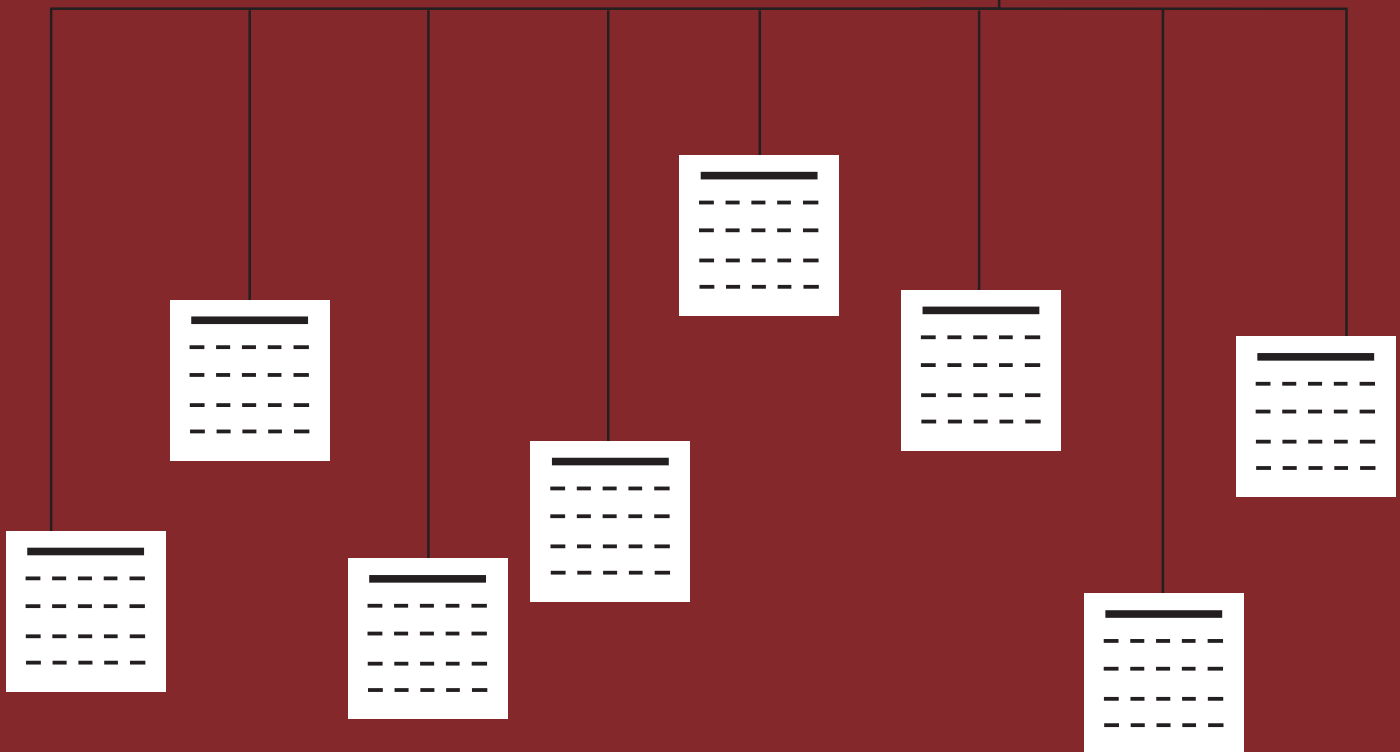


# The Personal DataRecorder System

For collecting and reporting accurate and timely  
production data to more effectively manage your company

*Production*  
*Payroll*  
*Shipping*  
*Inventory*  
*Materials*  
*Quality Control*  
*Inspection*  
*Maintenance*  
*Office*



**Data Specialists, Inc.**

Specialists in Time & Data Collection  
and Real-Time Production Reporting

# THE PERSONAL DATA RECORDER SYSTEM ASSURES DATA INTEGRITY

The accuracy and availability of your production data can drastically improve your work-in-process control, job costing/estimating, scheduling, and quality control.

