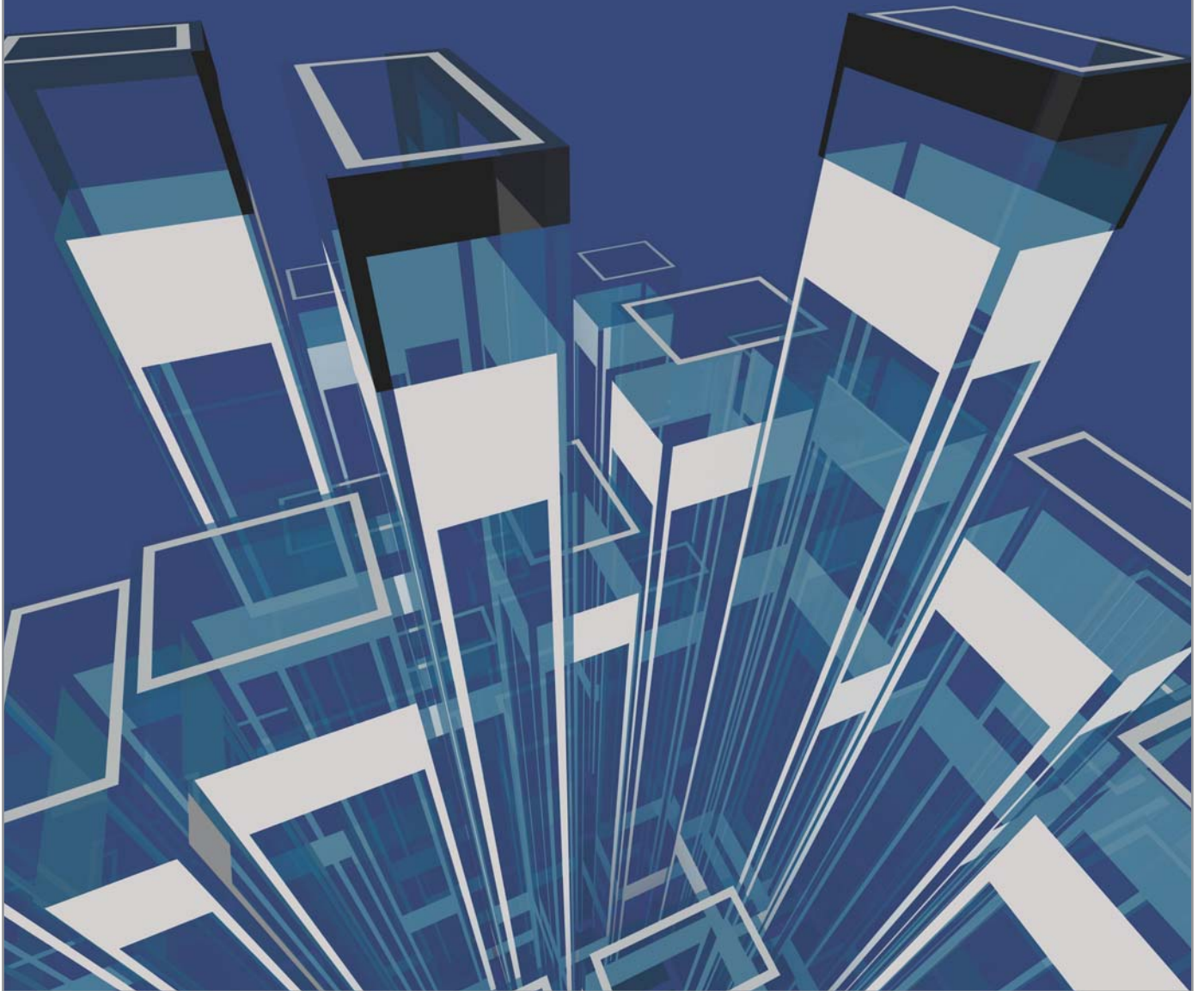


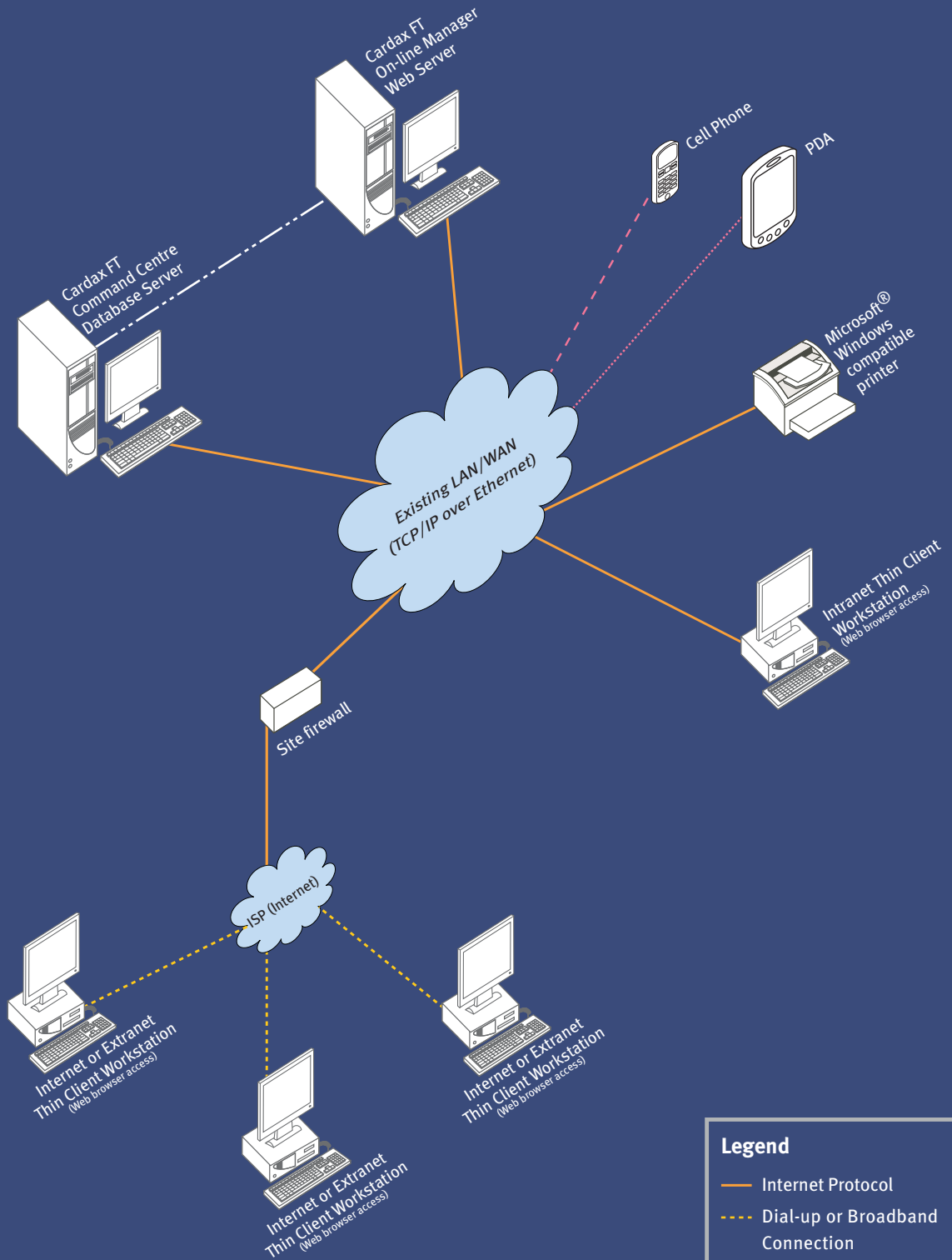
cardax

Cardax FT Online Manager

Cardax FT Online Manager is a tool that distributes responsibility for the management of cardholder and alarms data - live data anywhere, anytime.



