

Features in Depth



Instructor Led Training

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Chapter 1-Exercise E

Features Overview

- ④ Document Output Management
 - Network Print Tracking
 - Desktop Print Tracking
 - PageCounter Terminals
 - Embedded Devices
 - Device Monitoring Engine (DME)
- ④ 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

Features Overview

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

Features Overview

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

*** Feature only available in Equitrac Express**

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**

Network Print Tracking

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

Workstation
Print Server
Equitrac

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Desktop Printing

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

Equitrac
Workstation
Desktop Printer

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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

Embedded Devices

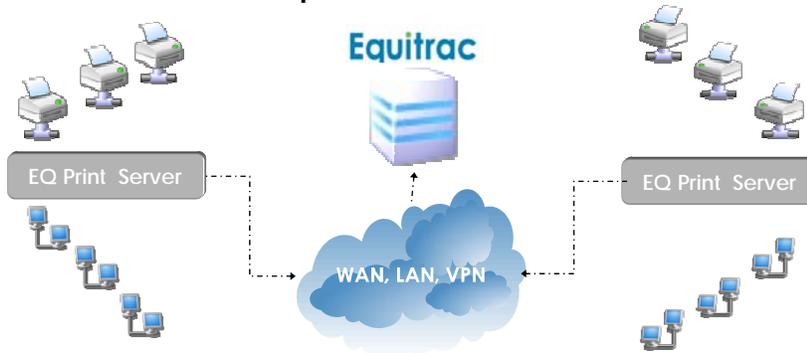
- Direct communication between Equitrac Office and Equitrac Express and supported partner devices to track print, copy, scan and fax



* not available on all devices

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

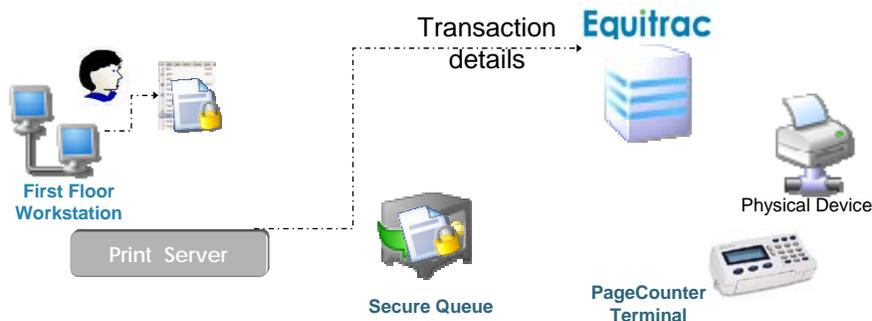
Definition	
Hostname:	192.168.96.131
Server:	INSTRUCTOR
Color:	Yes
Speed:	0
Alert rules:	UnReachable
Hardware address:	00:00:85:22:1F:48
Manufacturer:	
Model:	
Serial #:	

Statistics			
Status:	Unreachable	# faults (7 days):	1
	02-05-2006 22:23:59	Time online (7 days):	0 01:00:00
Paper:	60%	Time offline (7 days):	0 00:00:00
Toner:	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**

Follow-You Printing

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



Follow-You Printing Across Servers



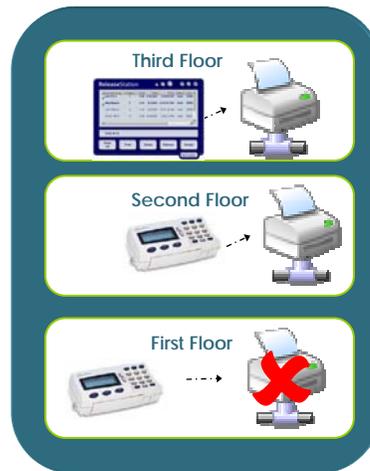
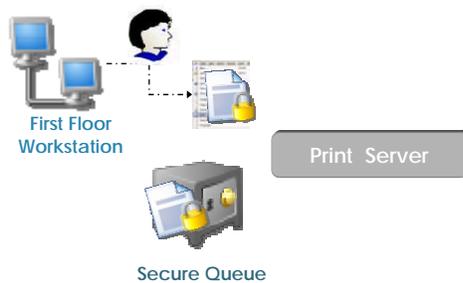
- Pull print jobs between servers*
- Release print jobs from any server on the network
- Use Release Station or PageCounter terminals
- Feature enabled in System Manager



