

Features in Depth



Instructor Led Training

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Chapter 1-Exercise E

Features Overview

- Document Output Management
 - Network Print Tracking
 - Desktop Print Tracking
 - PageCounter Terminals
 - Embedded Devices
 - Device Monitoring Engine (DME)
- Enterprise Scalability
 - Remote and Cluster Print Servers

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Features Overview

- ☞ Productivity Tools
 - Follow-You™ Printing
 - Send To Printing
- ☞ Implementation Control
 - Rules & Routing
 - Color Quotas
- ☞ Cost Allocation
 - Client Billing

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Features Overview

- ☞ Account Management
 - Accounts
 - Active Directory Integrations
 - Automated PIN Management
 - Department Manager Tool
- ☞ Anonymous Users
 - User Authentication
 - Release Key
 - Rename Print Job

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Features Overview

- ☞ Release Station
 - Print Release & Vending*
 - Account Selection
- ☞ Offline Copy Tracking
 - MobileDCE
- ☞ System Management Tools
 - Language Support

*** Feature only available in Equitrac Express**

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Features Overview

- ☞ Fund Management
 - Cashier*
 - Campus Card*
 - Account Balance Applet*
 - Stored Value Card Support
 - Deposit Station
 - PayStation Deposit Center
 - Currency Display

*** Feature only available in Equitrac Express**

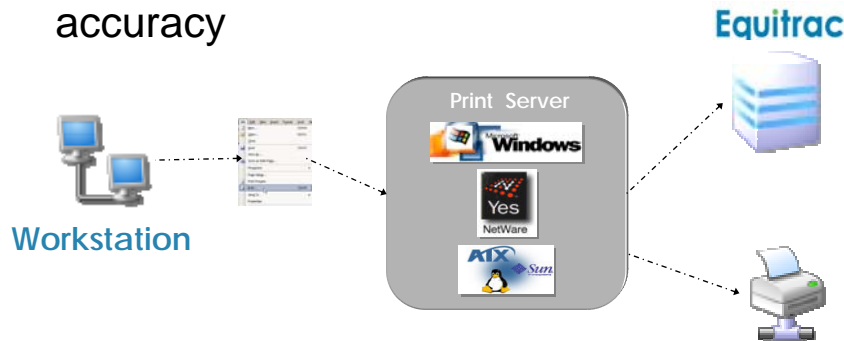
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Network Print Tracking

- ☞ Tight integration with Microsoft® Windows, Novell® and UNIX® print server printing subsystem for robustness, efficiency and accuracy



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Desktop Printing

- ☞ Track print activity for locally defined printers including ANY locally defined printer using LPT1, USB, or a direct IP address, etc.
- ☞ Can be combined with Client Billing to provide cost allocation at the desktop
- ☞ Test pages are not tracked



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PageCounter Terminals

- Track walk up copying on most analog copiers and networked MFDs with a PageCounter terminal
- Use as a Print Release Terminal for Follow-You printing
- Support magnetic, HID, Legic and MiFare proximity card readers



Side view of a Magnetic card reader

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Embedded Devices

- Direct communication between Equitrac Office and Equitrac Express and supported partner devices to track print, copy, scan and fax



* not available on all devices

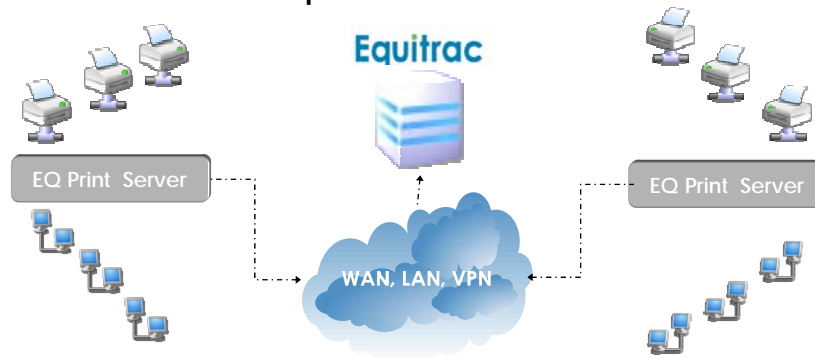
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Remote & Cluster Print Servers

- Equitrac architecture enables administrators to deploy print tracking on multiple remote and/or cluster print servers



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Device Monitoring Engine (DME)

- New server application
- Monitors device status and fault conditions
- Provides a central management console
- Intelligent notification of error conditions
- Rules and routing allows the application of actions based on device status
- Option to disable tracking of print transactions



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Device Monitoring Engine* (DME)

- View history of faults
- Current status of devices
- Total time online and offline



