How Equitrac Works

equitrac Office™ 4 equitrac Express™ 4

Instructor Led Training

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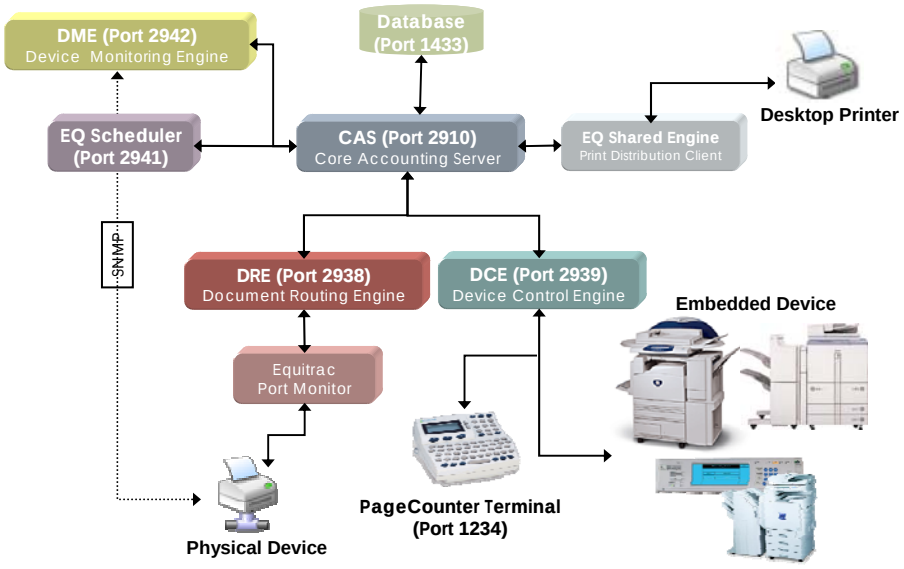
Chapter 1-Exercise F

Communication Process



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Core Accounting Server (CAS)

- Calculates transaction costs based on pricing rules and transaction details
- Validates cost data associated with each transaction
- Manages access to the database

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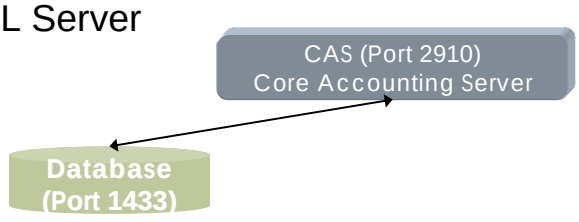
Database

- The CAS service stores all printer, user, department, billing code, transaction, and balance information in a database
- Account database available:
  - Microsoft® SQL Server Desktop Engine (MSDE)
  - Microsoft SQL Server Express 2005
  - Microsoft SQL Server
  - Oracle®



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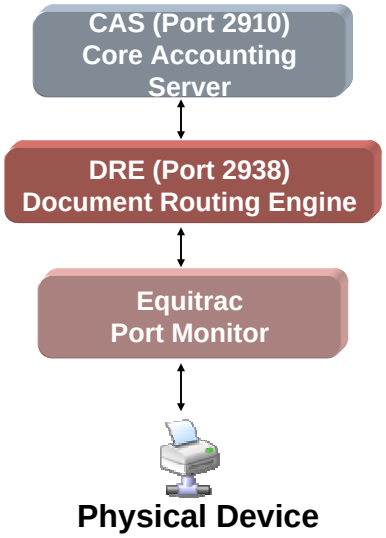
Document Routing Engine (DRE)



- Print server subsystem
- It packages the data from the print job with the validation data from the client
- Executes actions created by Rules and Secure Document Release requests from terminals

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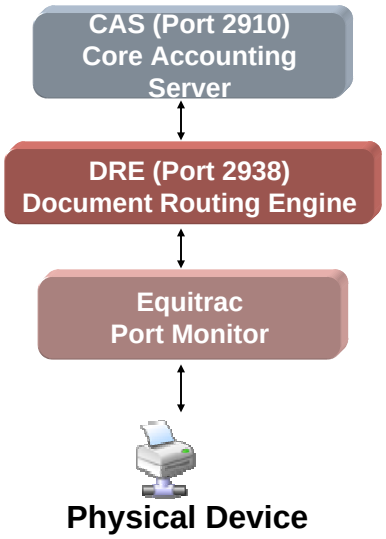
Equitrac Port Monitor