* 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



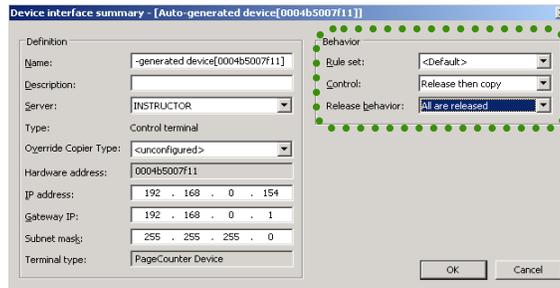
Follow You Printing with Release Station

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



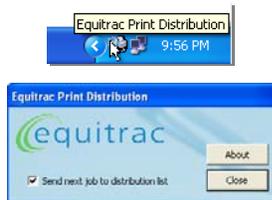
Follow You Printing One Step

- Ⓢ 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



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

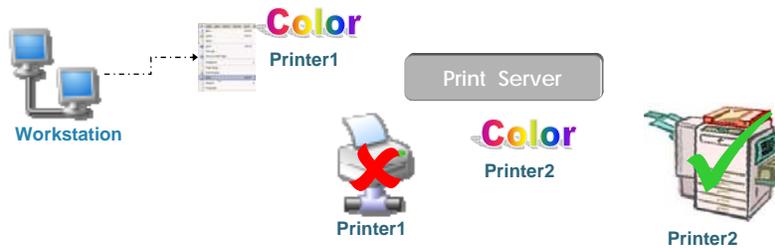
Send To Printing

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

user							
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



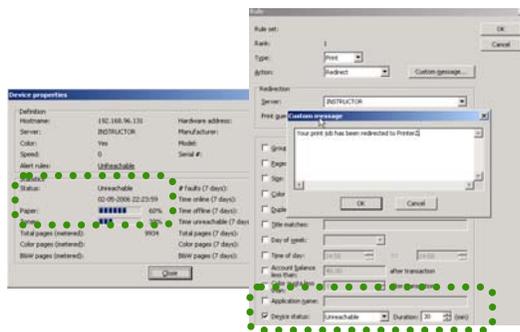
New Actions:

- ✓Redirect & Re-price
- ✓Send Message



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.

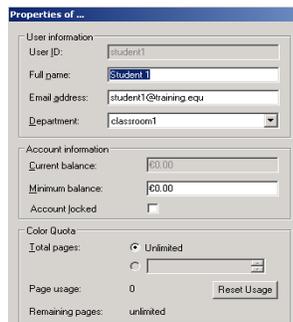
Rules & Routing DME Base Rules

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

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

Color Quota Control

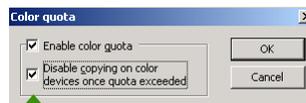
- ☉ Limit color output by user 
- ☉ Allow access to color devices and control usage
- ☉ Eliminate risk of color abuse
- ☉ Facilitate the sale of color-enabled devices



The screenshot shows a 'Properties of ...' dialog box with the following sections:

- User information:** User ID: student1, Full name: Student 1, Email address: student1@training.equ, Department: classroom1
- Account information:** Current balance: \$0.00, Minimum balance: \$0.00, Account locked:
- Color Quota:** Total pages: Unlimited, Page usage: 0, Remaining pages: unlimited

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



The screenshot shows a 'Color quota' dialog box with the following options:

- Enable color quota
- Disable copying on color devices once quota exceeded

 **All copy jobs to all color devices!**

Account Management

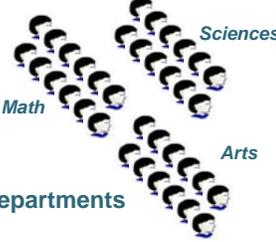
- Remote configuration and management
- Account synchronization with Active Directory
- Automatic account creation
- Automatic PIN creation and Management
- Native OS and LDAP authentication
- Billing Code Synchronization with external database