Device properties			
Definition			
Hostname:	192.168.96.131	Hardware address:	00:00:85:22:1F:48
Server:	INSTRUCTOR	Manufacturer:	
Color:	Yes	Model:	
Speed:	0	Serial #:	
Alert rules:	<u>UnReachable</u>		
Statistics			
Status:	Unreachable	# faults (7 days):	1
	02-05-2006 22:23:59	Time online (7 days):	0 01:00:00
Paper:	<div><div></div></div> 60%	Time offline (7 days):	0 00:00:00
Toner:	<div><div></div></div> 33%	Time unreachable (7 days):	6 23:00:00
Total pages (metered):	9934	Total pages (7 days):	0
Color pages (metered):		Color pages (7 days):	0
B&W pages (metered):		B&W pages (7 days):	0

* Requires SNMP be installed and enabled on the network

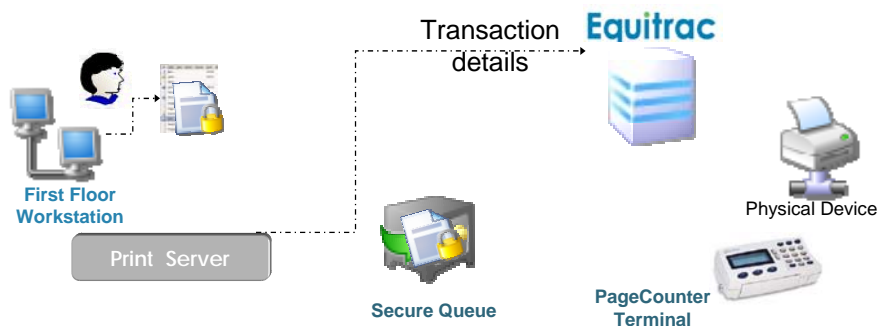
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Follow-You Printing

- Implement security, privacy and convenience for printing private documents
- Unclaimed documents are deleted from the secure queue, which reduces waste



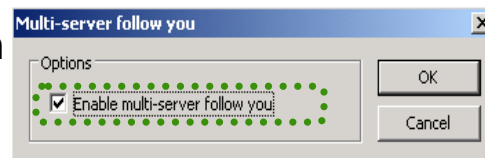
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Follow-You Printing Across Servers

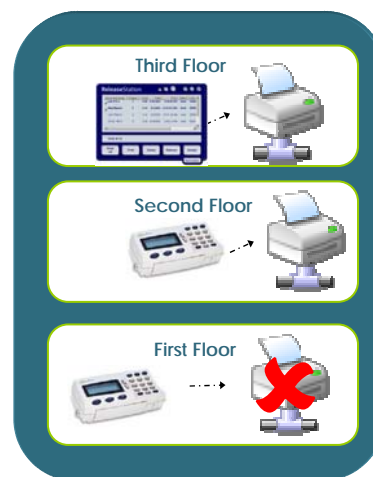
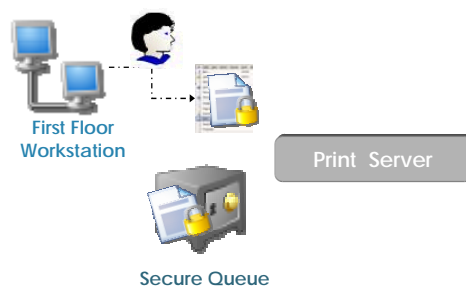
- ☪ Pull print jobs between servers*
- ☪ Release print jobs from any server on the network
- ☪ Use Release Station or PageCounter terminals
- ☪ Feature enabled in System Manager



* Printers included in pull groups for Follow-You printing must have compatible features and print drivers.

Follow-You Printing Pull Groups

- ☪ Pull printing allows you to pull jobs to any available printer, even across print servers*



* Feature requires optional PageCounter terminal or Release Station software

Follow You Printing with Release Station

- Release Station application for print release
- Allows users to release print jobs at the device by logging in with their network user ID and password or Equitrac PIN



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Follow You Printing with Release Station

- Release Station software is installed on a workstation near the print device **NEW!**
- Users can Pull & Release jobs from the secure queue



User selects destination printer at login

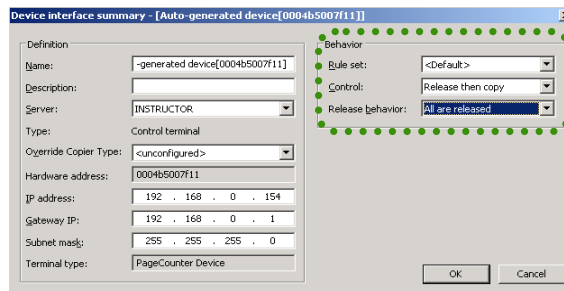
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Follow You Printing One Step

- Quick access to held documents
- A user logs on to the control terminal and their held documents are automatically released. The copier function is then immediately re-enabled