- Integrates fully with the printing subsystem and the spooler service
- Manages communication with the physical printing devices

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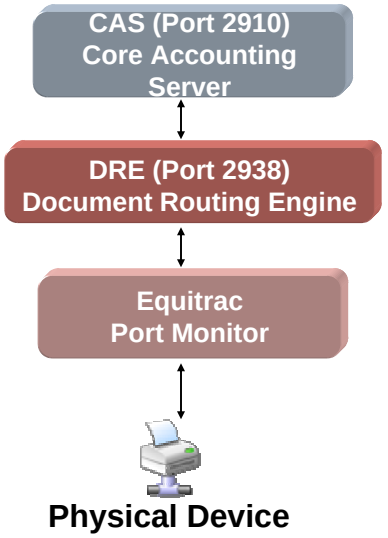
Equitrac Port Monitor



- Receives and routes print jobs to network managed printers
- Collects information about print transactions using the Page Counter Engine based on the driver language, (for example, Postscript, PCL, HPGL2, etc.)

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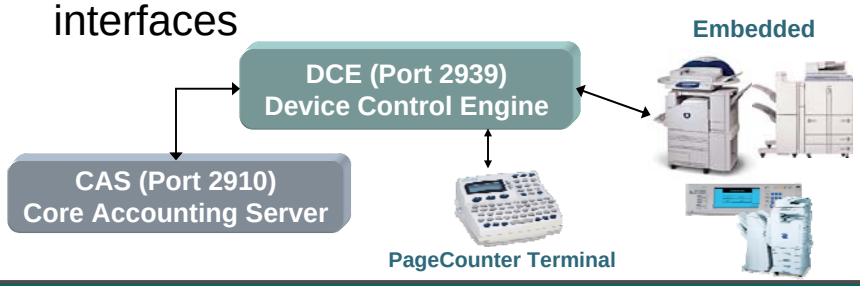
Device Control Engine (DCE)

- Communicates with PageCounter terminals
- Collects data from terminals or embedded devices for copying, faxing and scanning and sends the information to CAS
- Manages copier/printer embedded device interfaces



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Equitrac Shared Engine

- Communicates with the CAS and DRE to provide client side functionality that includes:
  - Client Billing
  - Desktop Printing
  - Send To Printing
  - Release Key
  - Rename Print job

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Equitrac Scheduler

- Service is used to run scheduled tasks on the CAS
- Available tasks include:
  - Automatic Report Generation
  - Import billing codes
  - Set Color Quotas and reset color usage
  - Set Account Balances
  - Run a batch file or other executable program

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Applications

- Administrative applications can be installed remotely from the Equitrac server

System Administration Applications

- System Manager
- Accounts Manager
- Device Monitoring Console
- EQ Print Queue Viewer

Other Administrative Applications

- Reports Manager
- Release Station Configuration Tool
- Cashier
- Department Manager

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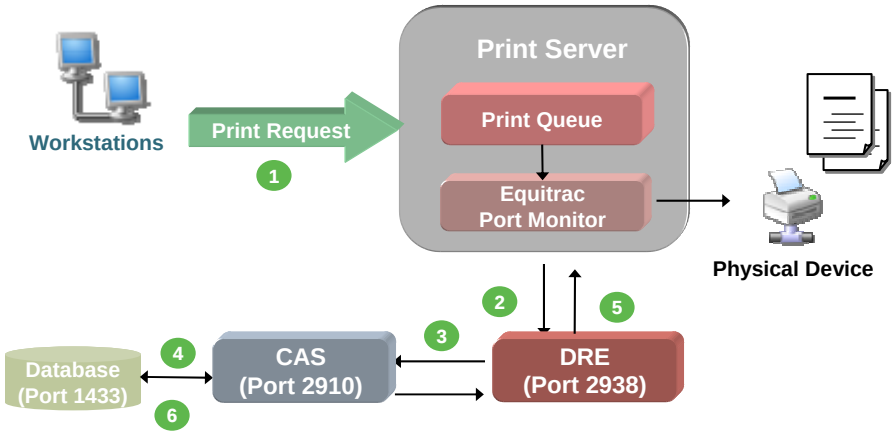
Network Print Tracking



