



# ACCESS AnyWHERE

ACCESS CONTROL SYSTEM

SECURITY & PARKING MANAGEMENT  
FOR NETWORKS

CORPORATION  
**TOYE**  
ACCESS CONTROL SYSTEMS

# SYSTEM HIGHLIGHTS



## CARD ACCESS

- Any Number Of Entry Points
- Use Any Reader Technology
- Stand-Alone Readers
- 100,000 card capacity
- Microsoft Access User Interface
- Fully Networkable
- Who's In Display



You can define the access status of every cardholder; when they can enter, which days, which doors, and which holidays. All transactions are archived to a hard disk file so that they can be retrieved for visual or printed reports at any time in the future. You can even export your transaction data to another file format for Time & Attendance reporting.

The system is designed to grow when your needs grow. It will control as many cards, and as many entry points as you will ever need. Every reader is independent, so when you need to add additional entry points in the future, just connect them directly to the system's network cable.

## ALARM MONITORING



- Audible Annunciation
- Up To 2000 Monitor Inputs
- Relay Output response
- Pop-Up Graphics
- Keypad Shunting
- Text & E-Mail Messaging

You can monitor up to 2,000 individual alarm points, and you can decide when each should report, and when each should be silent. Incoming alarms are annunciated visually and with "beeps" in case you are working in another program. Alarm points can be displayed as a full color graphic floor plans, and they can be programmed to unlock specified doors in an emergency.

In addition, alarm inputs can activate relays to turn on lights, or control CCTV cameras. For an instant security check, we have a special display screen dedicated to showing the status of every active alarm.

## ELEVATOR CONTROL



- Floor Specific Access
- Public Access Time Periods
- Fail Safe or Fail Secure
- Keypad Floor Selection
- Floor Access Reports (optional)
- Tenant Group Programming

With our optional Output Modules, the software will let you designate exactly which floors, and during which times and days each cardholder may gain floor access. You can program free public access days and times, and secure days and times, and like all other user defined parameters, you can program holiday exceptions, and specific date ranges which require special programming scenarios.

The system will control virtually any number of floors and any number cars with each cardholder programmed for access to any combination of floors and cars.

## PARKING MANAGEMENT



- Anti-Pass-Back (all variations)
- Space Counting, Full Sign Control
- Tenant Space Allocation
- Car Pool Control
- Revenue Control & Cashiering
- Machine readable tickets

We've integrated our industry acclaimed parking management software into the system. It includes every variation of Anti-Pass-Back with selectable Soft or Hard enforcement at either or both entrances or exits with valet and staff exemption levels. For lots without exit readers, there is every variation of Timed Anti-Pass-Back with menu selectable recycle times. Also available is Hard Nesting, Car Pool Control, and Tenant Specific Space Allocation.

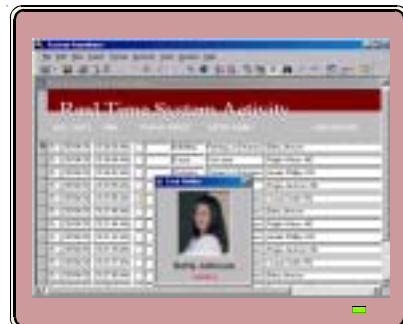
Up to 80 (or more) Electronic Counters can count up, count down, or count differentially to control lot full signs. Included are counter activity reports, and a special *spread sheet* style daily reconciliation report.

# SOFTWARE HIGHLIGHTS

## OUR REAL TIME EVENTS WINDOW

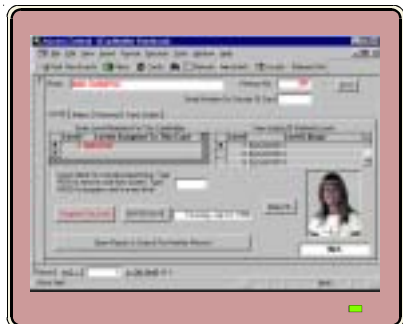
No high end access control software is simpler to use. It features a live Dynamic screen which displays access control events as they occur. You can double click any incoming transaction to display the database record for that particular individual, then you can return to the live transactions after you've verified their identity. If you have a database of employee photographs, they can be displayed in a pop-up window when their card is used for access.