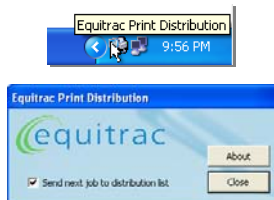
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Send To Printing

- Installed as a client side popup
- Sends documents to a distribution list
- Uses the functionality of Follow-You printing
- Recipient of the transaction releases the job at a PageCounter terminal



Client side system tray applet



Client popup

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Send To Printing

- Sender can accept or change printing costs for Send To jobs
- Requires Equitrac Secure Release printing to be enabled

user							
Device 2							
Date	User	Account	Type	Description	Details	Pages	Cost
16-Jul-06 11:07 PM	teacher	teacher	user	<TRAINING\Student> EO4-EE4 What's New.pdf	3 x Ltr/C	3	0.25
16-Jul-06 11:12 PM	user	user	user	<TRAINING\Student> EO4-EE4 What's New.pdf	3 x Ltr/C	3	0.25
						6	0.50

Rules & Routing - Control

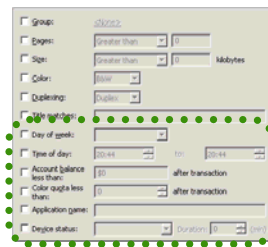
- Jobs can automatically be held, deleted or routed based on criteria, which includes color vs. black & white jobs, number of pages in the job, the document title pattern, or the user's group membership



New to Rules & Routing in 4.0

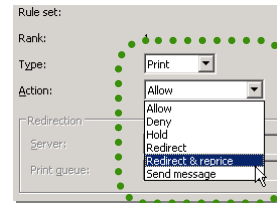
New Criteria:

- ✓Day Of Week
- ✓Time Of Day Range
- ✓Account Balance Is Less Than X
- ✓Color Quota Is Less Than
- ✓Application Name
- ✓Device Status



New Actions:

- ✓Redirect & Re-price
- ✓Send Message



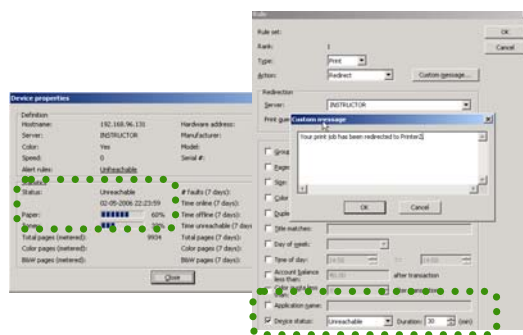
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Rules & Routing DME Based Rules

- ☞ Create rules to reroute jobs based on the device status



- ◆ Redirect jobs automatically when device is unreachable, out of toner, out of paper, etc.

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Rules & Routing DME Base Rules

- ☞ Create rules to reroute jobs based on the follow device status criteria: 


- | | |
|-------------------------|-----------------------|
| → Down | → Overdue Maintenance |
| → Empty Input Tray | → Paper Jam |
| → Full Output Tray | → Paper Low |
| → Missing Input Tray | → Paper Out |
| → Missing Marker Supply | → Toner Low |
| → Missing Output Tray | → Toner Out |
| → Near Full Output Tray | → Unreachable |
| → Offline | → Warning |

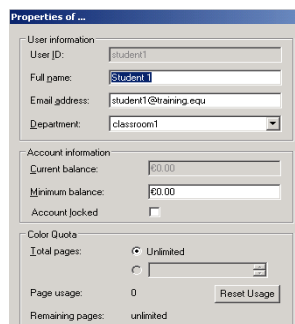
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Color Quota Control

- ☞ Limit color output by user 
- ☞ Allow access to color devices and control usage
- ☞ Eliminate risk of color abuse
- ☞ Facilitate the sale of color-enabled devices



Properties of ...

User information:

User ID: student1

Full name: Student 1

Email address: student1@training.equ

Department: classroom1

Account information:

Current balance: 00.00

Minimum balance: 00.00

Account locked: ☐

Color Quota:

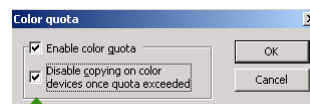
Total pages: Unlimited

Page usage: 0

Reset Usage

Remaining pages: unlimited

- ◆ Set color quota per user
- ◆ Enable color quota on the server



Color quota

☒ Enable color quota

☒ Disable copying on color devices once quota exceeded

OK Cancel

 All copy jobs to all color devices!