Users



Domain User ID
Active Directory User ID
Novell NDS User ID
LDP User ID

Departments



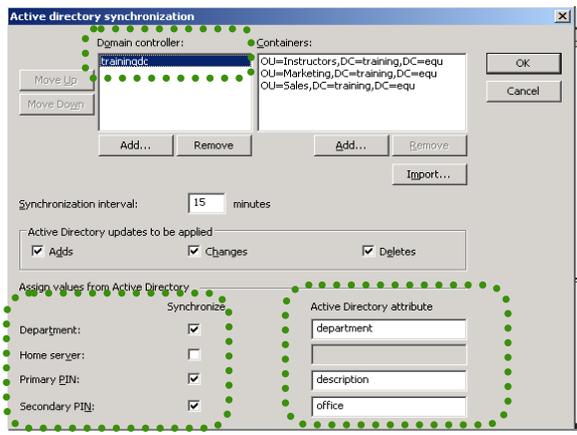
Billing Codes

001-abc001	ABC Company, Project 001, Job 001
001-abc002	ABC Company, Project 001, Job 002
001-abc003	ABC Company, Project 001, Job 003
001-abc004	ABC Company, Project 001, Job 004
001-abc005	ABC Company, Project 001, Job 005
001-abc006	ABC Company, Project 001, Job 006
001-abc007	ABC Company, Project 001, Job 007
002-def001	DEF Company, Project 002, Job 001
002-def002	DEF Company, Project 002, Job 002
002-def003	DEF Company, Project 002, Job 003
002-def004	DEF Company, Project 002, Job 004
002-def005	DEF Company, Project 002, Job 005
002-def006	DEF Company, Project 002, Job 006
002-def007	DEF Company, Project 002, Job 007
002-def008	DEF Company, Project 002, Job 008
002-def009	DEF Company, Project 002, Job 009
002-def010	DEF Company, Project 002, Job 010
002-def011	DEF Company, Project 002, Job 011
002-def012	DEF Company, Project 002, Job 012
002-def013	DEF Company, Project 002, Job 013
002-def014	DEF Company, Project 002, Job 014
002-def015	DEF Company, Project 002, Job 015
002-def016	DEF Company, Project 002, Job 016
002-def017	DEF Company, Project 002, Job 017
002-def018	DEF Company, Project 002, Job 018
002-def019	DEF Company, Project 002, Job 019
002-def020	DEF Company, Project 002, Job 020

Project Number
Job Code
Customer ID

Active Directory Integration

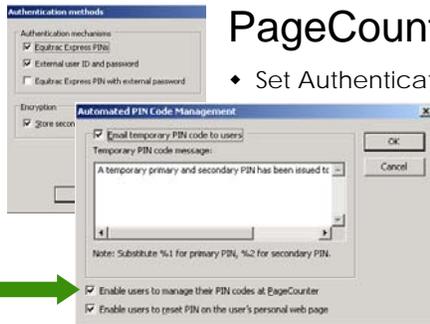
- Support the use of multiple domain controllers, PIN codes, email addresses and departments



The screenshot shows the 'Active directory synchronization' dialog box. It includes a 'Domain controller' field with 'trainingdc.' selected, and a 'Containers' list with 'OU=Instructors,DC=training,DC=equ', 'OU=Marketing,DC=training,DC=equ', and 'OU=Sales,DC=training,DC=equ'. There are 'Add...', 'Remove', and 'Import...' buttons. The 'Synchronization interval' is set to 15 minutes. Under 'Active Directory updates to be applied', 'Adds', 'Changes', and 'Deletes' are all checked. The 'Assign values from Active Directory' section has 'Department', 'Primary EPN', and 'Secondary PIN' checked, with 'Home server' unchecked. The 'Active Directory attribute' list shows 'department', 'description', and 'office'.