A special Tool Bar provides instant functions such as "Unlock A Door", or locate a record based on the type of vehicle or its license plate number.



## CARDHOLDER MANAGEMENT

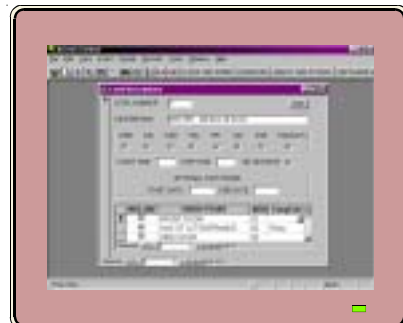
MS Access brings an industry standard platform to access control providing users with the tools and choices to manage cardholder information the way they want. Employee records can be imported, or linked from other sources to eliminate redundancy if the data already exists. Conversely, other programs can link to the Access Anywhere database over networks so that others can be authorized to view and change data.



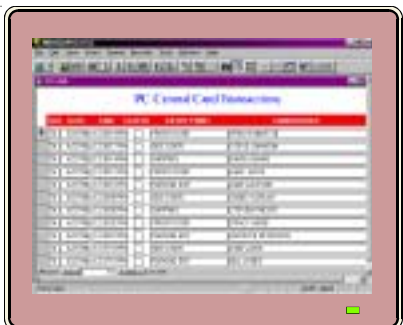
Access Anywhere logs all operator programming activity providing an audit trail of exactly when programming changes were made, and who made the changes. This information is maintained in our Password Manager module which is accessible only with the administrator's special password.

## SECURITY LEVELS & TIME ZONES

Defining exactly how you want the system to respond to card entry requests takes only a few minutes. Security Levels are used to create access status groupings. You can define as many Levels as you wish. Level 1 might be defined to include all doors, every day, all day. Any cardholder who enjoys unlimited access would simply be assigned to Level 1. A more restrictive level might be only three entry points, 5 days a week, from 8:00 to 5:00. You can even define Levels that automatically start on a specific date, and expire on another for temporary personnel. Every Level can be automatically adjusted for holidays and day light savings time.



## ACTIVITY REPORTS



Every transaction is logged to a disk file for future review and for printed reports. You can specify virtually any size archive file containing up to several hundred thousand stored transactions.

You can create and print out instant reports using your mouse to filter and select records based on days, times, or any combination of selection criteria. With the new Windows 95 Microsoft Access Interface, you can customize log entries to include expanded data such as department or license plate numbers, and text descriptions of entry points.



# Why MICROSOFT ACCESS?

## At Long Last, "Open Architecture"

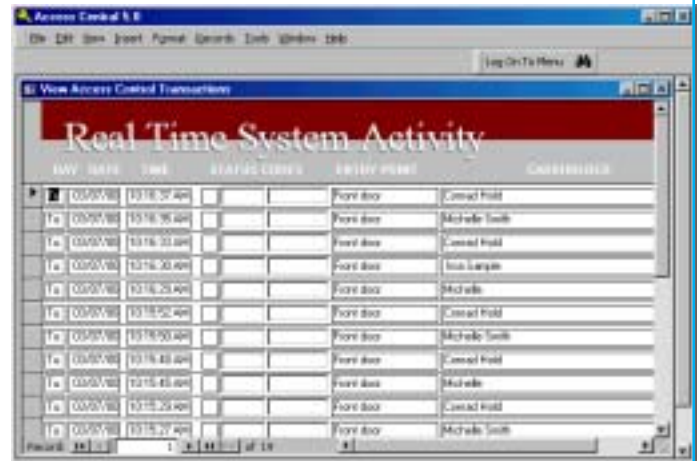
Microsoft has created the perfect program for Security Management appropriately named *Access*. We simply developed an interface to all the popular card reader technologies, and the security features no system should be without.



