

INTUITIVE, PRACTICAL, SMART

Food production operators depend on interfaces to operate systems. Simple interfaces may be easy to learn but may not give all the information an operator needs to make good decisions; comprehensive interfaces may be overwhelming, with critical and non-critical information often being confused on the operator's screen.



NEW HORIZON
Controls & Information System

THE NEW HORIZON CONTROLS SYSTEM OFFERS AN INTUITIVE USER INTERFACE, REAL-TIME PERFORMANCE VISUALIZATION, AND INTELLIGENT PERFORMANCE ADVISORIES

NEW HORIZON

Controls & Information System

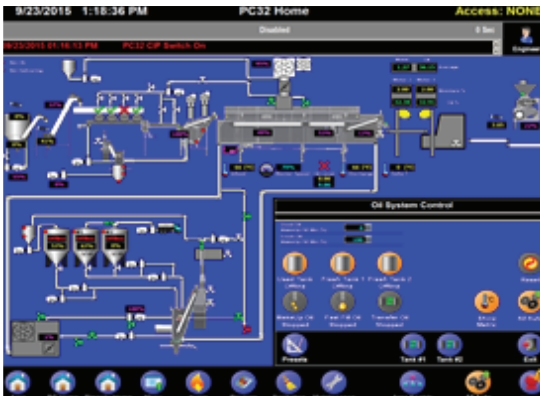
New Horizon is an information system that provides a way for manufacturers and operators to visualize live status, to receive timely advice, and to benefit from Heat and Control's experience and expertise.

Until now, operator screens have had too much detail, are hard to understand, and induce eye fatigue.

New Horizon's design is clearly visible from a distance, shows how well the line is running, and indicates the next priority.

Better Return on Investment

- Increase overall performance
- Reduce meantime to repair
- Reduce unpackaged product (over side)
- Reduce setup issues
- Improve utilization of resources



Sample operator screen



Operator screen of New Horizon Control & Information System

INTUITIVE

Heat and Control's new navigation interface, New Horizon, delivers the most essential information to help operators and maintenance personnel succeed. New Horizon features a clear touchscreen display and intuitive interface that can quickly and thoroughly be understood and correctly operated. All relevant information is in one location where operators can get a real-time indication of the machine's performance that is needed when making the necessary adjustments to keep a production line moving.

Classic operator screens of the past were built to deliver a holistic view of the system, forcing the operator to drill "deep down" to find process gaps or variables that were hindering the system from achieving top performance. New Horizon removes that burden.

PRACTICAL

New Horizon's operator-oriented touchscreens focus on improving daily performance and apply situational awareness themes. Clearly visible from a distance, the graphics show the line's performance and indicate the next priority. The touchscreen contains only relevant information and straightforward language and icons; bold colors are used only when necessary. The machine renderings and labeling match the actual layout in the facility and are consistent throughout the product areas, from processing to packaging. New Horizon provides status and recommended set-point information, and smart alarms give early warnings before matters become critical.

SMART

With an intuitive interface, operators are more aware of the performance of the equipment and can easily see what is needed for optimal production. Manufacturers can expect 5–15% reductions in downtime, meantime to repairs, and waste. The resulting improved utilization of resources and increased line efficiency brings a high return on investment.

Advanced diagnostics help the operator be an effective first responder and help managers be better managers with accurate information. Also, the Wonderware® software supports most manufacturing execution systems and Internet of Things.

With thousands of applications and a complete testing center to support your requirements, Heat and Control can bring knowledge, experience, and technology to your next project