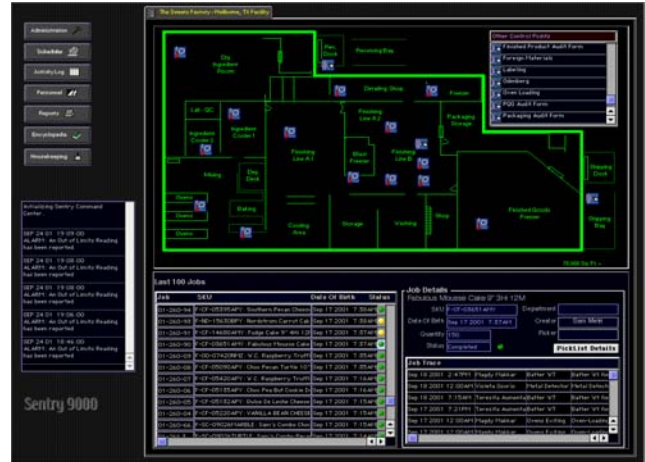


Sentry9000™ IMS

The Sentry9000 (TM) IMS is our flagship technology. It is an automated process monitoring and documentation system that provides a new level of control and efficiency to food processors in their performance, quality and food safety control efforts. The basic premise behind the system is to take the various production performance, quality and safety control plans developed for a particular operation - HACCP, ISO-9000, SSOP's, GMP's, Vendor Certification programs, etc. - and bring them to life in an automated, fully orchestrated, computer-based network system.

Imagine, if you will, the ability of the Plant Manager of a food production facility being able (at the stroke of a key) to know exactly how many units are in inventory, on trucks, in packaging, in coolers, in ovens, and in preparations rooms. The system has the ability to provide direct readouts of every oven, cooler and storage facility. Add to that the ability to know the exact ingredients that went into each product and the vendor that supplied them and you achieve an unprecedented level of control. In addition, the data that feeds these reports is generated either automatically or semi-automatically and is Real-Time.

Of course all of this information is of no use unless it provides management with the ability to be alerted to a problem, secure immediate retrieval of data and provide reports that are both functional and usable. Sentry9000 brings it all together.



Sound phenomenal, it is. It represents five years of preparation to provide to the food industry a management system that is years ahead of any other product available. New technology is continuously being evaluated such as video monitoring, laser measurements, and cold-chain tracking.

Sentry9000 is both affordable and easy to deploy. We are able to quickly adjust the Sentry9000 System to meet the needs of any food processor and provide the same quality product and customer service. Deployment time is 45 –60 days and the installment is TurnKey with all operators and supervisors being trained at installation.

“We performed due diligence in selecting an automated data collection system for our food manufacturing processes that would provide real time data for instant decision making as well as provide daily reports to cover the CCP's and CP's within our system. Sentry9000 has met all our expectations and more. We have already realized the timesavings of automated data for process control as well as being relieved of the hordes of papers that had been generated. This system is very flexible and allows for continuous improvement and modifications to enhance the maintenance and efficiencies of our present processes, and development of new control methods for our systems.” - The Cheesecake Factory Bakery Incorporated

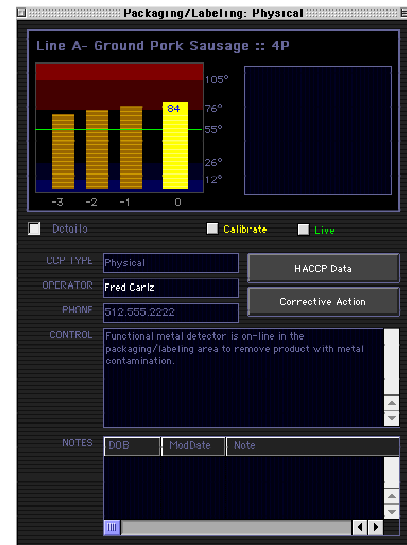
The collective knowledge of the production, quality and safety experts who authored the various control plans is transferred to the parameters of the system. Each day's operation is 'text book' perfect; prompted and documented by the Sentry9000.

Production, food safety and quality control staff have the ability to view the status of any process in Real-Time from the convenience of their own office. With the increased quantity, quality, and timeliness of collected data, a new level of control of the operation is experienced from the operator level to the plant manager' office.