Now the world's most popular database program, Microsoft Access has revolutionized the way business manages its business. It is literally a program that is all things to all people because Microsoft has provided simple tools called *Wizards* to create application specific software to make it do whatever you need it to.

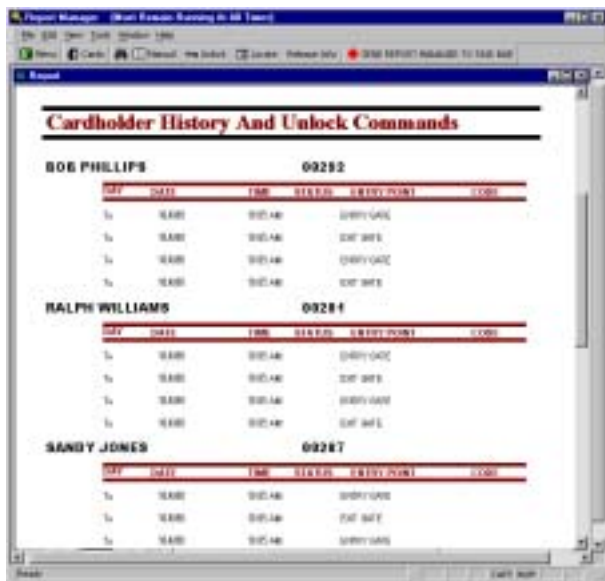
It's almost like having your own in-house software programmer. Need a custom report? Just click on the *Wizard*. It steps you through the process of selecting what you want to report, and the final result is a professional looking document that would have once required hundreds of dollars of custom programming time.

Our *Access Anywhere* system uses the off-the-shelf version of MS Access so you can always customize it the way you want, or use it as is. We even include the source code so that users with a working knowledge of MS Access can modify or add anything they wish.



View Event Activity As It Occurs

Our *Access Anywhere* system uses the off-the-shelf version of MS Access so you can always customize it the way you want, or use it as is. We even include the source code so that users with a working knowledge of MS Access can modify or add anything they wish.



Create The Reports You Need

Already included are all the high end features for Building Security, Parking, Elevator Control, even Time Keeping. We've also included Alarm Monitoring and Digital I.D. Badging.

*Access Anywhere* is truly a security industry first. This is a system that finally eliminates the high cost of proprietary software and its rapid obsolescence. It returns software control back to the customer, providing all the tools and user functions provided by a commercial software package.

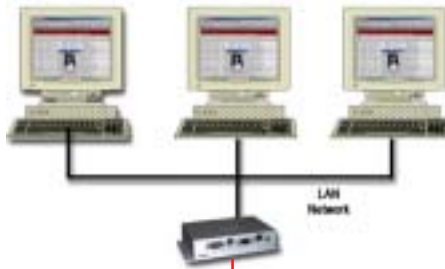
# SYSTEM FIELD CONFIGURATION OPTIONS

## PC BASED SYSTEM



**Option 1**  
**Direct Connect To A "PC"**  
 System field bus connects directly to the serial port of a dedicated "PC".

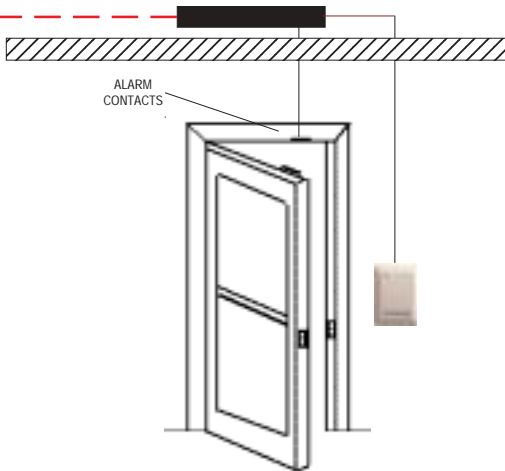
## NETWORK CONTROLLER BASED SYSTEM



**Option 2**  
**Network Controller**

System field bus connects to a Network Controller which in turn communicates with one or more "PC"s connected to a network.

