KANTECH

entraPASS™ Dial-up

Version 3
ACCESS CONTROL SYSTEM

DSC

ACCESS CONTROL AND INTEGRATED SYSTEMS

Multiple Award Winning EntraPass Now with Remote Site Dial-Up!

We managed to improve one of the industry's finest and most successful access control system software! Now, the multiple award winning EntraPass delivers remote site dial-up functionality like no one else does. The all-inclusive, feature-rich EntraPass provides functions usually only found in systems costing several times as much. Also, unique features such as Express SetUp, DriverBuilder, SmartLink and Visual Status still can't be found anywhere else!

SPECIFIER'S CHOICE AWARD NEW YORK 1995

DEALER'S CHOICE AWARD LAS VEGAS 1996

ACCESS CONTROL PRODUCT ACHIEVEMENT AWARD NEW YORK 1995

Remote Site Version - Full Feature Dial-Up

The **EntraPass Remote Site** Version provides the capacity to manage up to 256 remote dial-up sites as a single system. There can be up to 64 readers per site (32 KT-300 door controllers) for a system maximum of 512 readers (256 KT-300). A maximum of 30,000 users can also be defined in the system. All operator functions have been designed to make such a large system easy to manage. Card definition, schedules, access levels, etc. can be modified in the host computer by the operator at any time. The operator determines whether the update to the remote sites should be done immediately according to a schedule or the next time the site dials in.

The Remote Sites will Dial-In Under 3 Definable Conditions

1) An event configured to be reported immediately has occurred, such as door forced open.
2) According to a pre-defined schedule such as Tuesdays at 1:06AM.
3) When the local system memory buffer has reached 70% of capacity.

When a remote site dials in, the system can be configured to display specific response instructions together with a graphic map of the location of the site and of the specific alarm.

Remote Site

At the remote site the first KT-300 door controller on the loop is connected to the local modem. The modem must be connected to a phone line that will always be available when needed by the system. By using a modem that can detect a distinctive ring where available, the system can share a line that is used for other purposes, such as a fax, for example, the modem is set to answer the phone first when its distinctive ring is detected.

Local Loops

A local loop of 32 KT-300 controllers (64 readers) can be connected directly to the host computer. The local site is considered by the system as one of the remote sites and will be automatically disconnected from the host during transmissions to other sites.

Host Remote Control

With additional remote control software, the host itself can be maintained from anywhere using dial-up modems.

Data Distribution

Card user information, access levels, schedules and other database information is kept in the non-volatile memory of every controller thus providing fast response and stand-alone operation.

Multiple Reader Technology

Supports most popular reader technologies including wiegand, proximity, polaris, magnetic stripe, bar code, keypads and many others.

Automatic

Unlocks doors, activates relays, monitors inputs, prepares reports, all according to schedules or system events.

Optional Expansion Modules

Using the KT-300 controller and its built-in Combus, you can provide greater flexibility to the EntraPass Access Control System. The KT-300 controller can support different expansion modules, such as: relay modules, input modules, output modules and an LCD keypad for time & attendance display.

Anti-Passback Feature

By controller: Hard or Soft with "forgive".

Automatic Reports

Pre-defined weekly or monthly reports that are automatically prepared by the system according to a schedule that you define.

System Capacities with KT-300

Features	Entra-LS	Entra-RS
Number of cards KT-300/128k	30,000 (on-line)	8,000
Number of cards KT-300/512k	30,000	30,000
Card Families or site codes	No limit	No limit
Remote Dial-Up sites	n/a	256
Door controllers KT-300	32	256 (32 per site)
Card readers	64	512 (64 per site)
Monitored points (with KT-PC4108s)	256 (512)	2048 (4096)
Door lock outputs	64	512 (64 per site)
Auxiliary outputs for reader LEDs and door alarms	128	1024 (128 per site)
Elevator floors per cab (with KT-PC4216s)	64	64
Card user access levels	250	250
Schedules of 4 time zones each	100	100
Holidays	366	366
Operator workstations	1	1
System operator passwords	99	99
Operator security levels	1 fixed / 8prog.	1 fixed / 8prog.
Concurrent operator languages	2	2
Remote terminals	1	1
Number of printers	2	2

DSC GROUP OF COMPANIES

Response Instructions and Graphic Display

For every device or event of the system, display up to 6 lines of 60 characters of specific response instructions. Hit a key and view a detailed color graphic identifying the alarm point and its condition.

Electronic Log Book

Operators can log their comments in the electronic log book. Other operators can view previous logs.

Time and Attendance

Record entries and exits at selected readers and print time sheets with totals by employee or department, or download all the data to a commercial payroll software.

Function Key Commands

Display graphics; get status from a monitor point, relay or door; activate a relay; unlock a door; change card anti-passback status; enable or disable door elevator readers; unlock or relock a door. All these commands are available to authorized operators by using the function keys.

SmartLink

Connect to other intelligent devices such as video matrix switchers or pagers. SmartLink is an installer tool that creates an actual software interface using simple macro commands.

Visual Status

View on screen the status of any door controller visually and in real-time.

Driver Builder

You need to interface our mag-stripe or bar code reader to existing cards? Easy! Just swipe the card in a reader and the DriverBuilder will display the card format for you right on the screen and, in most cases, even suggest the appropriate settings. You no longer need a "special" driver designed for that special requirement. It can now be done by the installer, on site!

NotePad Screen

Once an event has been acknowledged by the operator, it is stored on the NotePad screen and will remain there until it is manually removed. It is a practical way to store and further document an event. Other operators can view the information of the event and even add their own notes to complement the event as new information becomes available.

Ordering Information

The EntraPass is available in either local site or remote site version. The software is shipped with a detailed manual and 30 meters (100') of communication cable terminated with DB9 and DB25 computer connectors.

You can also upgrade from an existing single site version (or V1/V2 EntraPass) by ordering an upgrade.

ENTRA-LS:	EntraPass V3 Local site software and cable/connector set.
ENTRA-LS/UPG:	Upgrade from EntraPass 8/16/32/64 V1/V2 to ENTRA-LS V3
ENTRA-RS:	EntraPass V3 Remote site dial-up software and cable/connector set.
ENTRA-RS/UPG:	Upgrade from EntraPass 8/16/32/64 or ENTRA-LS V2/V3 to ENTRA-RS

Tested Modems (North America only):

DU-MODEM-HOST:	Dial-up external modem for host site with CBLK-12 cable.
DU-MODEM-RS:	Dial-up external modem for remote site with CBLK-11 cable.

EntraPass System Diagram

Computer Requirements:
- 486-50MHZ processor
- 4 Mb RAM (8 or 16 is recommended)
- 10 Mb free hard disk space for installation and 10 Mb per 400,000 events archived on the disk
- VGA graphics adaptor
- 576k DOS free of conventional memory

Note:
EntraPass V3 is also compatible with KT-200. However, KT-300 and KT-200 cannot be used together on the same system.

Note:
An optional VC-485 is required if the RS-232 cable distance between the host computer and the first KT-300 is more than 60 meters (200 feet).

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