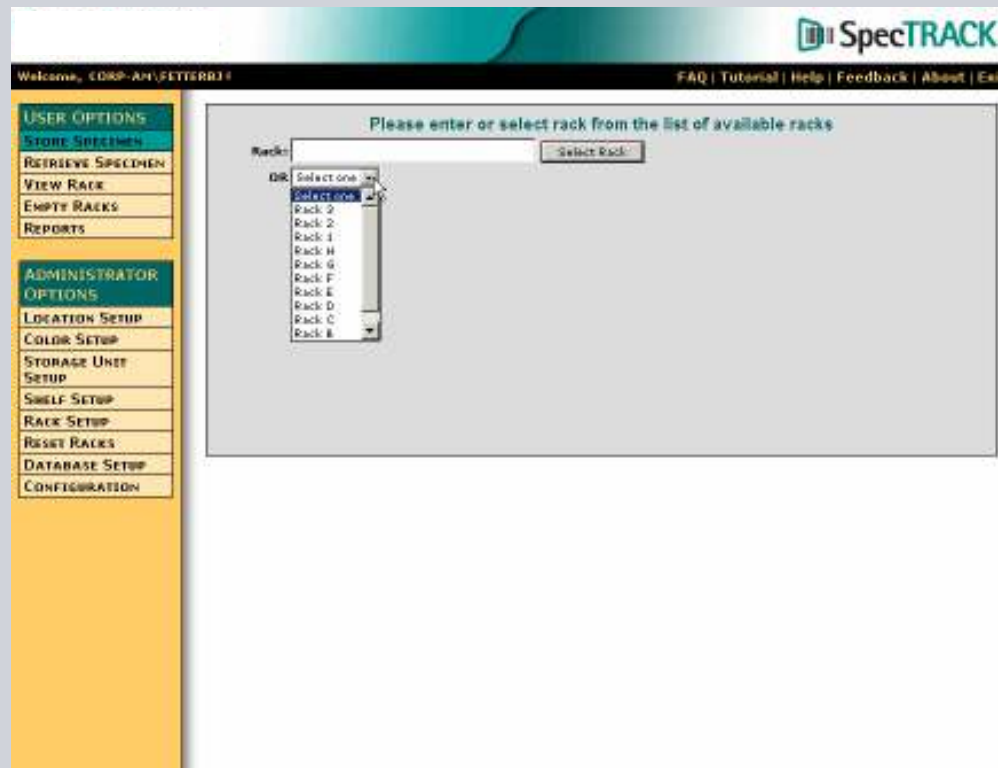


Online Presentation

A screenshot of the SpecTRACK web application interface. The page has a teal header with the SpecTRACK logo and navigation links: "Welcome, CORP-AM\FETTERJ", "FAQ | Tutorial | Help | Feedback | About | Exit". On the left is a vertical navigation menu with two sections: "USER OPTIONS" (STORE SPECIMEN, RETRIEVE SPECIMEN, VIEW RACK, EMPTY RACKS, REPORTS) and "ADMINISTRATOR OPTIONS" (LOCATION SETUP, COLOR SETUP, STORAGE UNIT SETUP, SHELF SETUP, RACK SETUP, RESET RACKS, DATABASE SETUP, CONFIGURATION). The main content area is titled "Please enter or select rack from the list of available racks". It contains a "Rack:" label, a text input field, a "Select Rack" button, and a dropdown menu labeled "DR" with a "Select one" header and a list of rack options: Rack Q, Rack Z, Rack J, Rack H, Rack G, Rack F, Rack E, Rack D, Rack C, Rack B.

- Do your physicians order add-on testing to completed samples?
- Do you spend time searching your refrigerators for specimen tubes?
- Are you thinking about implementing more automated specimen storage and retrieval processes?

- “Sample handling is probably our biggest waste of time”.
- “Technologists spend 35 minutes in the cold room searching for samples”.
- “I need a simple and quick method for storing and retrieval of any specimens – chemistry, hematology, urinalysis...”



SIEMENS

You told us what you wanted, and Siemens listened.

The Search Is Over...

- Know the exact location of any specimen in the entire laboratory network.
 - Chemistry, hematology, coagulation, urinalysis, even microbiology
 - Specimens can be bar coded or manually identified
- Get fast retrieval of a needed specimen for use in adding a test or re-running a sample request.
 - Simplifies and automates existing specimen storage and retrieval workflow
- Eliminate time-consuming searches in the refrigerator or cold room.