## THE COMMAND MODULE IS THE HEART OF ENTRY POINT CONTROL



### WHAT THE COMMAND MODULE CAN CONTROL

#### One Or Two Card Readers



The Command Module supports readers of virtually any of the popular technologies including Differential Optics, Bar Code, Mag Stripe, Proximity, Touch and Radio Key.

#### One Or Two Keypads



You can use a common code, or individual P.I.N. numbers, and you can select Card + P.I.N. or Card or P.I.N. You can control these options by time and day.

#### Alarm/Counter Inputs



There are monitor inputs for each door that may be used for Alarms and/or Space Counting, and inputs for Request To Exit that will unlock and shunt an alarm on egress.

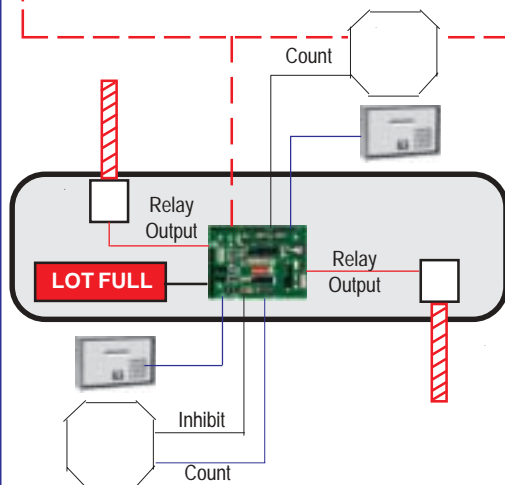
#### Two Programmable Relay Outputs



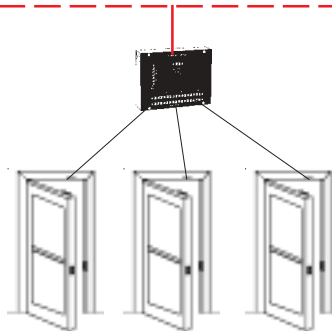
Two Form C double pole relays have adjustable timers for Unlock and Alarm Shunting, and may be time scheduled for sustained activation by day, time, and holidays.

The Command Module may be placed inside a reader housing or remotely such as above the door or in a gate housing. It communicates directly with the computer via a two twisted pair cable network, fiber optics, phone line, or modem. There are no field concentrator panels.

## PARKING ACCESS & SPACE COUNTING

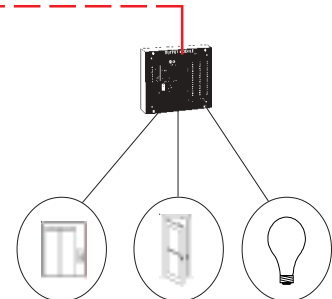


## 16 INPUT MODULE



Inputs for up to 16 alarm zones or space counts. Features programmable shunt and enable periods. System will support up to 100 Input Modules.

## 16 RELAY OUTPUT MODULE



Each of 16 relays may be programmed for pulsed or continuous operation. Individual relays may be programmed for time scheduled activation, or may be pulsed by card insertions (elevator control), or in response to alarm inputs.