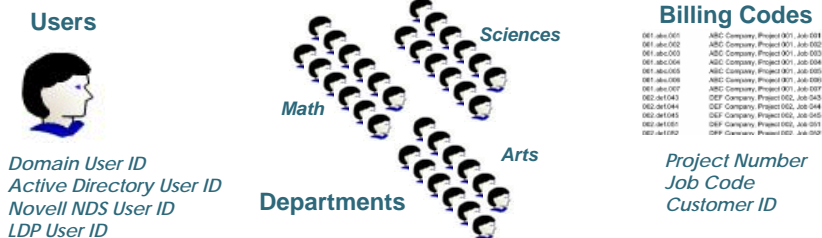
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Account Management

- Remote configuration and management
- Account synchronization with Active Directory
- Automatic account creation
- Automatic PIN creation and Management
- Native OS and LDAP authentication
- Billing Code Synchronization with external database



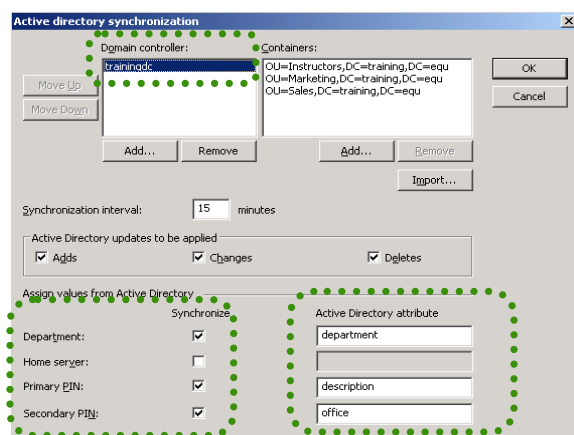
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Active Directory Integration

- Support the use of multiple domain controllers, PIN codes, email addresses and departments




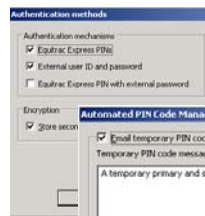
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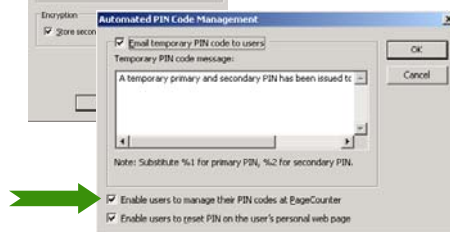
Automated PIN Management

- PINs can be emailed directly to users upon account creation 
- If allowed, users can update their PIN via a Web-based interface and/or the PageCounter terminal

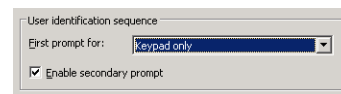


PageCounter terminal

- Set Authentication method, and;



- Enable automated PIN Management



- Enable secondary prompt if using

PIN codes are encrypted using the AES method


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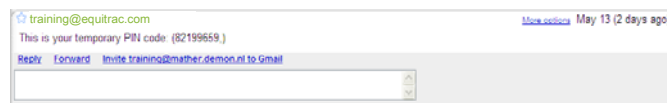
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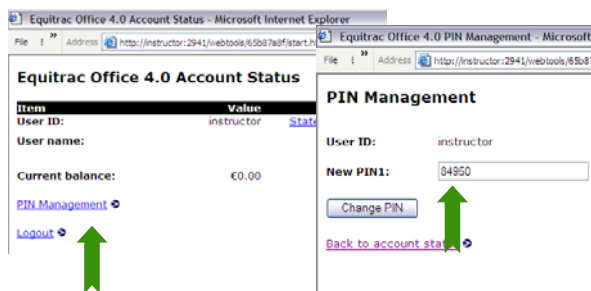
Automated PIN Management

Web Based

- An email is set automatically to user when account is created 



- User can update via a Web-based Interface



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Automated PIN Management

PageCounter Terminal

- User can also choose new PINs or change their existing PINs via the PageCounter Terminal



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Department Manager Tool

- Application allows selected users to Add/delete/change or adjust their department member accounts



INSTRUCTOR - Accounts

- Users
- Departments
- Billing codes
- Reporting
- Current tasks
- Add user...
- Delete
- Add transaction...
- Assign to department...
- Enable billing code(s)...
- Copy billing codes
- Paste billing codes
- Reset quota usage
- Properties...

User ID	Full name	Balance	Department
student1		\$0.00	is
student3		\$0.00	is
student5		\$0.00	is
student2		\$0.00	training
instructor		\$0.00	training
student4		\$0.00	training

- Accounts Manager User has access to all accounts

- Department Manager user only has access to users in his department

INSTRUCTOR - Department

- Users
- Current tasks
- Add user...
- Delete
- Add transaction...
- Reset quota usage
- Properties...

