

# iSecure & iCard Key Management



## iCard - Smartcard Configuration GUI

Security management package which allows for the personalisation of the smart cards and includes the software and hardware necessary to add to a standard Windows based system

## iSecure - Paranoia GUI

Operations management package, this includes a GUI and hardware to allow Paranoia2, Paranoia3, ParanoiaFF or SafeTape units to be controlled via the smart card system.

### FEATURES

- Key generation
- Key management
- Key entry
- Selection of encryption modes
- Selection of secure or non secure modes
- Engineering functions
- Audit and logging reporting



**THE SOLUTION**

iSecure allows the utilisation of smart card technology to control and manage the Paranoia2, Paranoia3 ParanoiaFF and SafeTape products, functions include:

- Key entry
- selection of encryption modes
- Selection of secure or non secure modes
- Engineering functions
- Audit and reporting

The product consists of two elements:

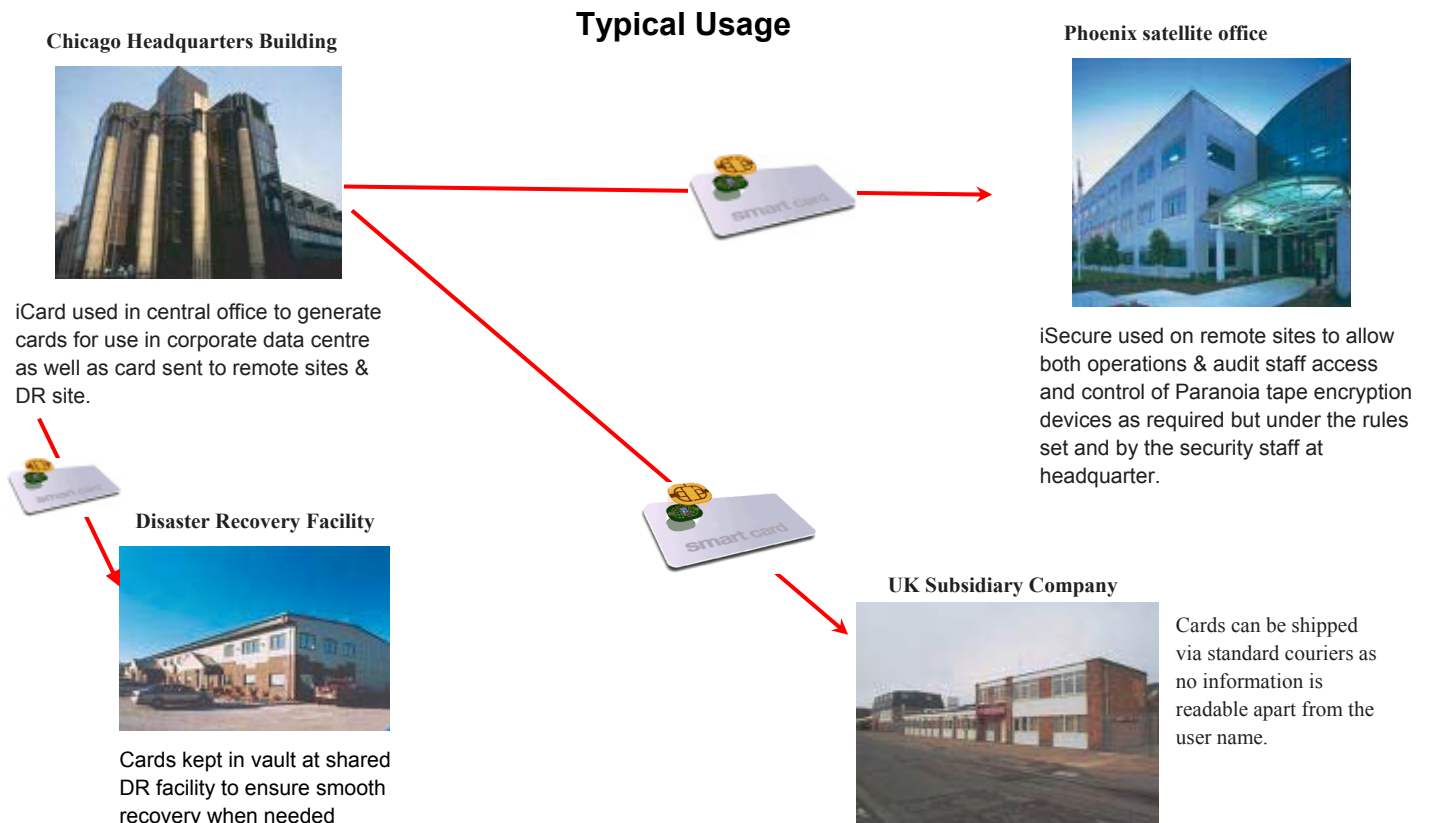
**iCard - Smartcard Setup GUI**

Management package which allows for the personalisation of the smart cards and includes the software and hardware necessary to add to a standard Windows based system. Selection of the encryption method and key generation is done at this point.