# FEATURES & SPECIFICATIONS

## Customer Provided Equipment

**COMPUTER** ("PC" based) : Windows 95, 98 2 GB Hard Disk, 256 megabyte RAM, RS-232 port COM 1

**COMPUTER** (Network Controller based) : Windows 9x, NT, 2000, ME, XP. 2 GB hard disk, 256 megabyte RAM, 10/100 Ethernet Card

**PRE-INSTALLED SOFTWARE REQUIRED:** MS Access97 or higher

## Toye Corporation Equipment

**NETWORK CONTROLLER:** Model 4200-PEN (Network Controller based system)

Dimensions: 1" H x 6" W x .4" D

**RS-232 CONVERTER** ("PC" based system): Converts system RS-485 field signals to computer compatible RS-232 signals. Dimensions: .620" H x 2.25" W x 2.25" D (1.58 x 5.7 x 5.7 CM)

**COMMAND MODULE:** One or Two reader models available. Input: 12-24 VDC (12V adapter supplied). Module board dimensions: 7.5" H x 5.625 W x .750 D (19 x 14.3 x 2 CM). Module box size: 7" H x 9" W x 2" D (17.8 x 23 x 5 CM)

**READERS:** See individual specifications for models and optional housings.

**16 INPUT MODULE:** For alarms or space count inputs. Input is 24 Volts AC or DC. Module box size: 7" H x 9" W x 2" D (17.8 x 23 x 5 CM)

**MULTI-POINT I/O MODULE:** Provides 8 inputs, and 2 outputs. May be used for elevator floor control like the 16 Input Module. Input is 24 Volts AC or DC. Module board dimensions: 7.5" H x 5.625 W x .750 D (19 x 14.3 x 2 CM). Module box size: 7" H x 9" W x 2" D (17.8 x 23 x 5 CM)

**16 RELAY OUTPUT MODULE:** Programmable outputs for elevator control or scheduled events. Input is 24 Volts AC or DC. Module box size: 7" H x 9" W x 2" D (17.8 x 23 x 5 CM)

**ANNUNCIATOR MODULE:** Provides momentary relay closures for incoming alarms. Input is 24 Volts AC or DC. Module board dimensions: 7.5" H x 5.625 W x .750 D (19 x 14.3 x 2 CM). Module box size: 7" H x 9" W x 2" D (17.8 x 23 x 5 CM)

**FIELD WIRING:** Two twisted pair #22 with an over-all shield. Maximum length including stubs is 4,000 feet. In-line boosters are available for runs of any distance. Twisted pair phone line wire is also acceptable. All industry standard communication media such as Fiber Optic and RF links may be used.

**DATA SPLITTER:** (Optional) Needed for multiple buss inputs at the CPU. Dimensions: .620" H x 2.25" W x 2.25" D (1.58 x 5.7 x 5.7 CM)

**MODEMS:** Remote sites may be connected to the system via 202T type full duplex asynchronous modems over 3002 C2 telco conditioned lines.

**Note:** Some features must be specified at the time of the order and may be limited by other features or other factors such as the specific computer to be used, or by its configuration or its capacity. Always confirm the applicability of the required configuration before ordering. Features and specifications are subject to change without notice.

## Software

- Microsoft Access Interface
- Prints Digital I.D. Cards
- Custom Reports
- Password Manager
- 65,000 Cardholder capacity
- Up to 256 Security Access Levels
- Automatic self-loading on power up
- Automatic daylight savings time adjustment
- Optional software for 9 digit numbers
- Supervisor Must Be First Option
- Instant Keyboard Unlock of any door
- 32 user defined holiday exceptions
- Full bidirectional field device supervision

## Readers

- Independent entry points (No central panels)
- 127 reader capacity per Com Port or per N/C
- Support for all card technologies

## Keypads

- Keypad activation time period scheduling
- Card plus Keypad entry (Requires keypad)
- Card only or Keypad only entry
- Scrambled or non scrambled numbers

## Alarm Input Features

- 2000 alarm monitoring capacity
- Time, Day, and holiday shunt schedules
- Specific date shunt schedules
- User definable alarm annunciation text
- Color floor plan graphic display capability
- Alarm inputs can trigger output relays
- Alarm inputs can trigger "PC" BATCH file

## Output Relays

- Programmable by time, days, & holidays
- Programmable by specific dates
- May be triggered by card transactions
- May be triggered by alarm inputs