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

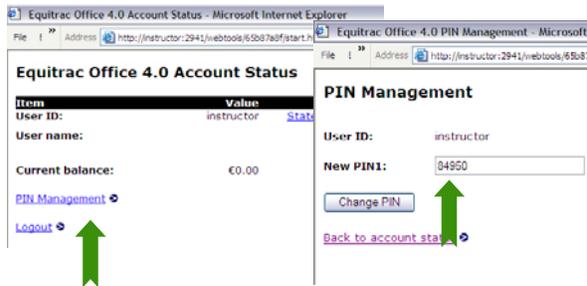
Automated PIN Management

Web Based

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



- User can update via a Web-based Interface



Automated PIN Management

PageCounter Terminal

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



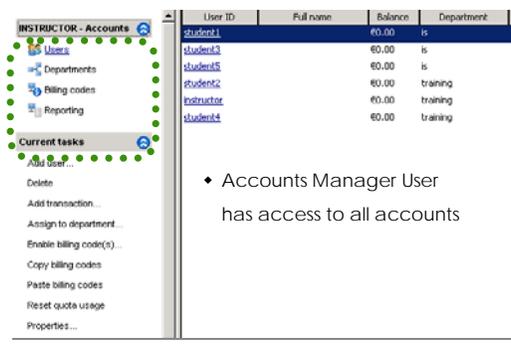


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Department Manager Tool

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

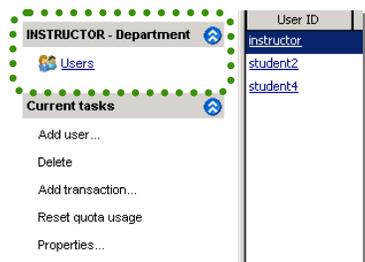




User ID	Full name	Balance	Department
student1		40.00	is
student3		40.00	is
student5		40.00	is
student2		40.00	training
instructor		40.00	training
student4		40.00	training

♦ Accounts Manager User has access to all accounts

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

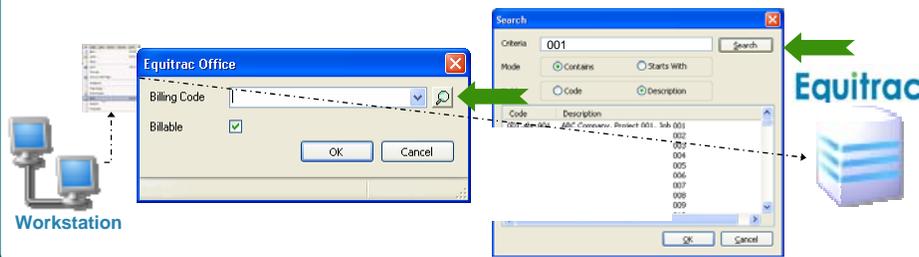


User ID
instructor
student2
student4

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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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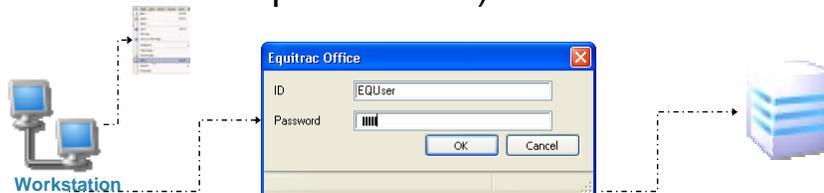
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Anonymous Users - Authentication

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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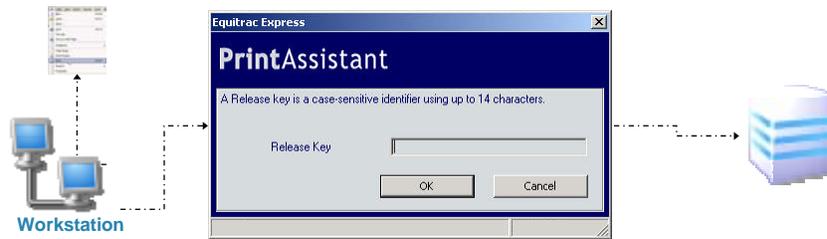
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Anonymous Users - Release Keys

Available in Equitrac Express 4.0 Only

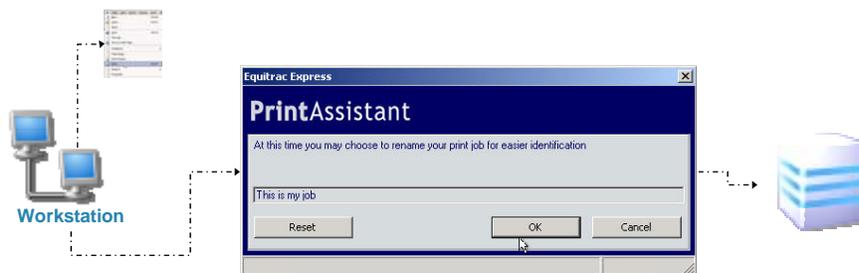
- ◉ Prompts the user to assign a release key at print time to provide security in anonymous user environments. The user creates their own release key which is entered at the Release Station



