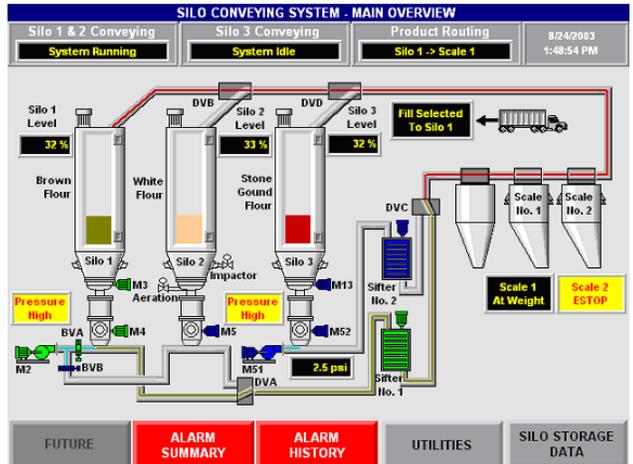# KRAKEN Operator Interfaces

Kraken Automation can provide a functional operator interface for any localized sub-process or machine application.

In the hierarchy of process or packaging machine control, some form of operator interface is integrated as part of a sub-process or packaging machine control. Although the level of functionality varies from application to application, the important factors in making an operator interface functional is its attractiveness to those who use it the most… the operator. The information and control provided must be presented clearly and concisely, and not introduce ambiguity at a critical event when the interface is used. Given the available space for presenting this on various configurable interfaces makes this an even more daunting task. Kraken Automation has the experience to overcome these adversities and provide customers (and operators) with some of the most versatile applications.

Some of the services and resources that Kraken Automation can offer regarding operator interfaces are:

• Selection of the appropriate operator interface for the intended application, which would address the physical environment where the interface would reside, communication requirements (e.g. DH+, modbus, DeviceNet, Ethernet, etc.);

• Configuration of the required interface screens, localized tagname database, alarm handling functions, messaging requirements and background system tasks;

• Frequent review with customers and operators alike of the interface screens to ensure a full consensus on functionality;

• Provision for optional maintenance and/or high level configuration utilities;

• Wide knowledgebase of operator interfaces from a variety of industry known manufacturers.

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Throughout the development process, Kraken Automation applies structured configuration principles and copious documentation, leaving no unanswered questions when understanding the intent of the configured system. The goal for Kraken Automation is to have the customer self-sufficient with the final configured application, allowing them to manage their systems with confidence.

For a more detailed list of Kraken Automation's programming knowledgebase, refer to the information listed below.
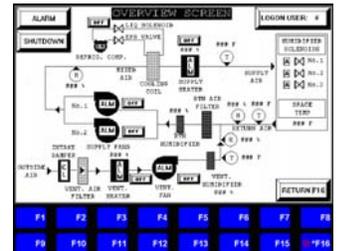
Operator Interface Systems:
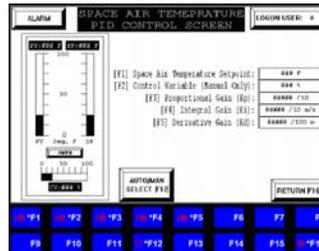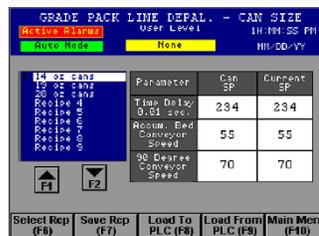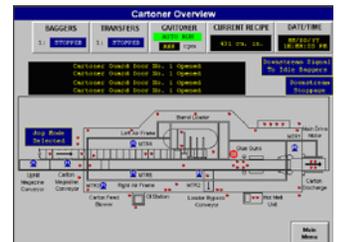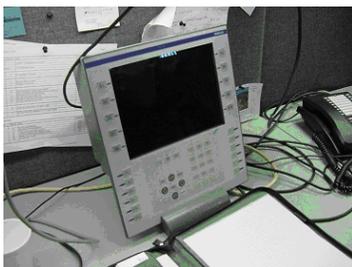
Allen Bradley model 2711 keypad or touch original Panelview systems;
Allen Bradley Panelview 300, 550, 900, 1000 and 1400 standard systems, monochrome or color;
Allen Bradley Panelview 1000 and 1400 enhanced systems, color;
Allen Bradley Panelview Plus 600 and 1000 CE based systems, color;
UniOp EXOR series of operator interfaces, monochrome and color;
Modicon 2000 Compact, 3000 Panelmate units;
Modicon Magelis XBT-F operator interface units;
Nematron IWS multi-line operator interface units;
Bosch BTV Series operator interface units

Configuration Utilities:

Allen Bradley Panelview - PDS
Allen Bradley Panelbuilder32
Allen Bradley RSView Studio
Modicon Magelis
EXOR Windows Designer
Bosch Screen Manager

Communication Networks

RS232/422 Serial ASCII communication
Allen Bradley DF1 Serial
Allen Bradley DH485 Multi-drop
Allen Bradley DH+
ControlNet
DeviceNet
Asi Bus
Profibus
Ethernet

Contact us today for more information on how Kraken Automation Inc. can assist you with your Operator Interface requirements.

Tel: (905) 336-8089 or by

Email: kraken@krakenautomation.com