## Reports

- High Capacity Hard disk transaction storage
- Activity Reports by selection criteria
- Time & Attendance Reports
- Revenue Time/Vehicle Reports
- Operator Log-On Reports

## Elevator Control

- Floor specific card programming
- Secure and public access scheduling
- Fail safe or fail secure modes
- Keypad floor selection (for floor access tracking)

## Parking Management

- In-Exit Anti-Pass-Back
- Timed Anti-Pass-Back (Screen selectable times)
- Entrances or exits may be Hard or Soft
- Anti-Pass-Back exemption levels (valet & v.i.p.)
- Space Counting (Incremental or Differential)
- Lot full sign control
- Real Time counter status display
- Car Pool control (unique numbers for each member)
- Pay On Foot Exit cashiering

## Optional Software

- Annunciation Package**  
Event annunciation by sound, image, e-mail, or text messaging from any work station
  - Emergency Toggle Modes**  
Define emergency scenarios that can be put into action manually or automatically.
  - Automatic Log Download Retrieval**  
Use Windows scheduler to download log events
  - Card Use Debiting**  
Allows a specific number of pre-programmed card uses in specifically designated reader.
  - V.I.P. Tracking (Dr.'s Register)**  
Lists cardholders currently on site.
  - Tenant Billing**  
Generates monthly invoices itemizing fees for each cardholder for each tenant. Features positive posting
  - Reserved Space Management**  
Designate any number of reserved spaces for each tenant group. Denies entry when designated spaces are used.
- This feature is included and need not be specified**
- This feature or parameter must be specified when ordering the system**

# FEATURED READERS

Toye Corporation is an OEM supplier of both the Motorola and HID line of readers in addition to the Toye readers shown below