Cardax FT Online Manager



Cardax FT Online Manager

Cardax FT Online Manager is a HR-centric, management, web interface into the Cardax FT system. It is an online management tool for distributing management responsibility of Cardholders and Alarms - from anywhere, at anytime.

Cardax FT Online Manager delivers a HR-centric, browser-based tool for the management and monitoring of Cardholders, Alarms and Events from anywhere that Operators have access to a web browser.

Cardax FT Online Manager provides the following functionality via secure Web browser logon:

- Cardholder and Card Management
- Full Alarm and Event processing
- Streamlined Visitor Management
- Multiple Division support - ideal for multi-tenant or multi-departmental situations
- Full Operator Privilege control
- Detailed Audit trail maintained
- Reports can be created and output to HTML, PDF and XLS
- Cardholder and Alarm Management on a PDA
- Alarms alerting via SMS to mobile devices (with bi-directional processing capability)
- Communications data protection (utilising SSL encryption)
- Capable of multiple language support (please contact Gallagher Security Management Systems for more information)

Customisable user interface features include:

- The content and layout of Cardholder data on the Cardholder screen

- Search and sort criteria of Cardholders and Events
- Mandatory fields and privacy of Cardholder data

Management structures include:

- Access Levels
- Operator Groups (Privileges)
- Cardholder Detail Fields
- Cardholder Types

Ease of Configuration

Cardax FT Online Manager features a simple Setup Wizard to enable seamless integration with underlying Cardax FT system data. Cardax FT Online Manager automatically extracts configuration from Cardax FT Command Centre and performs data mapping of all Cardholders and Access Criteria, all Division structures, all Access Groups and Alarms and Events data.

The functions for site configuration and total system administration remain within the Cardax FT Command Centre server.

Please refer to the Keyword Definitions to view the mapping of entities between Cardax FT Command Centre and Cardax FT Online Manager.

Accessibility

Unlike Cardax FT Command Centre workstations, Cardax FT Online Manager workstations do not require installation

of software. Access is achieved via a web browser.

Cardax FT Online Manager web browser workstations can operate over local area intranets, wide area networks, internet, remote dial-up, or ADSL. Cardax FT Online Manager can be accessed anywhere, anytime.

Operator Management

Cardax FT Online Manager features a password protected user logon system and allows for the creation of Operators separate to Cardax FT Command Centre.

As well as being subject to system Division, operators are assigned privileges and can only perform authorised functions. Cardax FT Online Manager allows Operators to fully manage Cardholders and Alarms for their own Division, department, faculty, floor or office.

Cardholder Management

Cardax FT Online Manager provides full Cardholder and access management via a configurable user interface. It is able to search for Cardholders in a variety of user defined methods and provides simple Cardholder reporting.

Cardholders can be easily added via a Cardholder set up wizard.

When a Cardholder's details are viewed in Cardax FT Online Manager, the data fields will be all those from Cardax FT Command Centre as well as any created within Cardax FT Online Manager. Any number of Cardholder data fields that only exist in Cardax FT Online Manager can be added.

Cardholder data fields can be organised into logical Categories and any that are mandatory are checked before the Cardholder's details are saved. The data fields can be text or numeric fields, dropdown lists or date-time fields. Multiple image fields are also supported to allow storage

Cardholder Types

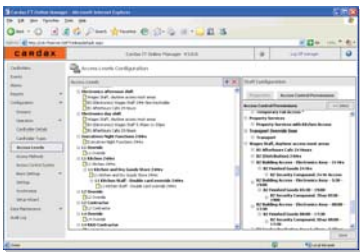
Cardholder Types are groupings of cardholders who share the same cardholder data fields. Multiple Cardholder Types such as Employee, Contractor, Visitor, Vehicle, or Staff and Student are supported by Cardax FT Online Manager.

Cardholder Types form the basis for much of the distributed management functionality provided by Cardax FT Online Manager. For example, it is possible to ensure that Contract Managers can only assign Contractors to those Access Groups that meet the site's guidelines.