The configuration and customization process begins with our technicians building a graphical representation of the entire production process. Once these "virtual process lines" are completed, the technician works with the plant's personnel using the existing HACCP, ISO-9000, and Vendor Certification plans to place and configure Control Points (Performance, Quality, Preventative, and Critical) into the process and resulting flow diagram. Numerous types of valuable information regarding the plant's operations are available onscreen instantly just by clicking on the components of the diagram.

For instance, click on any Control Point Blue Icon location in the above diagram and a window will pop up providing the following information:

- Hazard description
- Type of Control Point - Critical (HACCP), Quality, or Preventative
- Individual with line responsibility
- Control Parameters: Critical limits, Sampling Frequency, Sensors (collecting data), specifications
- Corrective action (provides information on person responsible for decision making and has the capability of notifying (paging, e-mail) that person for immediate correction implementation
- Incoming inspection data

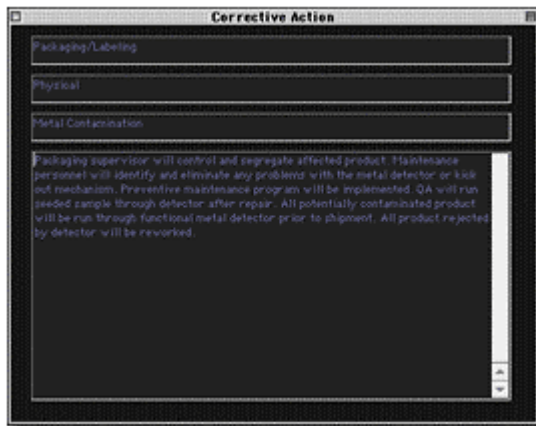


Database Functions

The system uses the information from the flow diagram to build a robust database to handle record keeping and documentation of the various control plans. The database is a SQL-based data repository with the capabilities to tie into an operation's existing systems such as ERPs (i.e. ROSS, SAP, PeopleSoft), Inventory Management, and Accounting.

Data Collection

Key to the Sentry9000's unique selling advantage is its ability to document the production process via automated and semi-automated data collection. The Sentry9000 Data Repository is basically a specialized server dedicated to receiving and storing continuous data readings from the process line. Data readings may be entered into the Repository in any combination of three ways: Automated, Semi-automated, and Manual.



Automated Data Acquisition

Data readings which return numeric or quantitative digital values - such as temperature, pH, time, etc. - may be collected automatically and continuously from control points using data acquisition (SentryDAQ) sensors. Sensors are placed along the production line at strategic control point locations according to the existing control plans. They continuously gather the needed data and send readings directly to the Sentry9000 Data Repository. SentryDAQ units are more accurate, reliable, and continuous than manual monitoring. Sentry9000 has the capability to handle data coming in from any combination of 100+ DAQ units and store the data on its multi gigabyte storage unit.

Semi-Automated Entry

There are instances that require intervention of an employee to register the data. This intervention requires a button to be pressed such as a print button on a scale, or a toggle switch to be initiated, or a push-button to be engaged. The data is transmitted from a piece of a equipment to the element 7 database where it is available for Real-Time viewing. The data is subjected to upper and lower limits while visible graphical interfaces are available with visual alarms for making corrections as needed. The same alert systems are available as in the automated data entry portals.

Operators

FIRST NAME: Paul

LAST NAME: Sebastini

PHONE: 512.555.1111

BADGE #: 11111

SUPERVISOR:

TRAINING CERTIFICATION PROGRAM

DEC 10 93	TAMU	HACCP Principles
NOV 10 93	TAMU	Good Manufacturing Practices
JAN 10 94	TAMU	TQM

CCP Receiving

started by Admin on 11/27/01 2:16:30 PM

CCP Receiving:

- * Center Name & Train No:
- * Receiving P.O. No.:
- * Product Received:
- * Lot No.:

Questions:

- * Past Activities? (Checklist Items)
* Usually inspect each vehicle and product the vehicle and assets
- * Is Trainer Dirty? (Offensive odors, spills, or other problems)
* Usually inspect each vehicle the ground (if available)
- * Walls, Floor and Ceiling Structural Damage?
* Usually inspect each vehicle for serious structural damage
- * Evidence of Leaks?
* Usually inspect each vehicle the tank

