

## Defense contractor tracks job labor for security and accountability

### Business Results

- Elimination of time required to fill out time sheets.
- Dramatically reduced effort to process and reconcile union labor time and attendance for payroll and DoD contract billing.
- Real-time traceability and accountability of employee time for security, auditing and reporting, and supervisory support.



## The Challenge — Track attendance and labor allocation for 3,500 union employees

A US-based world-renowned manufacturer of naval vessels faced the arduous task of managing employees and reporting their time and attendance according to the stringent requirements of both the US Department of Defense (DoD) and their labor unions.

The DoD requires that employees account for all time in their shift in 6-minute periods, whether or not the time is billable to a DoD contract. Traceability is required for all labor, materials and parts in a DoD product, and accountability for employee time is necessary for security.

With 3,500 employees, the manual paper-based system in place required a staff of 20 to process and was susceptible to errors. It took them two days to enter the time sheet data and could take two weeks to reconcile the differences between payroll and billable labor.

## The Solution — Epic Data time and labor tracking system

The manufacturer implemented an Epic Data time and labor system. The system incorporated shop floor terminals equipped with magnetic stripe and barcode readers. They scanned their employee ID card magnetic stripes to capture their time and attendance information, and scanned job or contract barcodes on work instructions to capture billable labor.

At the hub of the time and labor system is a powerful shop floor data collection management system that continuously gathers from data collection devices and delivers real-time data to other enterprise applications.

Epic Data's shop floor data collection system eliminated data entry errors, improved synchronization of data from multiple collection sites, and eliminated the tedious task of accounting for and reconciling employee's time.

In addition, the time and labor system provides real-time input about which workers checked in at the beginning of every shift, allowing the supervisor to re-distribute workload due to absences if necessary. It also validates the skills of trade workers for the critical work they are assigned to do.

The naval vessel manufacturer benefits from time and labor attendance system in the following ways:

- **More accurate labor tracking:** Fewer missing or illegible time sheets and reduced data entry errors have improved the accuracy of labor hours and job allocation significantly.
- **Better job costing and status visibility:** Real-time updates of contract labor inputs improve job cost and status tracking.
- **Less time to process labor information for payroll and progress billing:** Much of the data-entry, analysis and reporting that used to be done by a staff of 20 is now done automatically, saving time and effort.
- **Better information for labor supervision:** Immediate access to attendance information and labor qualifications allows supervisors to shift labor resources as priorities and availability changes.
- **Faster DoD reporting and billing:** Complete accountability for employee's time as required by DoD security requirement. Full traceability of labor input by job.

## ABOUT EPIC DATA

Epic Data is a trusted provider of Manufacturing Operations and Warehouse Management Solutions to the world's most progressive discrete manufacturers. We focus on knowing what is important to our customers and delivering solutions that last, resulting in relationships that have spanned over three decades.

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