User ID
instructor
student2
student4

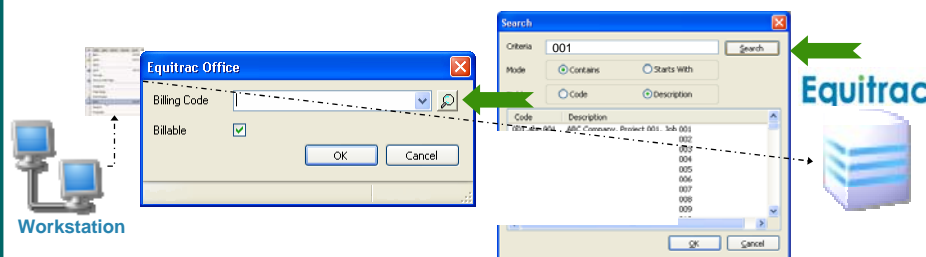
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Cost Allocation - Client Billing

- Pop-up window prompts user to assign a billing code when they print. The job can be tagged as a billable or non-billable job as well. Pop up labels, search function, and security features can be customized.



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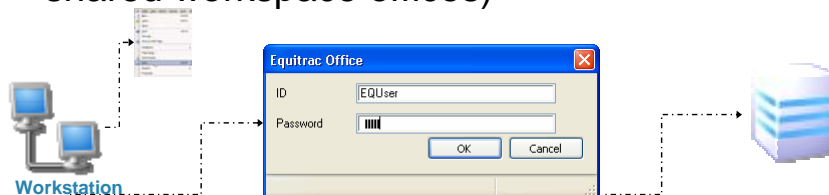
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Anonymous Users - Authentication

Available in Equitrac Express 4.0 Only

- Allows user authentication at the time of print
- User ID and password can be network username and password or Equitrac PIN codes
- Can be used with Follow-You printing and in public printing environments (for example, shared workspace offices)



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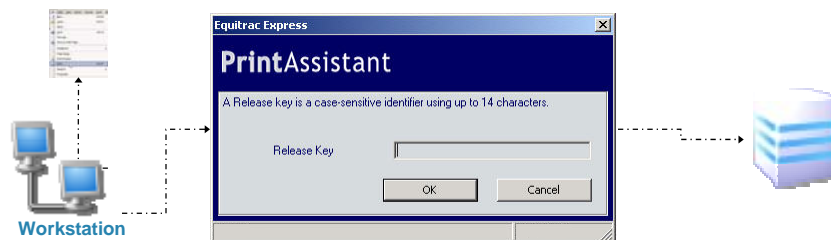
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Anonymous Users - Release Keys

Available in Equitrac Express 4.0 Only

- Prompts the user to assign a release key at print time to provide security in anonymous user environments. The user creates their own release key which is entered at the Release Station



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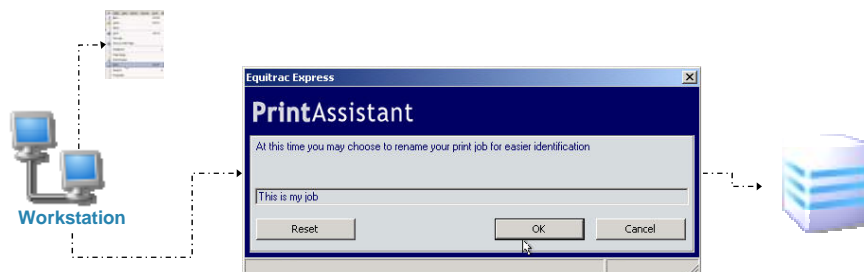
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Anonymous Users - Rename Job

Available in Equitrac Express 4.0 Only

- Allows the job to be renamed, which helps the user find their job at the Release Station when using a public, open environment



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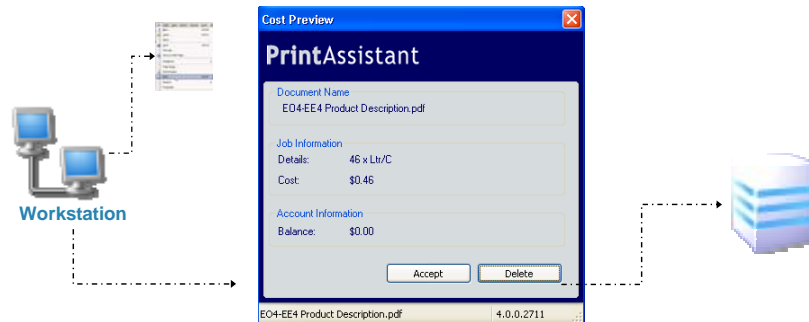
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Fund Management - Cost Preview

Available in Equitrac Express 4.0 Only

- Allow user the chance to view the cost of a print server based print job to be reviewed, accepted or deleted, prior to printing