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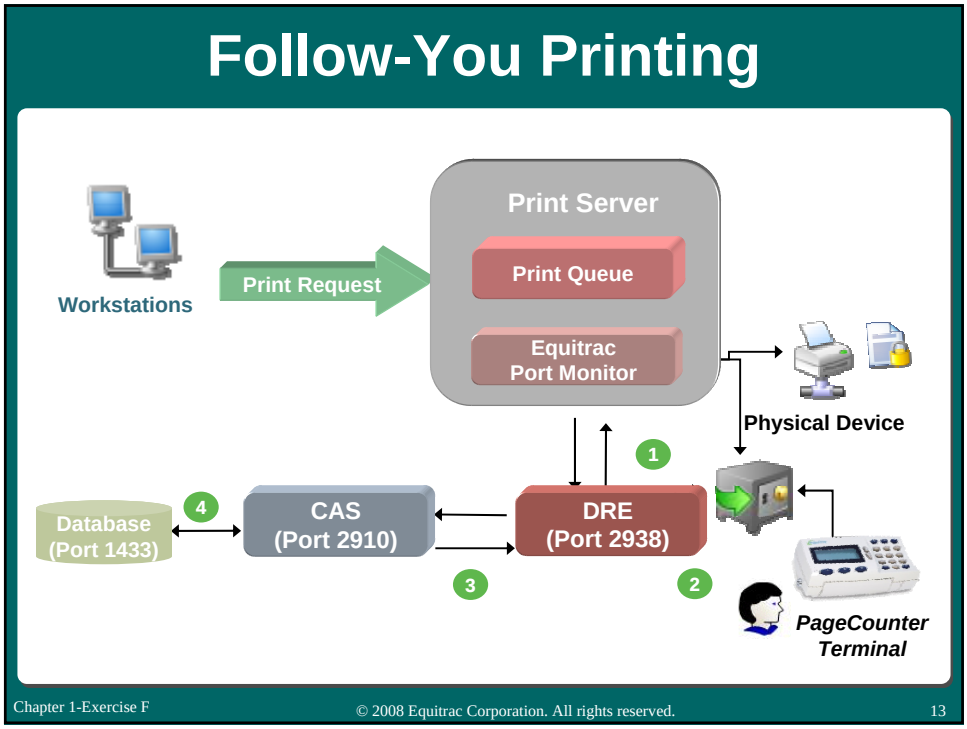
Follow-You Printing
Workstations
Print Request
Print Server
Print Queue
Equitrac
Port Monitor
Physical Device
1
Database
(Port 1433)
4
CAS
(Port 2910)
DRE
(Port 2938)
3
2
PageCounter
Terminal
