

Remote Administration



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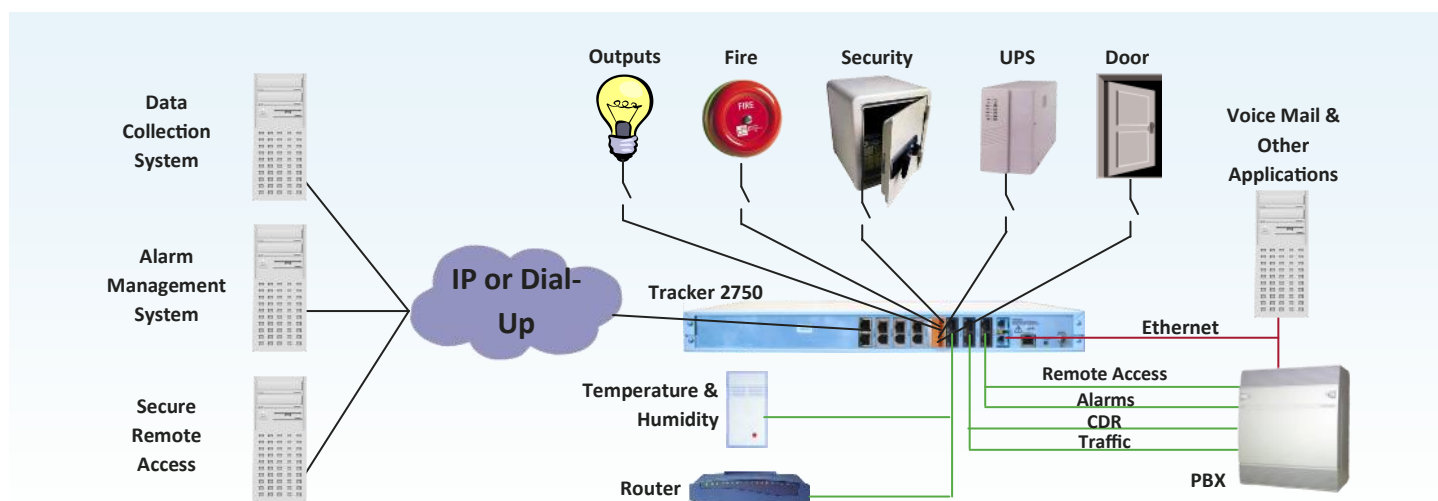
TRACKER 2750



The following expansion cards can be fitted to the Tracker 2750:

- Linux based OS
- 96MB — 1GB data storage
- Local console port
- Space for nine expansion cards
- Single or dual 10/100MB Ethernet card
- Single or dual V.92 modem card
- Single or dual serial RS-232 card with RJ45 interface
- Contact closure card with 8 inputs or outputs

The Tracker 2700 series of products from Data Track Technology provides an intelligent platform for performing secure and robust administration of remote network devices such as PBXs and routers. The Tracker 2750 is the top level entry in the series and features nine expansion ports to enable secure connections to the administrative interfaces of managed devices. All products in the Tracker 2700 series incorporate security features designed to complement and enhance existing network infrastructure security. In addition, a secure program development and runtime environment allows Tracker 2700 products to run custom applications that deliver value-added administrative services within voice and data networks.



SYSTEM ADMINISTRATION

Secure Remote Access

Secure access to the administrative interfaces of network devices can be established with any or all of the following capabilities:

- 🔒 Username / Password** – An unlimited number can be setup. Profiles for each individual user can be established to control which devices and/or applications can be accessed.
- 🔒🔒 Restricted Answering** - The Tracker 2750 can be programmed to only accept PSTN communications from specific phone numbers or ranges. A built-in packet filtering firewall can be used to restrict Ethernet access to specific IP addresses.
- 🔒🔒🔒 Two Factor Authentication (AES)** - Connection to the 2750 over a dial up link must be made using a Tracker 2720 modem having the same 64 character key (using AES technology to encrypt a challenge and response session).
- 🔒🔒🔒🔒 PPP Session** - Uses the industry standard dial-up networking protocol.
- 🔒🔒🔒🔒 PPTP VPN Tunnel** - The Tracker 2750 can act as a VPN endpoint, supporting the Microsoft point to point encryption scheme.
- 🔒🔒🔒🔒🔒 Secure Shell (SSH)** - The Tracker 2740 supports SSH; creating secure channels to send and receive commands and files.



SYSTEM ADMINISTRATION



Remote Power Management

Network devices can be remotely power-cycled (in conjunction with an intelligent power controller), either individually, collectively or sequentially.

Configuration Management

Equipment configuration files can be automatically backed up by the Tracker 2750; these can be remotely accessed and restored by an authorised administrator if required.

Data Storage

Data such as CDR's from a PBX or logs from a router or sensor can be stored for later remote collection.

Auditing

The Tracker 2750 records session activity to provide an audit trail of access and operation.

DEVICE MONITORING

Alarm Management

The Tracker 2750 can be used to detect, filter, and report alarm data (SNMP and non-SNMP). Alarms can be forwarded to one or more management centres.

Health Check

The Tracker 2750 is able to check the basic status of devices on TCP/IP networks. After a set number of failures, an alert can be generated and delivered over IP or dial up connections using SNMP or ASCII format.

Environmental

In conjunction with an external probe (such as a Tracker 2610 or other approved device), environmental conditions such as temperature and humidity can be monitored that trigger alerts when defined thresholds are crossed. External devices such as an uninterruptible power supplies and physical security systems can be monitored via contact closures.



VOICE MANAGEMENT

Fraud Detection

The Tracker 2750 checks SMDR data in real time against user defined criteria looking for possible fraudulent traffic. An alarm is sent when a pre-determined toll fraud signature is detected; the alarm includes the last call record that triggered the alert.

PROGRAMMABLE PLATFORM

The Tracker 2750 is a programmable platform that utilises the Python scripting language and an associated SDK. Customers are therefore not restricted to a fixed set of applications. New applications can be developed by either Data Track, the customer or a Data Track development partner to match a specific set of customer requirements.

PHYSICAL & ELECTRICAL SPECIFICATIONS

Unit Size: Desktop - Width 260 mm (10¼"), 19" Rackmount - Width 983 mm (19")
x Height 44 mm (1¾") x Depth 216 mm (8.½"). Weight 2.14 kg (4.7 lbs)

Power: +9v DC supplied by external AC adapter



Designed to work on all European Union and North American PSTN networks.

Data Track is a quality ISO 9001:2000 certified company.

