



Applications

CASE STUDIES

Mills Manufacturing Corporation



IVS.IncentivePay



How do you automate the incentive pay/piece rate system for a contract parachute manufacturer? Integrated Visual Systems has the answer.

Utilizing IVS.IncentivePay, Mills Manufacturing was able to automatically capture all the data required to produce their payroll.

Mills was founded in New York City in 1935 by Ernest Mills. Originally, Mills manufactured lingerie items. Because of the similarity of the raw materials (nylon) used, at the beginning of World War II, the United States government approached Mr. Mills about manufacturing parachutes. Since that time, Mills has specialized in the manufacture of military parachute equipment for the armed forces of our country and those of our allies. In 1952 Mr. Mills moved the plant operations to Asheville, NC.

Mills manufactures many different types of parachutes – the largest being a one hundred foot diameter cargo canopy and the smallest being a 24 ½” flare chute. The complexity of the many different finished good items manufactured by Mills differs greatly. The smallest job router contains 5 steps, and the largest number of steps in one job is slightly over three hundred.

IVS.Incentive Pay was implemented to provide automated data capture for both direct and indirect labor. The system supports a base rate, a system calculated rolling average rate, exception rates/pay flags, and multi level jobs with different time/rate allocations on each step. All system configuration and job set-up information is user maintainable to allow for easy updating.

“Before the barcode system, Mills had three people who helped with payroll processing - one payroll clerk and two others who helped count the tickets daily to ensure the system was accurate. Since the IVS system was installed, the payroll clerk has ample time to process pay without help, and has taken on some additional duties that she didn’t have time for before.”

-Cheryl Atkins, Controller/IS Manager, Mills Manufacturing



For direct labor, the system generates barcoded labels with a unique ticket number. Operators collect the tickets as they perform their operations. At any time during the day, the operators can scan their tickets to record production. Ticket records are flagged when scanned eliminating any duplicate ticket recording. For long operations which span across shifts, the system allows for a job/step to be suspended and resumed.



Mills Manufacturing utilizes approximately forty-five (45) terminals on the shop floor to scan ticket information. At operations requiring additional data input like inspection, dedicated terminals are mounted at the work station. In other areas, terminals are strategically located in the department to provide easy access to the operators.



The system controls the ringing of bells for breaks and lunch for all three overlapping shift schedules. In addition to ringing the lunch bell, the system automatically clocks out employees based on their assigned lunch period. Therefore, employees are only required to clock themselves back in at the end of their lunch break.

In addition to time and piece rate data collection, the system provides for access control for all employees. The system administrator can assign access privileges for each employee based on the times they are allowed access and the doors that they can enter. All employees have barcoded employee badges that are used throughout the system.

About Integrated Visual Systems

Integrated Visual System's primary focus is to deliver world class solutions to meet our clients automated data collection (ADC) requirements. To meet these specific requirements, we maintain a full development staff in-house. Both standard packages and custom designed applications are written and supported.

IVS provides a resource for companies who wish to implement integrated data collection (DC) systems without the expense of having a specialist on staff. With our years of experience in the design, installation, and support of DC systems, we can help companies realize the full potential of the data collection equipment available on the market today. IVS develops DC systems for a variety of industries including manufacturing, textiles, apparel, furniture and distribution.

We specialize in the development of real-time data collection applications which provide a "queued real-time" host interface. IVS offers on site installation and training, complete hardware and software technical support, and RMA service.

In essence, IVS is a systems integrator providing turnkey data collection solutions with an emphasis on service and support. Various application write-ups and case studies are available. Please be sure to contact us to discuss your specific requirements.



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