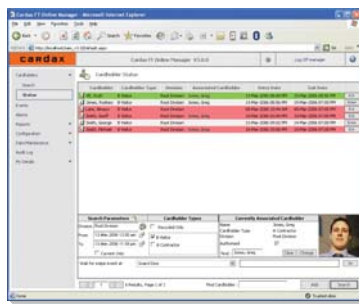
necessary. Cardax FT Online Manager automatically ensures that this access is granted and denied at the appropriate times in the Cardax FT Command Centre.

Visitor Cards can be made available at any time and recycled as visitors come and go from a site. Visitor details are only maintained temporarily in Cardax FT against personal data fields for the visitor. These details are then overwritten the next time another visitor uses that visitor card.

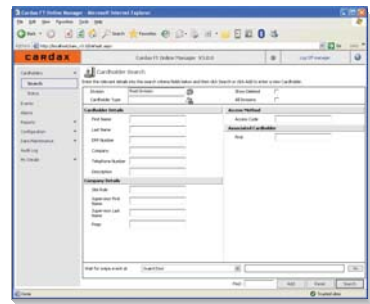
However Cardax FT Online Manager treats every visitor as a Cardholder



Access Level Configuration



Visitor Management



Cardholder Search

of signatures, photos, business card scans etc.

Subject to System Division and Operator Privileges, an Operator can create, delete and change Cardholder records in the system. A detailed audit trail of all changes is maintained and Operators can be restricted to only be able to view or update particular parts of a Cardholder's record. Any changes made to the Cardholder record are automatically downloaded to Cardax FT Command Centre and the relevant field devices.

Any data fields that are privacy-sensitive are flagged as private and are only visible to Cardax FT Online Manager Operators with the relevant privilege.

Access Groups and Access Levels

Access Groups that are set up on a site can be organised into 'super' groups that are called Access Levels.

This allows for sets of Access Group privileges to be granted or denied to a Cardholder at the appropriate times in a single operation.

Temporary Access for Contactor and Visitor Management

Cardax FT Online Manager provides an efficient means of maintaining, reporting and auditing visitor movements, supporting temporary access for visitor and contractor management. An Operator can grant and deny any Cardholder access to different areas and times as

and their cardholder record can be maintained in Cardax FT Online Manager indefinitely. Each time a visitor returns for another visit their details are immediately available and re-usable. Escorts for Visitors can also be assigned from the actual Cardholders in the system and the history of who escorted which Visitor is maintained.

Visitor Management

The Cardholder Status screen, which can be used for more than just visitors, is a one-stop administration screen for a reception desk or guard station etc. All Visitors are colour coded according to their status i.e. due to arrive, currently on-site, or overdue for departure. In only a

couple of clicks a Visitor can be entered onto the site and assigned a card and removed from the system as they leave. Escort processes, especially for situations where an Escort has to cater for multiple Visitors, are optimized as well.

Management of Alarms

Cardax FT Online Manager provides full Event and Alarm processing. Users are able to view Alarm details and instructions and acknowledge and process Alarms. Cardax FT standard Alarm priority capability is supported through Cardax FT Online Manager.

alert can choose to view the details or instructions, or Acknowledge or Process the Alarm.

Audit Trail

A full audit trail of all Cardax FT Online Manager operations, separate to the Cardax FT Command Centre, is maintained and can be searched. In addition, all changes made via Cardax FT Online Manager are reflected in the Cardax FT Command Centre audit trail.

Reports

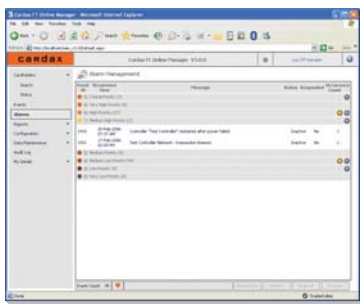
Reports on Cardholder information and access privileges can be presented in HTML, Excel™ (XLS) and

Operating Platforms

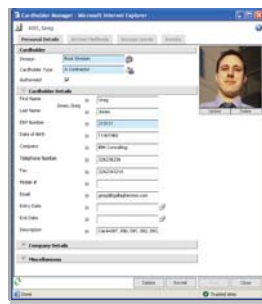
Cardax FT Online Manager is developed using .NET development tools. The Cardax FT Online Manager server software resides on the Microsoft® Windows® operating system. The database options are Microsoft™ SQL 2000 Desktop Engine or Microsoft® SQL Server 2000 (SP3 or above).