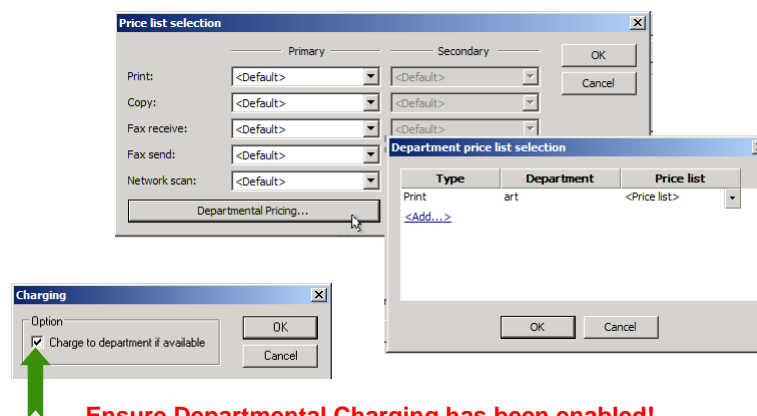
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Fund Management – Departmental Pricing

- Allows association of different price lists based on department membership



Ensure Departmental Charging has been enabled!

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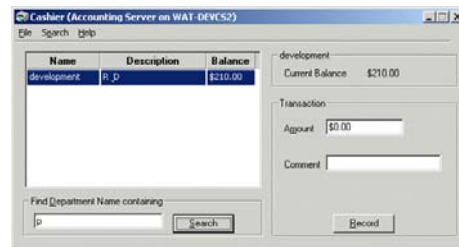
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Fund Management - Cashier

Available in Equitrac Express 4.0 Only

- ☞ Cashier is a separate application that can reside on any network client workstation
- ☞ Used by staff who managing account balances (for example, service staff at a print/copy desk)
- ☞ Enables you to add and subtract funds to user accounts



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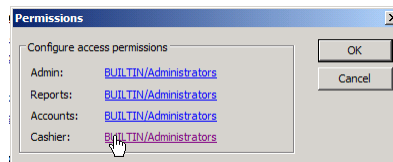
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Fund Management - Cashier

Available in Equitrac Express 4.0 Only

- ☞ Transaction is recorded against the account only
- ☞ Access is configured in System Manager



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Fund Management - Cashier

Available in Equitrac Express 4.0 Only

- Receipt printing
- Optional comment field

Equitrac Express receipt for Instructor

Completed by mickim on Wednesday, May 17, 2006 at 21:47:03

Starting balance:	\$27.00
Account adjustment:	\$25.00
Adjustment comment:	cash deposit
Ending balance:	\$52.00

Search

Cashier (Accounting Server on INSTRUCTOR)

User ID	Full name	Balance
instructor		\$0.00

instructor
Current Balance \$0.00

Transaction
Amount 25.00
Comment rec: cash 15May06

Record

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Fund Management - Campus Card

Available in Equitrac Express 4.0 Only

- Campus Card “electronic purse” integration allows students to use their campus card to charge printing and copying directly to their card.
- Currently supports Blackboard and CBORD campus card system
- User interface is provided via the PageCounter terminal



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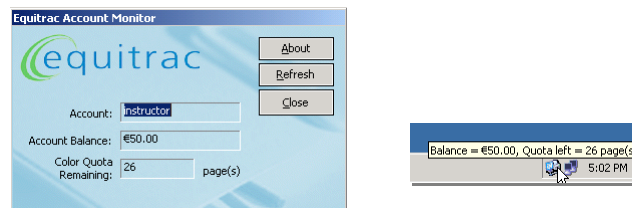
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Funds Management – Account Balance Applet

Available in Equitrac Express 4.0 Only

- Account balance applet at the workstation
- EQAccountMonitor.exe is installed on the workstation and runs in the system tray



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Stored Value Card Support

Available in Equitrac Express 4.0 Only

- Supports offline payments with no network connectivity
- Integrates with Equitrac's PayStation Terminal*
- Supports a large number of card readers from other manufacturers
- Can be integrated with an existing card system



*Currently only available in North America

Release Station

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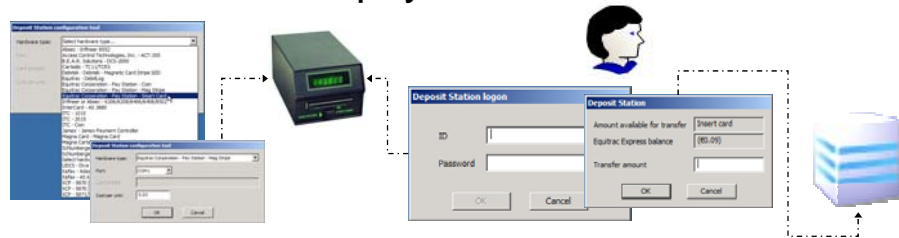
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Funds Management – Deposit Station

Available in Equitrac Express 4.0 Only

- Deposit Station allows users to move funds from a payment card system into their Equitrac Express account
- Setup on a public workstation that is connected to a payment card reader