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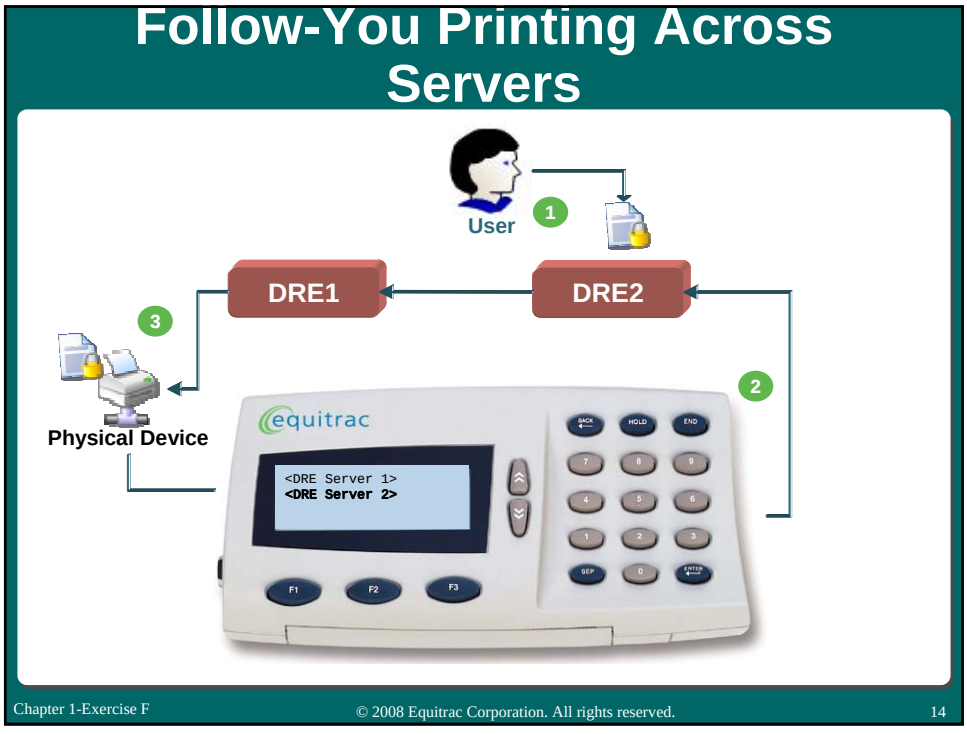
Follow-You Printing Across Servers
User
1
DRE1
DRE2
3
2
Physical Device
equitrac
<DRE Server 1>
<DRE Server 2>
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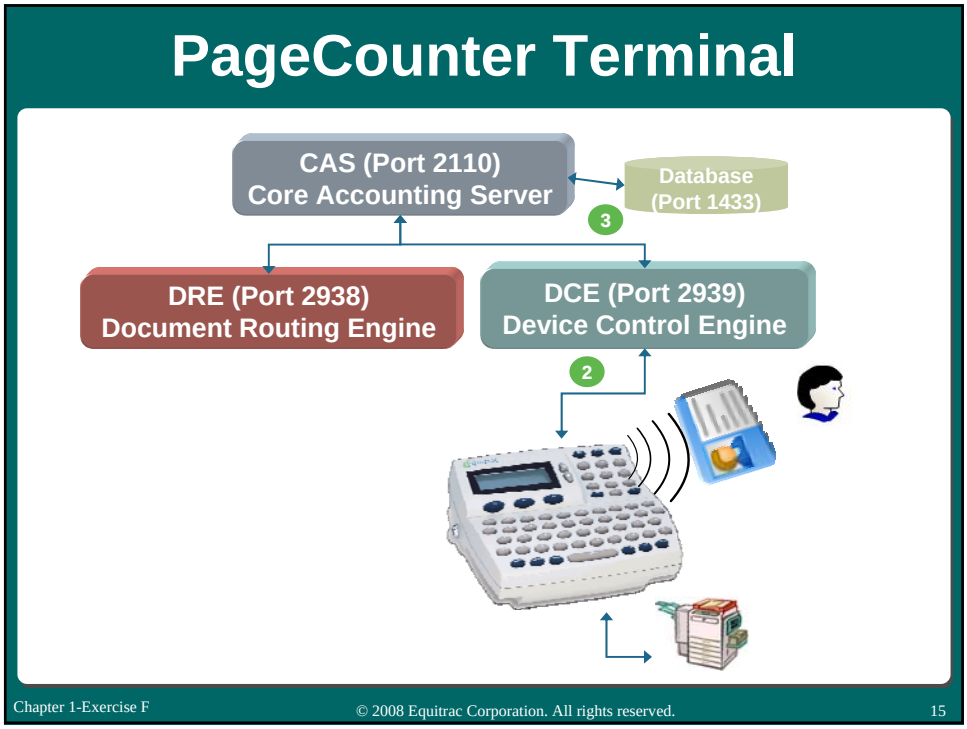