Manual Entry

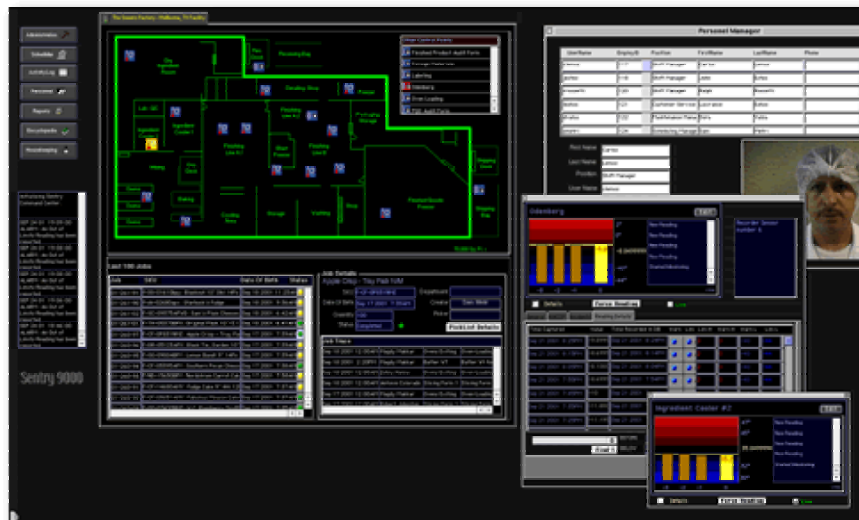
Inevitably, some control points require human objective evaluation such as visual inspection. The Element 7 uses an assortment of Remote Entry & Acquisition Devices (READ units). READ units are portable wireless entry devices, such as bar code scanners or Pocket-PC Handheld devices, which are used by employees on the production floor for data collection. From the production floor, the collected data is transmitted in Real-Time and transferred back to the Element 7 database. By combining DAQ modules with READ units, an operation will be paperless while substantially reducing labor costs and improving accuracy.

Violation Alert System

In the event that the incoming data readings violate a critical limit set at a certain control point, the system alerts key personnel using on-screen alerts, telephone messages, paging systems, or any combination of the above, according to the plants SOPs. In addition, processing equipment can be managed by PLC or other adjustments.

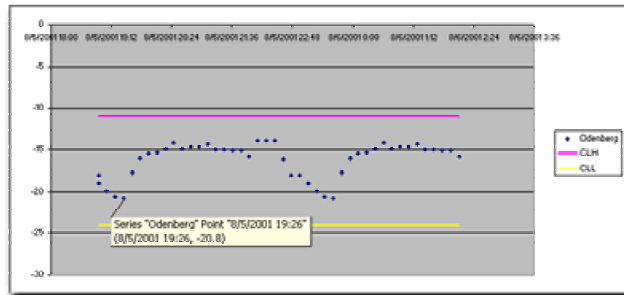
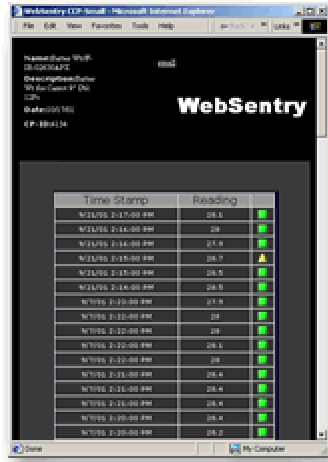
Remote Plant Supervision in Real-time

The Sentry9000 allows a company to centralize quality and safety control over numerous facilities at dispersed geographical locations. Using internet or intranet based technologies, executives and upper level managers located at headquarters can view in real-time what the current situation is at any control point, on any production line, at any location. Sentry9000 makes the concept of off-site inspections and audits a viable reality.



Reports and Graphs

A variety of reports are available at the click of a mouse: daily production reports, current CP detail, monitoring schedules, collected CP data, the ISO-9000, the Quality Control plan, Vendor Certification documents, and many others. The program seamlessly feeds into popular spreadsheet programs, such as Microsoft Excel and statistical analyses software like NWA to provide easy-to-read charts and graphs. The graphs and reports are used by control point operators and QC Team to reviewed performance and progress, or when independent or government auditors visit.



Unrivaled Support

Our level of support is second to none – Our technical staff provides you with the technical expertise so it is not necessary to hire additional IT staff. From our support center in Texas and with the help of our secured remote access tools we are able to perform configuration changes, implement new interfaces for your system, train your staff and assist you as part of your operation. You will also benefit from having access to our Internet and Intranet infrastructure so that when your operation grows multi plant integration and interfacing with your customers and vendors becomes a simple process.