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Funds Management – Deposit Station

Available in Equitrac Express 4.0 Only

- Once configured, users can login to the Deposit Station using their network user ID and password and then transfer the desired amount to the Equitrac Express account



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PayStation Deposit Center

Available in Equitrac Express 4.0 Only

- PayStation Deposit Center* allows users to make cash payments into their Equitrac Express account
- Once configured, users can logon to the Deposit Center using their network userID and password and then transfer the desired cash payment to the Equitrac Express account



**Currently only available in North America*

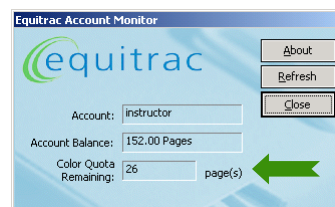
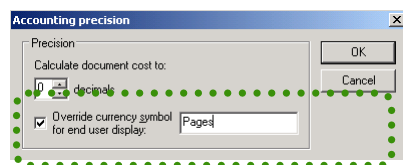
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Fund Management – Currency Display

- Use Pages instead of dollars, or any symbol
- Symbol is displayed on account statements, job cost preview



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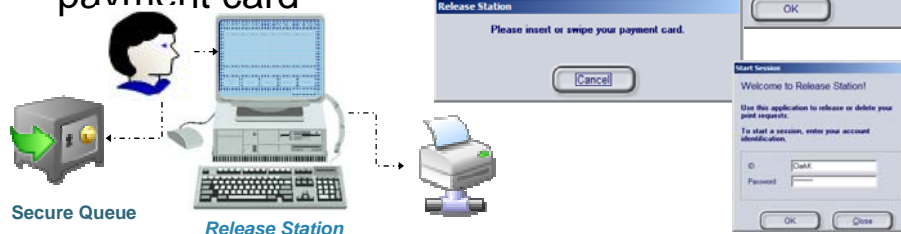
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Print Release & Vending

Available in Equitrac Express 4.0 Only

- Allows users to release print jobs at the device by logging in with their network userID and password, Release key, or by using a stored value payment card



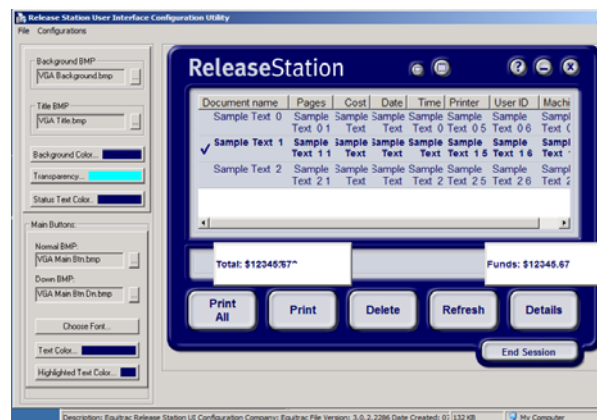
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Release Station - Customization

- Enhance the end user's experience by customizing the Release Station interface with school colors, company logo or custom messages
- Delete or hide buttons you may not want users to see

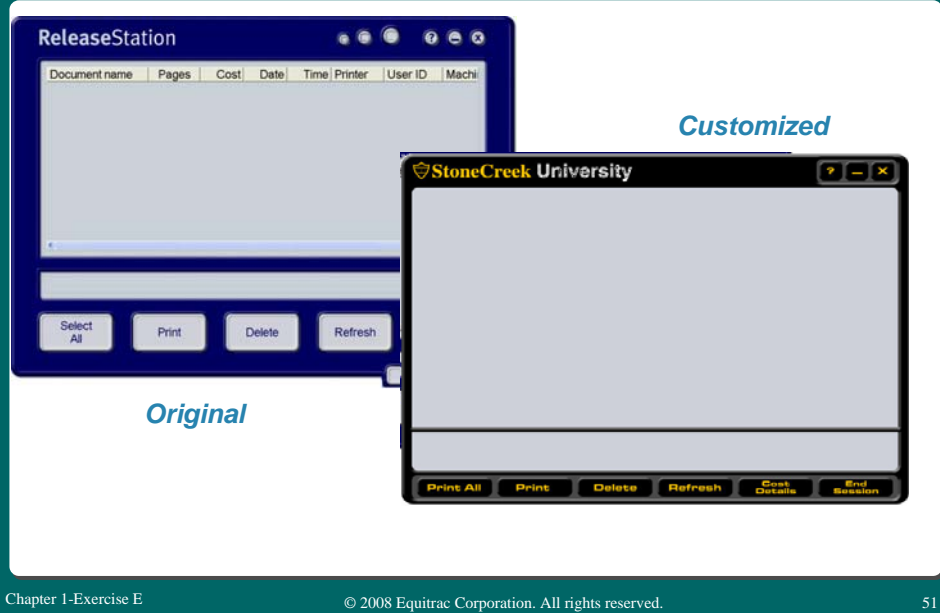


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Release Station - Customization