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



Fund Management - Cost Preview

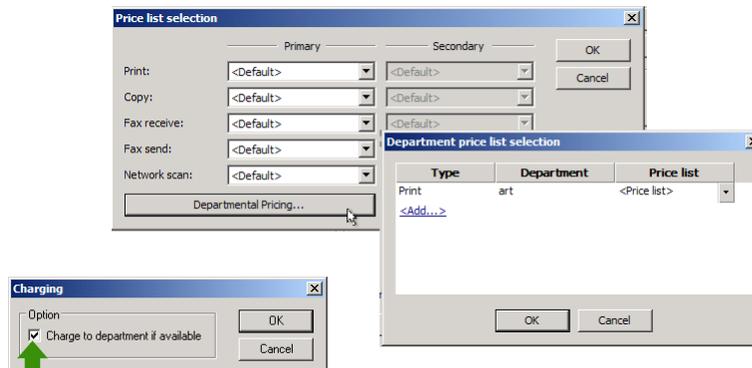
Available in Equitrac Express 4.0 Only

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



Fund Management – Departmental Pricing

- Allows association of different price lists based on department membership

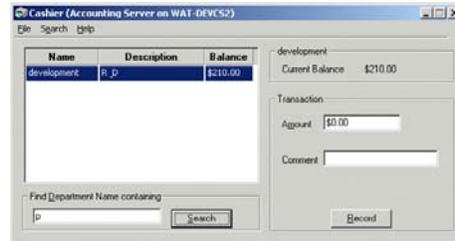


Ensure Departmental Charging has been enabled!

Fund Management - Cashier

Available in Equitrac Express 4.0 Only

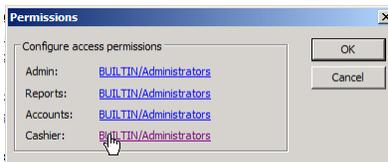
- Cashier is a separate application that can reside on any network client workstation
- Used by staff who managing account balances (for example, service staff at a print/copy desk)
- Enables you to add and subtract funds to user accounts



Fund Management - Cashier

Available in Equitrac Express 4.0 Only

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



Fund Management - Cashier

Available in Equitrac Express 4.0 Only

- ☞ Receipt printing
- ☞ Optional comment field

Fund Management - Campus Card

Available in Equitrac Express 4.0 Only

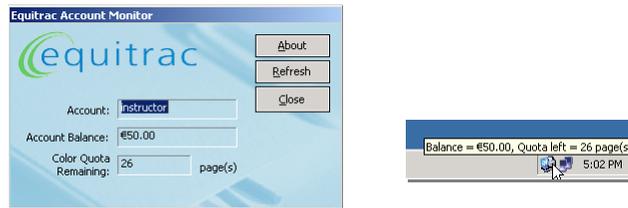
- ☞ Campus Card “electronic purse” integration allows students to use their campus card to charge printing and copying directly to their card.
- ☞ Currently supports Blackboard and CBORD campus card system
- ☞ User interface is provided via the PageCounter terminal



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



Stored Value Card Support

Available in Equitrac Express 4.0 Only

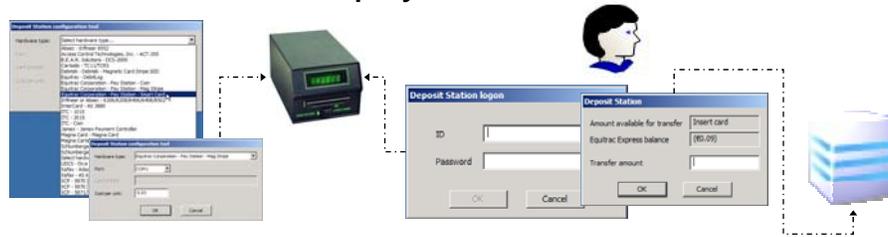
- Supports offline payments with no network connectivity
- Integrates with Equitrac's PayStation Terminal*
- Supports a large number of card readers from other manufacturers
- Can be integrated with an existing card system