The Personal DataRecorder System will collect information - where the activity happens, providing more accurate and timely information for management decisions.

Whether you need to collect daily production, labor, employee activities, time & attendance, product movement, materials, quality data, or other routinely collected data, **the PDR System will record and report information - quickly and accurately.**

With incredible ease of operation, the Personal DataRecorder System allows your employees to input information into data collection terminals which feed the information into a personal computer for reporting or processing.



*An employee can easily enter data with the keypad or the optional bar code wand.*

## THE PDR SYSTEM

The PDR System consists of a Windows 95/98/NT based personal computer, the software, a network controller, optional network hubs, and terminals. **Because of the unique development of the PDR software and the terminal network, as many as 125 terminals can be connected to a single computer.**

Information is collected, verified, and time stamped from the PDR terminals. Data is then stored in a PC and reported in many types of formats with Microsoft Access or Crystal Reports Writer.

## PERSONAL DATA RECORDER SOFTWARE

The software enables the user to send prompts in any sequence to the PDR terminals for data input. The user can customize the data entry through the prompts displayed on the terminals. (Prompts are words or phrases that indicate to the operator what information should be entered, such as: Employee #, Job #, Operation #, Press #, Material, Quantity, etc.)

There is practically no limitation to the number of prompts in a group of prompts or the number of groups of prompts. Each work area in your company could have its own unique group of prompts.

The user can enter a variety of responses in the terminals to further qualify the entries of the prompts, such as dates or yes's and no's, which confirm the entry of employees.

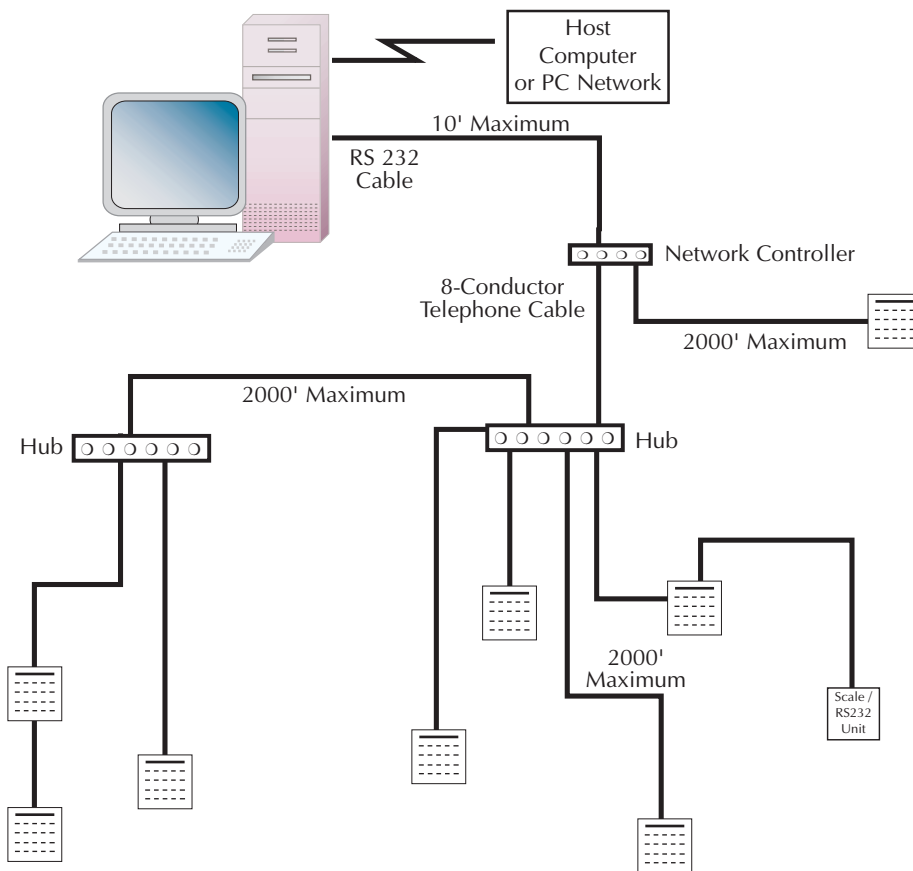
The basic strength of the PDR System is its flexibility and ability to be modified easily and quickly by office personnel with limited computer knowledge.