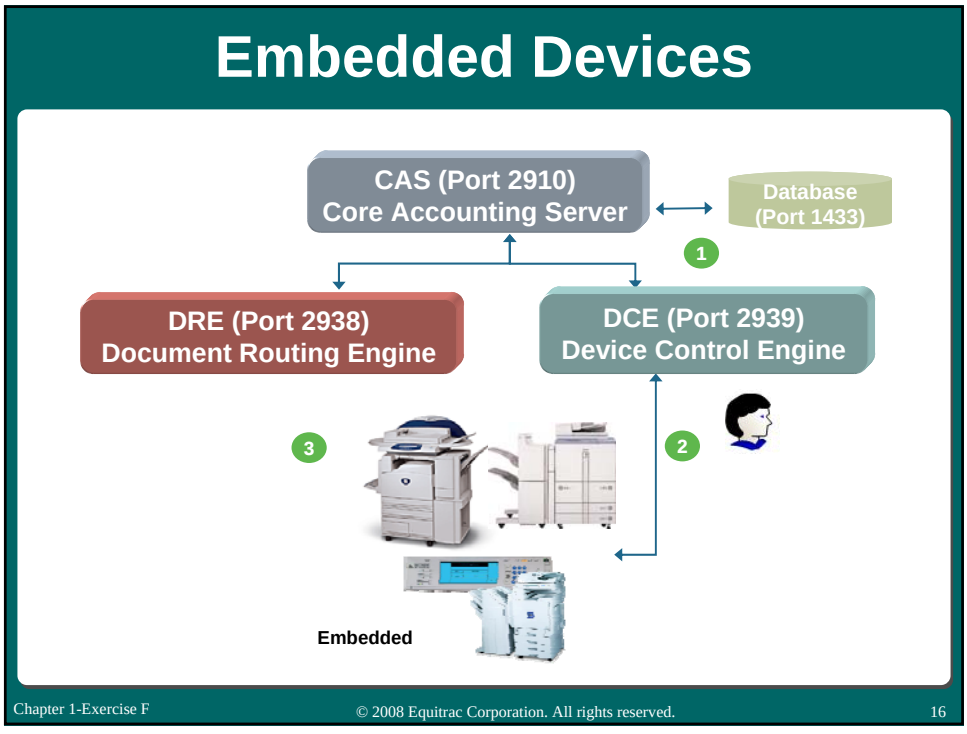

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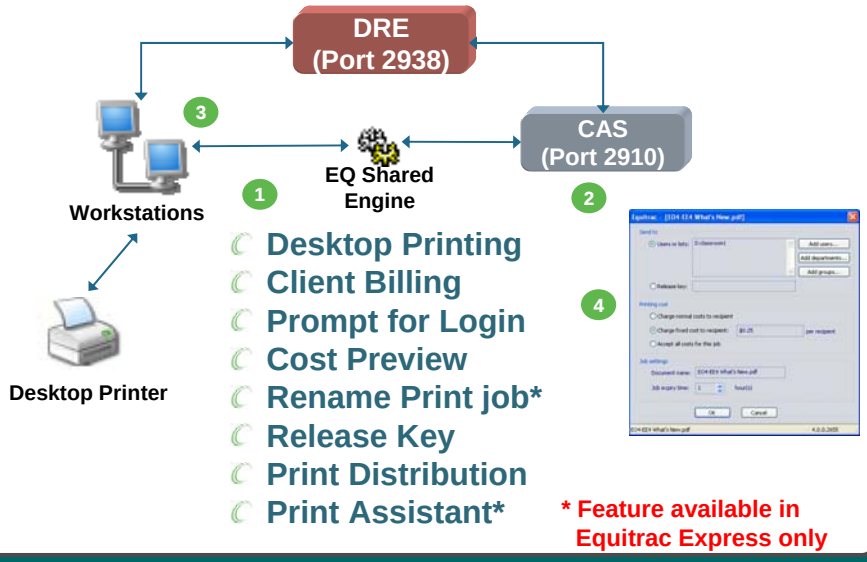
Workstation Client and Print Assistant



- Desktop Printing
- Client Billing
- Prompt for Login
- Cost Preview
- Rename Print job*
- Release Key
- Print Distribution
- Print Assistant*

* Feature available in Equitrac Express only

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Questions?

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