Funds Management – Deposit Station

Available in Equitrac Express 4.0 Only

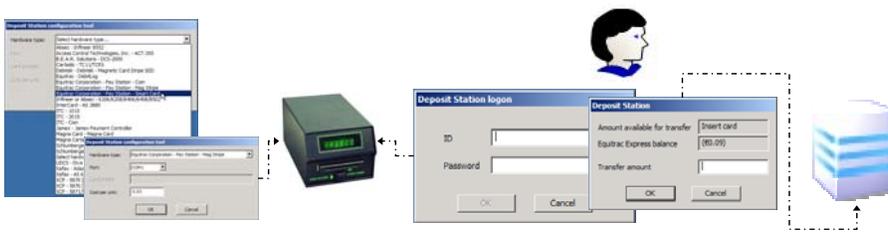
- Deposit Station allows users to move funds from a payment card system into their Equitrac Express account
- Setup on a public workstation that is connected to a payment card reader



Funds Management – Deposit Station

Available in Equitrac Express 4.0 Only

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



PayStation Deposit Center

Available in Equitrac Express 4.0 Only

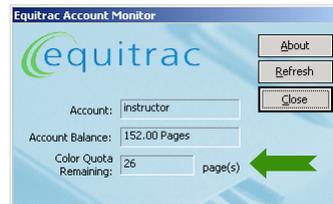
- PayStation Deposit Center* allows users to make cash payments into their Equitrac Express account
- Once configured, users can logon to the Deposit Center using their network userID and password and then transfer the desired cash payment to the Equitrac Express account



***Currently only available in North America**

Fund Management – Currency Display

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



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



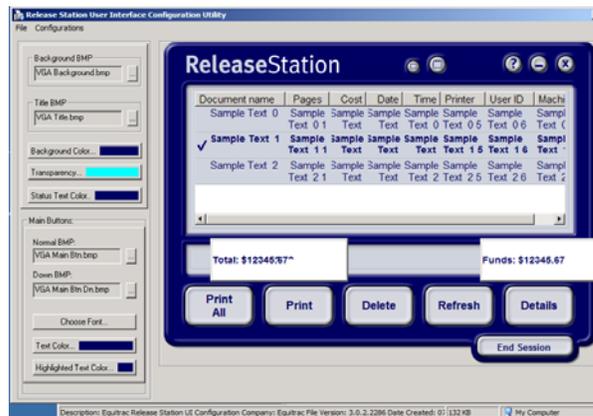
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Release Station - Customization

- 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

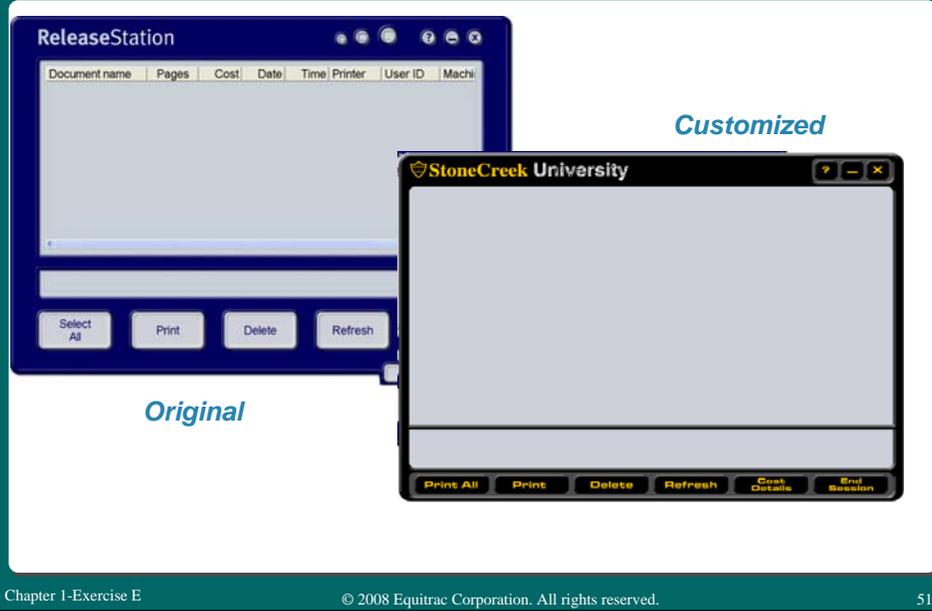


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Release Station - Customization