## BAR CODING OPTION

The option of Bar Code Collection can provide the employees fast and friendly entry of data. The operator is prompted to enter data through either the keypad or the bar code wand at the appropriate time.

The PDR terminal with a bar code wand can also tone-signal the operator who makes an improper entry - such as an overflowing field or an alpha entry where a numeric response is required.

# AUTOMATED DATA COLLECTION THAT CAN BE INSTALLED BY YOUR OWN PERSONNEL



## EASY INSTALLATION

The PDR System is as easy to install as a telephone. After determining the location of the PC and the data collection terminals, install the eight conductor cable (the same type of cable used in networking PC's). Crimp the connectors to the ends of the cable and plug in. That's it!

The special PDR System diagnostic program will test the connectors and the entire network.

Load the software which has been personalized to your company's needs and you can now collect and report meaningful, accurate and timely information.

## PDR HARDWARE

The PDR terminals are the lowest cost data collection hardware available today. The terminal has 24 keys with the standard 10 key numeric pad including 8 special function keys.

Each station has a two-line 24 character Liquid Crystal Display, and each is specially programmed with its own unique address for recognition by the PC. Alpha characters are entered by using two keystrokes.

A somewhat larger data terminal with a full alpha/numeric keyboard is also available as well as a low cost portable terminal. All terminals can be equipped with bar code wands attached to each station.

The Network Controller and Hub units make your installation easy and flexible. There is also the capability to attach a device if it has a RS232 port, i.e. a scale, to the network.

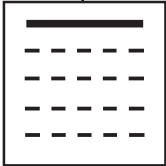
## INTERACTIVE OR STANDALONE

The PDR System is design to stand alone, interface or interact with other computers such as a host computer. In either process the PDR System will collect, verify and report data on a real-time basis. **With the ability to download files for verification and upload collected data, the PDR System enhances the investment of your host computer.**

Run in a stand alone mode, data is stored in a Microsoft Access data base that is ODBC and SQL compatible. Access or Crystal Reports Writer can create and report collected data in most any format.

## BENEFITS & COST SAVINGS

- More efficient data flow due to less paperwork.
- Productivity improvements through greater efficiencies of recording and analyzing data.
- Improved customer service from up-to-the minute tracking of activities and production.
- Time saved in clerical and employee recording time.
- Improved traceability through better collection and reporting methods.
- On-time deliveries due to "real-time" monitoring.
- Better utilization of personnel and equipment because of up-to-date information.
- Improved employee morale due to ease-of-use of recording.



## About The Company

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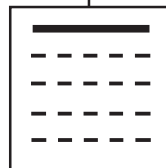
Based on years of experience in the data collection field, Data Specialists Inc., has designed and developed the PDR System to be efficient, easy to operate and maintain. Our goal is to help your company implement a successful data collection system that will pay for itself in a very short time.

**Because the PDR System collects and reports information – where the activity happens – you will save time, increase accuracy, and speed up your information flow.**

The result is “Data with integrity” for sound business decisions to improve your profitability.

## Minimum System Requirements

- Any PC compatible with a Pentium 90 MHz or higher microprocessor.
- 32 MB of Ram and VGA/Super VGA (16 color support) or VGA+ (for full 256 color support).
- 20MB available hard disk space, dependent on amount of data, transactions or databases utilized.
- MS Windows operating system version 95 or later or Windows NT version 3.12 or later.
- Mouse or compatible pointing device.



***Data Specialists, Inc.***

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and Real-Time Production Reporting

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