## MiniProxPlus



- A Full 6" RANGE
- MOUNTS ON METAL
- Only 1.5" x 3.5"
- LED AND BUZZER

## WallSwitchPROX



- A Full 8" RANGE
- MOUNTS SINGLE GANG BOX
- Only 3.2" x 4.5"
- LED AND BUZZER

## MaxiProxPlus



- 30" TO 36" RANGE
- WEATHER PROOF
- Only 12" x 12"
- LED AND BUZZER

## High End MAG STRIPE



- WEATHER PROOF
- SURFACE MOUNT
- Reads TRACK 1 AND 2
- ALL FORMATS

## High End BAR CODE



- WEATHER PROOF
- SURFACE MOUNT
- Reads ALL FORMATS

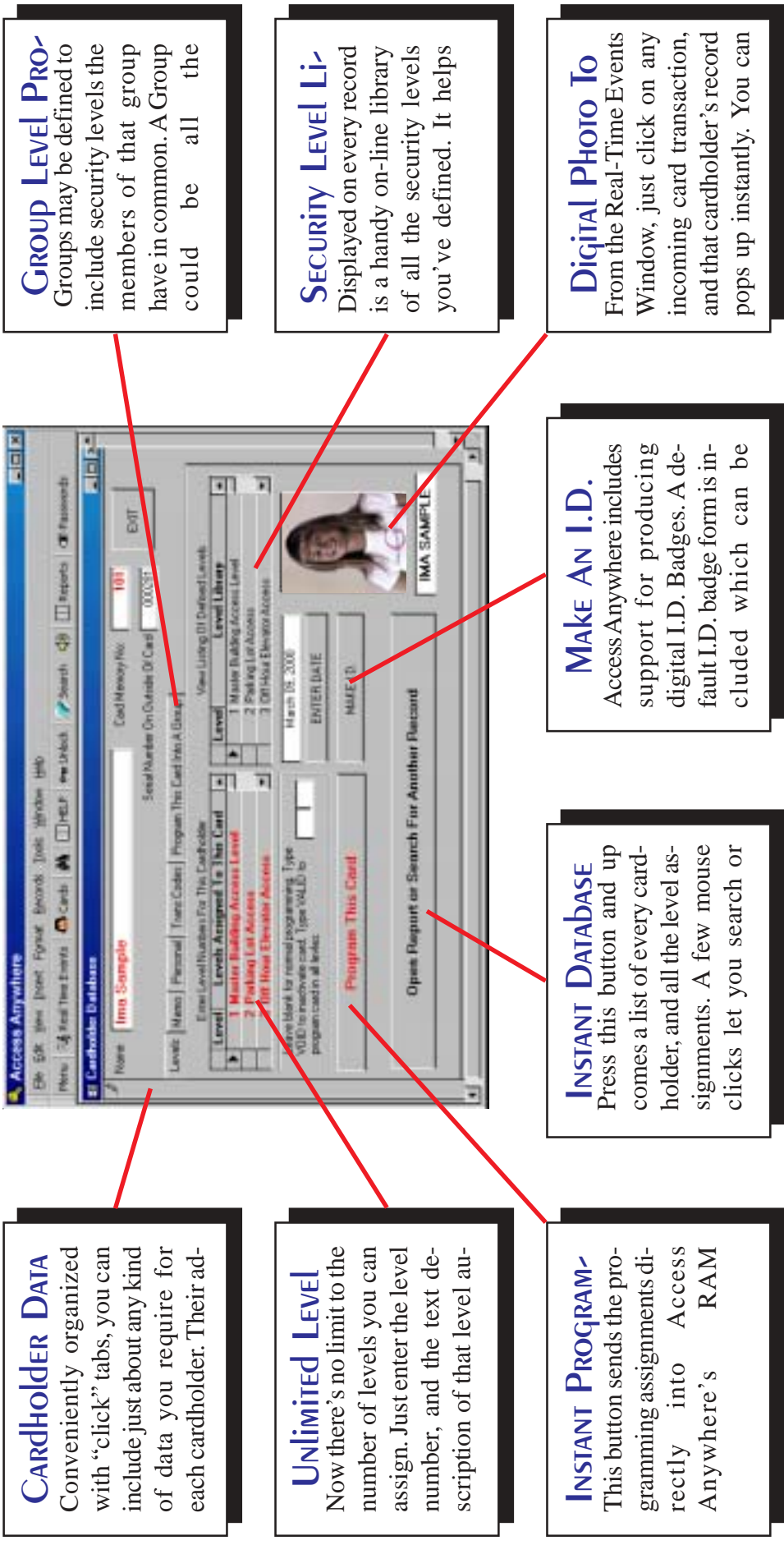
## SMARTClick



- 40 FOOT RANGE
- 1 OR 2 BUTTON TRANSMITTERS
- Use With ANY TOYE SYSTEM

**TOYE CORPORATION**  
**Chatsworth • CA • (818) 882-4000**  
<http://www.toyecorp.com>

# ACCESS ANYWHERE



**CARDHOLDER DATA**  
Conveniently organized with “click” tabs, you can include just about any kind of data you require for each cardholder. Their ad-

**UNLIMITED LEVEL**  
Now there’s no limit to the number of levels you can assign. Just enter the level number, and the text description of that level au-

**INSTANT PROGRAM-**  
This button sends the programming assignments directly into Access Anywhere’s RAM

**GROUP LEVEL PRO-**  
Groups may be defined to include security levels the members of that group have in common. A Group could be all the

**SECURITY LEVEL Li-**  
Displayed on every record is a handy on-line library of all the security levels you’ve defined. It helps

**DIGITAL PHOTO To**  
From the Real-Time Events Window, just click on any incoming card transaction, and that cardholder’s record pops up instantly. You can

**MAKE AN I.D.**  
Access Anywhere includes support for producing digital I.D. Badges. A default I.D. badge form is included which can be

**INSTANT DATABASE**  
Press this button and up comes a list of every cardholder, and all the level assignments. A few mouse clicks let you search or

**INSTANT PROGRAM-**  
This button sends the programming assignments directly into Access Anywhere’s RAM