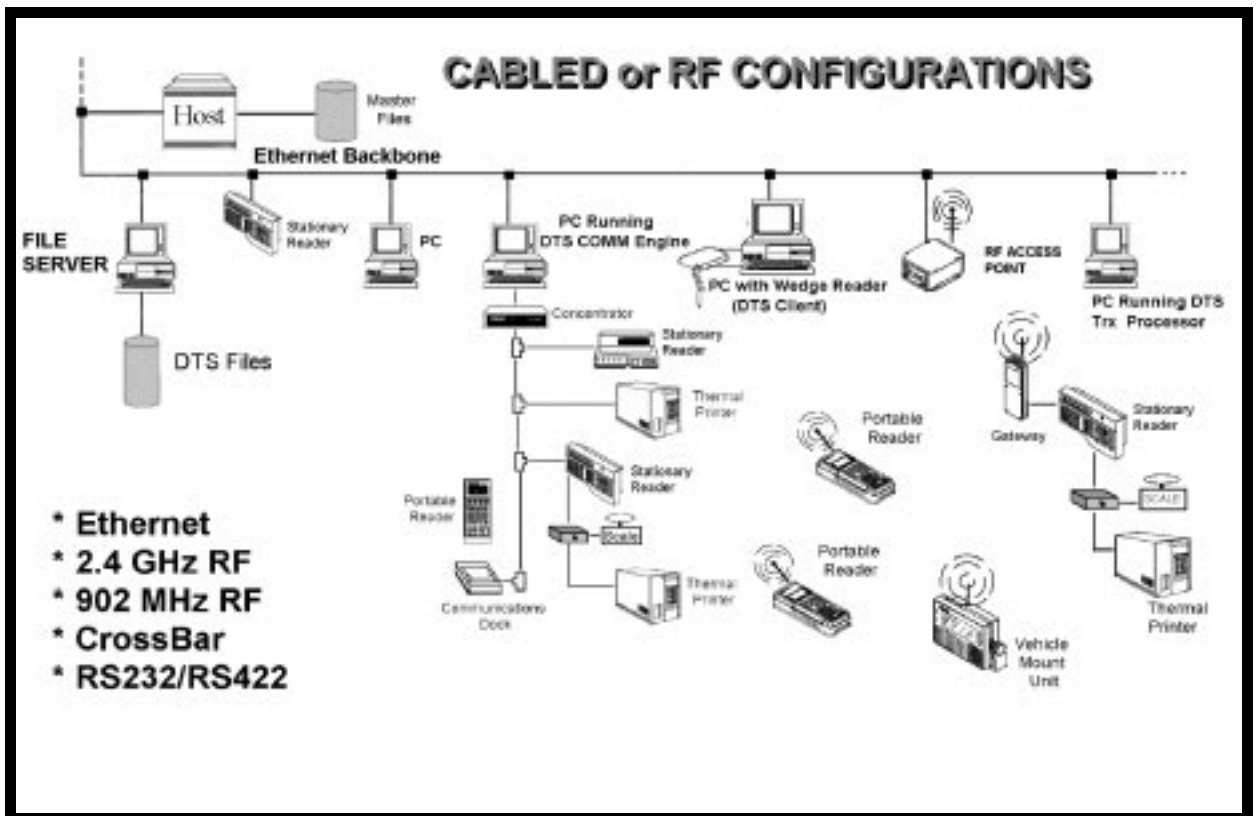# Data Traffic Supervisor®

G.S.D. Associates, Inc.

SHOP FLOOR DATA COLLECTION AND PRODUCTION INFORMATION SYSTEM

The **Data Traffic Supervisor**® is a PC-based modular software system that runs on Windows based computers or local area networks (LANs). In partnership with a variety of bar code equipment, this cost-effective shop floor system collects, validates, organizes, and reports - in real time - data collection activity occurring on a manufacturing shop floor.

The **Data Traffic Supervisor**® can operate as a stand alone shop-floor reporting system or as an intelligent front-end data collection system using either Cabled or Radio Frequency (RF) technology.

- Fully customizable to your unique bar code data collection and management reporting requirements

- Open systems capability using industry standard ODBC to interface to external data bases

- Supports serial, Ethernet, TCP-IP, Radio Frequency (RF) systems

- Supervisory module can be used as a basis for customized applications

CABLED or RF CONFIGURATIONS

* Ethernet
* 2.4 GHz RF
* 902 MHz RF
* CrossBar
* RS232/RS422

Data Traffic Supervisor ®

The **Data Traffic Supervisor**® is a sophisticated set of programs for controlling data traffic in a variety of data collection environments. The Supervisor provides the application support, data base management, and communications control to allow an extensive network of bar code readers, scanners, and printers to be managed by a single Windows PC. It can be used in conjunction with application modules or may be used by itself as a basis for the development of custom applications. The **Data Traffic Supervisor**® was developed using Inprise's **Delphi**®, a complete application development tool that provides power and flexibility for the PC environment, whether stand alone or distributed in a network.

Full Data Collection Supervisory Functions

- Collects and validates messages received from barcode readers

- Provides two-way communications between the PC and production workers using the bar code or other ADC (automated data collection) network

- Imports and exports files easily for transfer between the PC and host computers or networks

- Schedules and then automatically executes one or more tasks on a regular basis, such as printing daily reports

- Manages the downloading of programs and data to the bar code ADC terminal network

Application Development Tools

- Applications can be customized or created from scratch, with Inprise's powerful Delphi® programming language, and the in house data base of choice.

Configuration Flexibility

- Supports cabled or RF configurations with many different readers and printers

- Equally suited to standalone or networked PCs

- Operates with all major PC compatible LANs

- Ethernet TCP/IP

- ODBC allows a choice of many data bases

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Product Applications
Data Traffic Supervisor can be used with:
Application Modules for:
Work-in-Process
Labor Tracking
Time and Attendance
Inventory
Quality Control
Complete Installation and Training is Available

Intermec
Premier Solutions Partner
DATA COLLECTION SYSTEMS

PERCON

PSC