

SafeCom™ Output Management System

Operating System

Windows NT 4.0, SP4 or higher.

Network Protocol

TCP/IP

NetBEUI

Server Requirements

INTEL® compatible PC

Recommended processor:

Minimum Pentium 166 MHz

Recommended hard disk space:

Minimum 100MB

Recommended memory:

Minimum 128MB RAM

LAN adapter

Mouse

Graphic Card, No specific requirements

Card Reader

Magnetic card reader
(ISO 7810 /Track 2)

Proximity Card Reader
(ISO cards, 125 kHz)

Other Configuration

i-data PrintGuide™ (DLC, TCP/IP)

Web browser (HTTP/HTML)

Administration program

Options

10 SafeCards

100 SafeCards

Attachment

Serial dedicated for i-data PrintServer

Power Supply

12V DC, 1Amp (is supplied with SafeCom™ according to national standards)

LCD Display

128 x 128 dots with

-Backlight

-Touch screen

Operating

Temp.:8-32 C /47-90F

Humidity:0-80%

RH non-condensing

Dimensions/Weight

45mm x 190mm x 135mm (h x l x w)/450g

Approvals

UL, cUL, CE

EMC

FCC Subpart 15, Class B

EMC Directive 89/336/EEC

- EN 55022 B for emission

- EN 50082-1 for immunity

Environment

SafeCom™ is designed to operate in the Windows NT/2000 LAN environment.

Printer

SafeCom™ can be used with any type of printer with a parallel port, (e.g. Matrix, Laser, Color).

Local Area Network

(TCP/IP)

There are no specific requirements to the type of client workstation attachments used, however a TCP/IP connection is required between the SafeCom™ Server Software and the Xpress PrintServer. The Xpress PrintServer works equally well in Ethernet 10/100 and Token Ring networks.

SafeCom™ Server Software

The SafeCom™ Server Software is required to be installed on the same Windows machine where the print queue is located. A Windows Server or Windows 2000 is used to provide a standard print queue that is accessible (shared) from the client workstation.

SafeCom™ Server Software consists of a number of components that contain the primary product security and distribution features. The software is used to control the individual SafeCom™ Front End via TCP/IP. The following

components are accessible with the software:

- Print Job Database
- User Database
- Accounting Database

SafeCom™ Administration

Program

The SafeCom™ Administration Program is used to manage the SafeCom™ Server Software, and to manage user information, accounting, billing and SafeCom™ Server Software configuration. The SafeCom™ Administration Program can be installed on Windows 2000, NT and 95/98. It can also be used for extracting account information and graphically viewing print and printer usage information.

SafeCom™ Front End

The SafeCom™ Front End consists of a card reader, together with an integrated LCD touch display. The SafeCom™ Front End is attached to the Xpress PrintServer. The LCD touch display is used to provide all user functions, such as entering the PIN code, print selection, deleting documents etc.

Card Reader

The SafeCom™ card reader supports magnetic and proximity cards.

Please, consult your i-data Printing Systems representative to find out how SafeCom™ can work with your particular proximity card.

Part Number	Product Name	Description

SafeCom™ Accounting Software

Management and administration

- Configuration wizards
- Remote administration and configuration
- Command line tools included
- Multilingual support (Eng/Fre/Ger/Ita/Spa)
- Scheduling for transactions and archiving
- Transactional database integrity

Charging model support

- Declining balance (print quotas)
- Timed quotas
- Charge back to users
- Charge back to departments
- Billing codes (job, client, project)

Reporting

- 45 built-in reports
- Scheduled report generation
- Open, documented ODBC database

Server support

- Windows NT 4.0
 - 64 MB RAM
 - 100 MB available disk space

Workstation support

- Windows NT 3.x, 4.0
- Windows 95, 98, 2000
- Windows for Workgroups
- UNIX
- Apple Macintosh 8.1 and higher (With Macintosh module)
- SafeCom™ Terminal

Single-Server Edition

- Full Windows NT security integration
- Complete audit trail of all transactions
- Support for unlimited printers
- Synchronous page counting mechanism
- User account query/transfer capability
- Windows NT domain import/verify

Multiple-Server Edition

- All Single-Server Edition functionality
- Scalability to multiple print servers
- Support for Oracle, MS JET and MS SQL Server
- Extended job pricing schedules
- Account management for multiple sites

Printer support

- All PostScript compatible printers
- All PCL compatible printers

Printer connectivity support

- i-data Xpress with SafeCom™
- Hewlett-Packard JetDirect network adapters
- Lexmark MarkNet network adapters
- All LPR-compatible adapters
- Parallel port connections
- All Windows NT-supported connections
- Physical Printer Tracking
- Desktop Printer Tracking (optional)

With the SafeCom™ Accounting Software, you are able to track, measure and control all printing activity on Windows NT-based networks. SafeCom™ Accounting Software will closely integrate with the SafeCom™ system. The software can be installed on the same Windows NT/2000 Server as the SafeCom™ Server Software or on a remote Windows Server.

Tracking

SafeCom™ Accounting Software tracks all print data and allows administration of costs with the possibility to allocate these to individual users, departments, printers or projects.

Reporting

SafeCom™ Accounting Software generates statistics in the form of comma separated files and charts. An abundance of reports can be generated, based on print job information: number of pages; format; simplex/duplex; time of print; print job size and printer fidelity.

Load Balancing

SafeCom™ Accounting Software will give you an overview of printer loads, optimal placement and investment needs: Is the new department color printer being overworked, by whom and with what type of jobs?

User Accounts and Pricing Schemes

SafeCom™ Accounting Software allows easy configuration of user accounts to match the requirements of any organization. Pricing schemes allow you to charge or allocate costs according to used media type, paper size, color, etc.

Flexible, Modular Configuration

SafeCom™ Accounting Software can be extended to meet the requirements of your organization. A number of modules can easily be installed, permitting client billing, monitoring of desktop printers and support of Macintosh workstations.

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