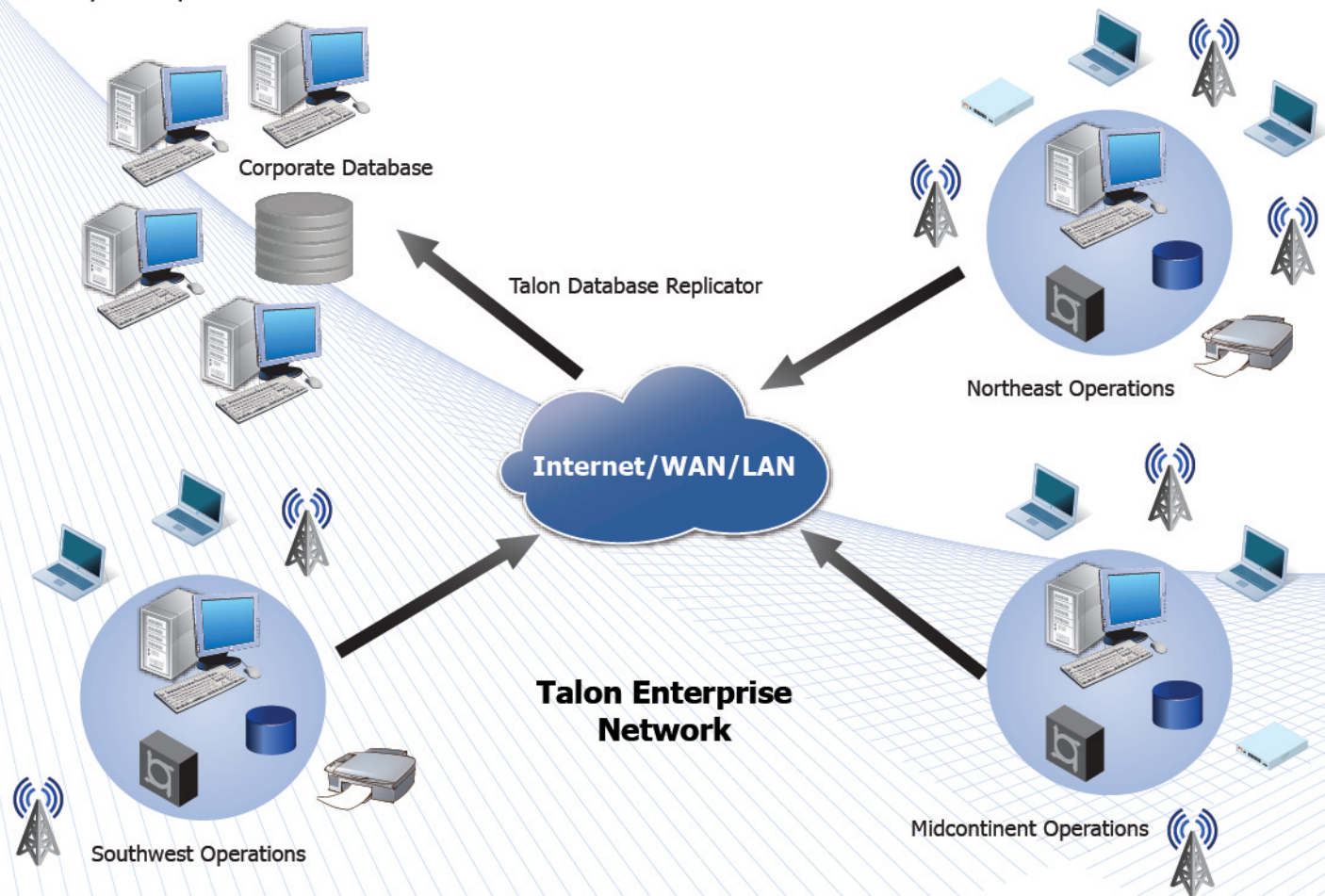# Talon Enterprise™

Talon Enterprise™ provides a company-wide software network platform to perform the functions that are often segregated into separate SCADA and Electronic Measurement Systems. The **Talon™** family of software gives the user the ability to create a powerful host platform that meets specific and distributed data collection requirements.

The modular and flexible design offers the option to purchase only the specific modules needed, and the ability to expand the system with additional features by adding new modules as system requirements change. Software modules can be configured for both central office and/or field operations, and then deployed across either a Wide Area or Local Area Network. The users and groups function offers password access/control for viewing, editing, and other administrative functions. User shift schedules are managed in the software for alarming and reporting through e-mail, SMS, and voice calls using the optional **Alert Server™** module.

In the current energy environment, many companies are scattered across state and international boundaries. Having the ability to distribute **Talon Enterprise™** Modules across the network infrastructure puts data collection and management closer to the source of the data, resulting in improved overall system performance.

Corporate Database

Talon Database Replicator

Internet/WAN/LAN

Northeast Operations

Talon Enterprise Network

Southwest Operations

Midcontinent Operations

TALON ENTERPRISE™

EAGLE RESEARCH CORPORATION

Optional Features:

- Voice Alert (Cry-Out)
  - Voice, Email, SMS
- Data Exporters
  - Data Replicators for Industry Standard Databases MS SQL® & Oracle®
  - FLOW-CAL® Data Exporter, Various Reporting Packages
- ActiveX Control for MS Excel®
- High Level, Distributed Process Graphics
- Web Exports for Data & Graphics
- Expandable to (64) serial and (64) TCP/IP ports
- Off-Site Comm Server (TCP/IP)
- WatchDog Module

Related Services:

- Specification Development
- Custom Screen Design, Import, and Report Writing
- System Start-up & Test
- Web Publishing
- Various Levels of Training
- Support Packages

Embedded Graphics:

- Add Graphic Objects to display data
- Add Photos & Diagrams
- Group information

Interactive Host Based Alarms:

- Using the Talon™ ActiveX Option, calls can be made directly to the Talon™ Database, and then used in custom built Excel® Spreadsheets

No Limitations:

- Add Graphics, Live Data, VB Controls to build a working Annunciator Panel inside the Excel® working environment

Overview:

- Windows® Operating System: Server, XP, Windows 7®
- RTU Programming Support Package
- Multi-Level Passwords
- Modular Design for Scalable Deployments
  - Communications Server
    · Support for Single Server, Corporate, or Distributed Wide Area
  - PC Compatible Flat-File Version
    · Multi-PC LAN Support Through Drive Mapping
  - Client – Server Database Version
    · Support for MS SQL®, Access®, Oracle®
    · Support for Single DB or Distributed Wide Area
- Base Components
  - Desktop Explorer, Scheduler, Reporting Tool, Embedded Graphics, Comm Server, and Auto Reporting

Desktop Clients

Field Devices

System Control 24/7 Monitoring All Screens

Communications Server

Voice Alert Server Modem

LAN

ERC TALON SCADA

MS SQL Database Replicator

GEM All Screens Full Access/Control

Gas Operations Read Only

Fuels Read Only Active X

Engineering Read Only

Planning Read Only Active X