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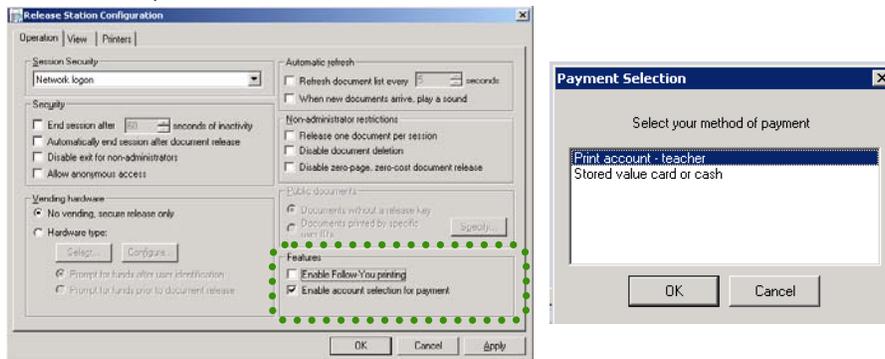
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Release Station Payments

Available in Equitrac Express 4.0 Only

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



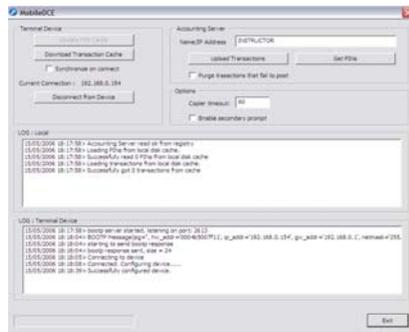
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Offline Copy Tracking - MobileDCE

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

System Management Tools

System Manager

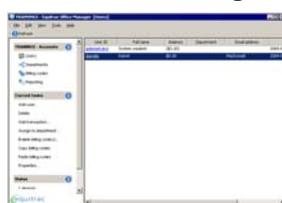


- Add licenses
- Print server configuration
- Control Terminal configuration
- Accounting policy
- Setup of all server functionality

Reports Manager

Date	From	Amount	Type	Description	Page	Cost
1/1/2008 12:00	100.000.000.000	100.000.000.000	debit	Account Open - Debit	1	1.000
1/1/2008 12:00	100.000.000.000	100.000.000.000	debit	Account Open - Debit	1	1.000
1/1/2008 12:00	100.000.000.000	100.000.000.000	debit	Account Open - Debit	1	1.000
1/1/2008 12:00	100.000.000.000	100.000.000.000	debit	Account Open - Debit	1	1.000
1/1/2008 12:00	100.000.000.000	100.000.000.000	debit	Account Open - Debit	1	1.000

Accounts Manager



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

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?

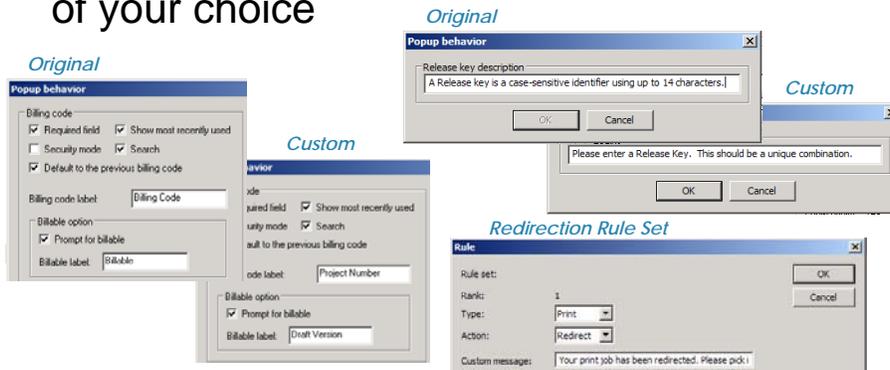
Sprechen Sie Deutsch?

Parla l'Italiano?

Habla Español?

Language Support

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



Equitrac Office & Express

Review:

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

Equitrac Express 4.0 Only

Review:

- Ⓒ Anonymous Users
- Ⓒ Fund Management
- Ⓒ Vending Tools

Questions?