**iSecure - Paranoia2/Paranoia3 Setup GUI**

Package, which includes a new GUI and the hardware, to allow the control of Paranoia2/3 or SafeTape units via the smart card system.

As part of this update the front panel status is now available on the GUI to allow for the remote monitoring of the units if required. For security this function is also password protected. DISUK supply the pre-programmed smart cards for the customer to personalise.



## iCARD—SMARTCARD SETUP GUI

This would normally be controlled by the Audit/Security department within an organisation. Smartcards can be configured to allow staff to carry out all functions with differing levels of authority and can be site specific or cover all sites within the business. Cards are personalised by the customer to contain:

- Key(s) if their access level requires it
- User ID and full Name,
- User Access levels
- User pin (random number generator)
- P2/P3 Password
- Issue Number

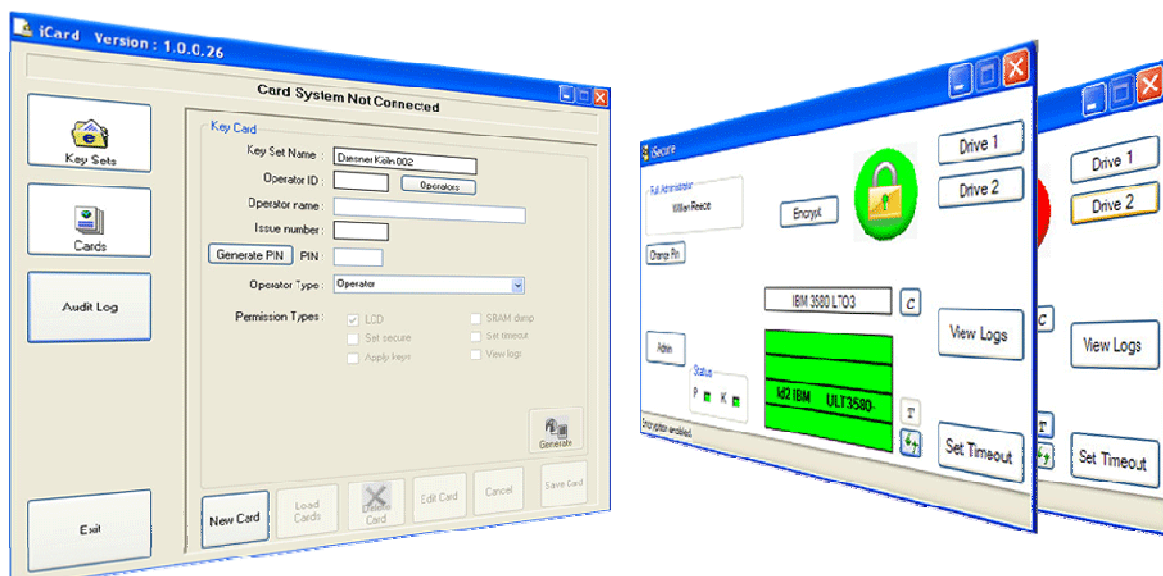
To activate the cards the Set user is required to enter a PIN number, this maybe personalised by the user, any change will be recorded in the audit log. All data on the card is encrypted except for the user name.

## iSECURE—PARANOIA SETUP GUI

This is the operations management element of the solution and contains a secure database which will be automatically updated as users use their cards. Any card that is either lost or has been superseded (i.e. user rights changed) will automatically be voided when the new card is used.

Keys, encryption methodology and passwords are loaded into the Paranoia & SafeTape units via a set of smart cards generated by the iCard system, at no time is this information visible to the operations staff.

When a smartcard is inserted the user will only be able to access the authorised functions e.g. if they are an operator the only information available to them is the status of the Paranoia2 appliances.



# iCard & iSecure Key Management

Role Based Functionality						
	Remote LCD	Set Secure	Apply keys	View Audit Logs	Run Diagnostics	Change timeout settings
Operator	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Backup Operator	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Security Officer	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="radio"/>	<input type="checkbox"/>	<input type="radio"/>
Full Administrator	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Auditor	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Engineer	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Allowed	<input checked="" type="checkbox"/>		Optional	<input type="radio"/>		Not Allowed	<input type="checkbox"/>
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Models	
Part Number	Description
SMST0-01	Smartcard starter kit: Contains iCard and iSecure software, 2 USB card readers and

Silverstone Innovation Centre  
 Silverstone Circuit  
 Silverstone  
 Northants, NN12 8GX,  
 United Kingdom

Phone: 01327 856070  
 Fax: 01327 856071  
 E-mail: sales@disuk.com

