

# Foreman's Electronic Bar Coded Time Card 1998 NOVA Award Nomination 13

## Foreman's Electronic Bar Coded Time Card

To improve the time card entry and collection process, the Fluor Daniel Construction Technology Automation Group developed the Foreman's Electronic Time Card system. Foremen are provided with hand-held scanners having bar code readers to collect time card information. The payroll clerical staff issues bar coded crew and cost code information to the foremen from a personal computer based application that interfaces with payroll and cost information. These bar coded crew and cost information sheets allow the foreman to complete a time card record quickly and accurately on the hand-held bar code scanning unit. This system replaces the time consuming and sometimes inefficient manual process. When the Foreman's Electronic Time Card system is used, the payroll and project controls departments are not required to manually key-punch time card information into the time keeping and cost control systems. The information is already in an electronic format on the scanner and is easily imported into both systems. This has resulted in dramatic reductions in payroll and project controls data entry time and in increased accuracy of information.

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