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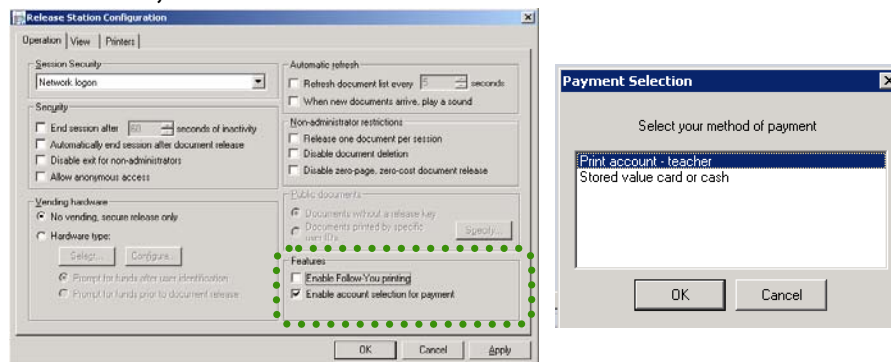
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Release Station Payments

Available in Equitrac Express 4.0 Only

- Account selection option, when enabled allows to select multiple payment methods, cards, user accounts



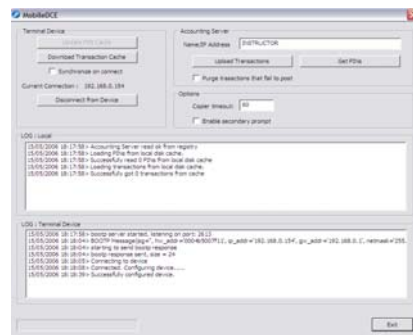
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Offline Copy Tracking - MobileDCE

- Copy tracking solution for environments where the control terminals do not rely upon a network connection to the Equitrac Accounting Server



- Runs on any workstation
- Provides a gateway between offline control terminal and the accounting server

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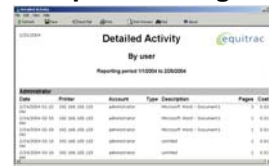
System Management Tools

System Manager



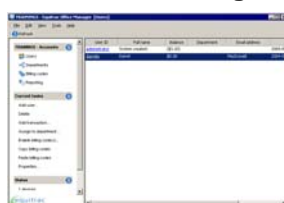
- Add licenses
- Print server configuration
- Control Terminal configuration
- Accounting policy
- Setup of all server functionality

Reports Manager



- Run standard reports
- Customize reports

Accounts Manager



- Create and administer user, department and billing code accounts.
- Run reports

Chapter 1-Exercise E

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Language Support

- Equitrac Office & Equitrac Express are translated into five languages
- Language selection is made at installation time and is not dependant on the operating system language

Do you speak English?

Parlez-vous Français?

Sprechen Sie Deutsch?

Parla l'Italiano?

Habla Español?

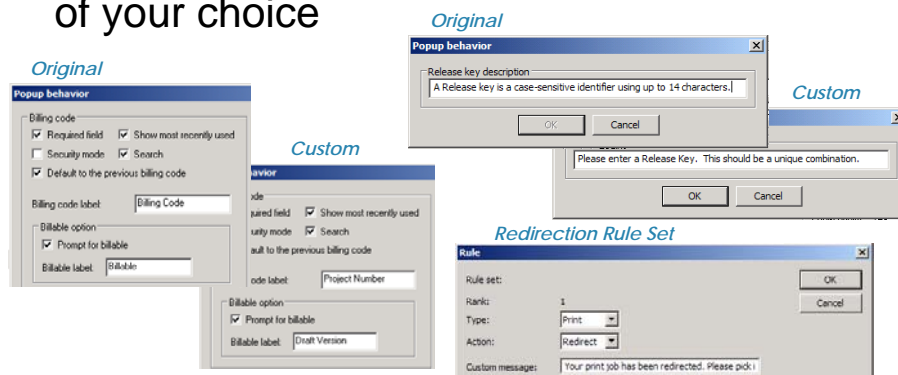
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Language Support

- Equitrac Office and Equitrac Express client applications and pop ups can be customized with any message or language of your choice



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Equitrac Office & Express

Review:

- ☞ Document Management
- ☞ Productivity Tools
- ☞ Control Tools
- ☞ Account Management
- ☞ Cost Allocation
- ☞ System Management Tools
- ☞ Offline Copy Tracking

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Equitrac Express 4.0 Only

Review:

- ☞ Anonymous Users
- ☞ Fund Management
- ☞ Vending Tools

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Questions?