System Maintenance

Cardax FT Online Manager maintenance tools include Backup, Restore and Archive functions for the Cardax FT Online Manager web server.



Alarms Management



Cardholder Management



PDA Alarms



PDA Cardholder Management

Alarms Communication

Cardax FT Online Manager allows Alarms notifications to be sent through to cellular phones (via SMS comms) or PDAs (via wireless TCP/IP comms). These Alarms can be both acknowledged and processed through the respective devices, allowing mobile alarms management.

Messaging

Alarms which meet a number of user-definable criteria can be sent to a list of contacts as an SMS alerting them to the alarm occurrence. The system can be configured to scroll through the list of recipients until it receives a response within a particular timeframe. The recipient of an SMS

Acrobat™ (PDF) formats. It is possible to configure new reports for the system, as defined by site requirements, and have them automatically incorporated into the system.

PDA

Using WiFi, GPRS or similar technologies and a PDA device, it is possible to view Cardholder data, cards and Access Level details and to update some of this data. A user-definable list of Alarms can also be fully managed from the PDA device.

Data Security

Cardax FT Online Manager data can be configured to 128 bit SSL encryption.

Software Maintenance Agreements (SMA)

As part of the Gallagher commitment to continuing research and development, new features and products are regularly released. SMAs are available to ensure that your Cardax FT system benefits from performance improvements and is maintained and supported on the latest Microsoft operating platforms.

SMAs also provide your organisation the opportunity to elect new features which will enhance site security and management processes. The first year of a SMA is included with your investment in Cardax FT Online Manager.

Keyword Definitions

Cardax FT Online Manager	Cardax FT Command Centre	Details
Division	Division	1:1
Operators	Operators	Cardax FT Online Manager Operators are defined in addition to Cardax FT Command Centre Operators
Cardholder Detail Fields (CDFs)	Personal Data Fields (PDFs)	CDFs can be mapped to PDFs or created and maintained in Cardax FT Online Manager only
Cardholder Types	Access Groups with PDFs assigned	Cardholder Types are groupings of cardholders who share the same cardholder data fields.
Access Levels	Access Groups	A Cardax FT Online Manager Access Level is automatically created for each Cardax FT Command Centre Access Group. An Access Level can also consist of multiple Access Groups.
Access Methods	Card Types	Cardax FT Online Manager Access Methods are cardholder identifiers. There is a 1:1 mapping relationship between Cardax FT Command Centre Card Types and Access Methods.
Cardholders	Cardholders	1 : 1
Alarms and Events	Alarms and Events	1 : 1
Alarm Priorities and Alarm Instructions	Alarm Priorities and Alarm Instructions	1 : 1

March 2006

TECHNICAL SPECIFICATIONS

Cardax FT Online Manager

Cardax FT Online Manager Server	Cardax FT Command Centre software vEL4.20 or above	
Recommended Computer Specifications	A number of variables e.g. event rate, will affect the recommended computer hardware specifications. Please discuss your requirements with Cardax Technical Support.	
Operating System*	Server	Microsoft® Windows® 2000 Server or 2003 Server
	Client Browser	Microsoft® Windows® 2000 or 2003, or XP Professional
Printer	Any Microsoft® Windows® compatible printer	
Web Browser	Internet Explorer 6.0 or above	
Database	MSDE 2000, SQL Server 2000 (SP3 or above)	
Operator Authorisation Level	Fully configurable for each operator	
Simultaneous Logons	Max. number of operators simultaneously logged on but license controlled	Unlimited
Card Issue Levels		15

* Version requirement is dependant on site application.



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