



COMPUTER ACCESS CONTROL

Computer Access

i-ax Computer Access Control is a new concept in access control designed to regulate the use of network-based PC clients.

i-ax provides both 'Operator and Client Access Control' on any PC connected to a network, allowing dynamic control of each workstation and operator. This allows an administrator to define exactly who, when and for how long a client is used, as well as providing accurate reports on that use.

The system is ideal for corporate, government or educational establishments that require definitive and complete control and audit of the use of any PC on their network. This provides a myriad of system administrator possibilities, with auto logoff, asset tracking, time limits, time & attendance and administrator functions.

When linked with the *i-ax* Event Controller complete access management is possible. This means that computer systems and web access can be restricted to those authorised to be at the location.

WebAccess

In addition to the standard features, WebAccess provides full control on internet usage together with monitoring by operator/client. Zones and dayfile set-ups can be programmed by level of use as to specific times and overall amount of time that a particular operator/PC can access the internet via the network, or prohibit use altogether.

StudentAccess

The Computer Access Control module of *i-ax* has its origins as 'NetAccess' in the University sector. It provides PC client logon limits, by area/client department, on current usage within a zone. In addition StudentAccess allows, via zoning, specified groups access or not, to the client at dedicated times.

 *bringing security to a single point*

NetAccess Management Console (NMC)

Utilise NMC by connecting it to the clients LAN/WAN Domain Controller and monitor specific logon(s) at selected workstation name addresses on the network. Each logon would be logged with the time and user ID stored in a specific logfile. The NMC system includes the following features:

- Operator Management
- Reports Wizard
- SQL Report Writer and Wizard
- Connection Setup and Monitor
- Messaging Setup
- ID Card & Access Security Link

Server Setup

All system servers may be monitored and be set up by a menu with full historic details:

Address/Name	(Automatic)
Location	(Alpha Numeric)
Operating System	(Alpha Numeric)
Make/Model	(Alpha Numeric)
Special Notes/Repair Log	(Alpha Numeric)

Workstation Manager

When a server is set up on NMC, selected workstation addresses can then be added to the following menu:

Address/Name	(Automatic)
Location	(Alpha Numeric)
Operating System	(Alpha Numeric)
Make/Model	(Alpha Numeric)
Special Notes/Repair Log	(Alpha Numeric)

Computer Zones

The purpose of zones is to allocate certain PC terminals within an area to a specific zone. When terminals within the designated zone reach a predefined number of logons the defined access control automatically starts according to the setup within the Zone Security Plan.

Groups

Each account/person is allocated to a group and the rights for access to any client/server are defined by which groups can logon at a time.

Security Plan

Each zone follows a monitoring pattern and reaction according to the Security Plan setup (Max Security Plan 20) therefore separate actions and charge rates can be setup for different days of the week or times. Security Plan can be globally attached to specific days of the week or individual days, so Zone 1, Dayfile 1 could be allocated to Monday - Friday for the period between September 20 - December 20. Dayfile 2 to Saturdays and Sundays etc.

Charge Rates

Each logon at a designated PC within a zone automatically follows the dayfile and attaches a Charge Rate Code to the 'Event' within the logfile. Subsequent reports are able to calculate the time used by a specific user together with the total hours within any charge rate.

Overrides

The system allows set up and monitoring of specific overrides by terminal, zone(s) or dayfile(s), allowing System Managers to carry out instant changes to the Access Control (subject to operator rights).

PC Usage

The system monitors the total usage of each individual terminal with the Account logged within the Logfiles for report generation.

Operators

Operators are setup with standard Operator Name and Passwords, Limits.

Operators Limits

Each operator has a simple Y/N tick box against each menu element on the system.

Broadcast Messages

A facility to send a broadcast message to any terminal or group of terminals including complete control of the screen i.e. 'All screens flash red with message EVACUATE'.

Admin. Message - Client

Facility to send a dedicated message to any terminal or group of terminals to be displayed at logon.

Admin. Message - User

Facility to send a dedicated message to any user at any terminal or group of terminals when they attempt to logon.

Database Links

The card reader link is directly to the NMC ID registration database ensuring that only current increment of issue level on a card (lost cards, etc.) works. Lost or stolen cards are automatically cancelled and a message appears detailing card/issue not valid.

Auto Logoff

A facility to prevent dual logons with any system account, either:

- auto logoff of previous client,
- auto message: 'You should return to the logon/logoff screen and logoff prior to attempting to logon'

Schedule Plan

Facility to print/view the Dayfile setup for classroom, PC Lab planning.

Graphics Display

Set up and display of accounts, workstations and servers on a graphical display using DXF or WMF as a background.

Waitlist

Facility for a specific PC to run a NMC module allowing a specific zone or zones to automatically allocate an account to a machine when it becomes free.

Pre-Booking

Facility for an account to pre-book a defined time on a client in an area, (option for credits to be auto deducted).

Activation Key

Software license key to control the number of accounts, clients.

Notes Boxes

For groups, accounts, workstations, security plan, charge rates, etc.

Drag & Drop

All icons for all items are drag and drop including between graphics and setup, for example just select the workstation and drop on to the site plan. For reports you are able to drag a zone, group, account, insert report time and generate a report.