Cost-Effective

- Can be a single-user application or used in a network with as many as 25 additional users.
 - Works on your laboratory system's Local Area Network (LAN)
 - Browser-based software allows additional users as easily as typing in a new address

- Doesn't require lab redesign or expensive hardware.
 - Utilize resources in your lab today

- Works with your current computer system, barcodes and USB or keyboard-wedge barcode readers.
 - Optional barcode readers also available through Siemens

Fully Customizable

- ***Allows you to define locations, racks, and storage units – your way.***
 - Uses your current locations, storage units, and specimen racks, with or without barcodes
- ***Easy addition, modification, or removal of specimens.***
 - User initials, location, and timestamp automatically tracked in smart database
- ***Customers set a pre-defined time for all specimens to be deleted.***
 - Emptying racks from the database is a simple process coinciding with refrigerator rack discard
- ***Generate user or specimen specific reports.***
 - Printable reports tracking specimen movement or user activity

Easy to Use

- Access with one click from your computer's desktop
 - SpecTRACK® is available even when your LIS is down

- Easily accessible from any location on your network
 - Available to users in central processing and all the technical departments- all they need is a desktop computer

- Only two authorization levels
 - Administrator- for one-time system setup
 - User- for everyday storage and retrieval usage

- Online FAQ's
 - Answers to most commonly asked SpecTRACK® questions, just one click away.

Easy to Install and Setup

- ***Two ways to acquire SpecTRACK® software:***
 - Purchase SpecTRACK® Software online (catalog #420256.001) and download directly from our website at www.siemens.com/diagnostics onto your computer (US Customers only)
 - Purchase SpecTRACK® Software CD set (catalog #420325.911) and install the software directly from the CD yourself

- ***Online training tutorial***
 - Includes instructions for setting up as administrator and adding users
 - Outlines how to store and retrieve specimens

- ***Online comprehensive, easy-to-follow User Guide***
 - Downloadable and printable

Backed by Siemens

- *Consolidated support from a trusted vendor*
- *Rated #1 in Customer Service**
- *Best in class Technical Assistance Center*
 - SpecTRACK® is registered in our systems just like an instrument
- *24/7 service*

**ServiceTrak™*

SpecTRACK® Minimum System Requirements

Processor	Intel® Pentium IV, 2 GHz
Memory	512 MB
Hard Drive	2 GB free space for application/database
Operating System	Microsoft® Windows 2000 or XP Professional SP1
Browser	Internet Explorer 5.5 or higher
Barcode Reader	USB or keyboard wedge interface
Adobe	Adobe Acrobat® Reader 5.0 or higher

Now for a peek at specimen tracking using
the SpecTRACK[®] system in your lab...

Administrator Setup

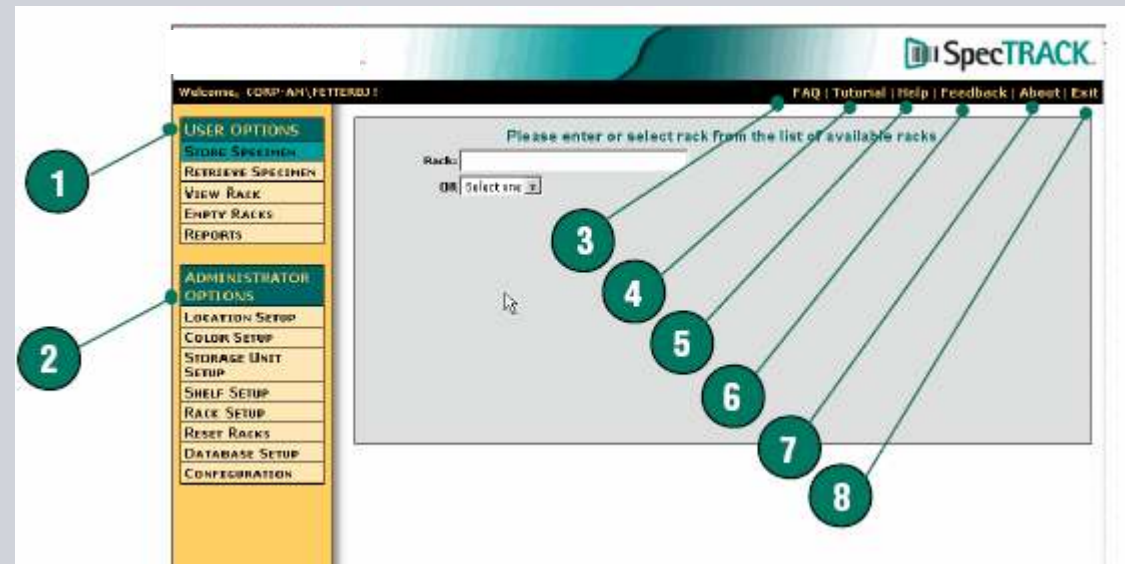
SpecTRACK® is purchased and downloaded onto a computer. This will be the “administrator” authority computer, and the owner will begin customization based on their physical storage systems in place.



SpecTRACK® Main Menu Screen Overview

The Main Menu has eight options:

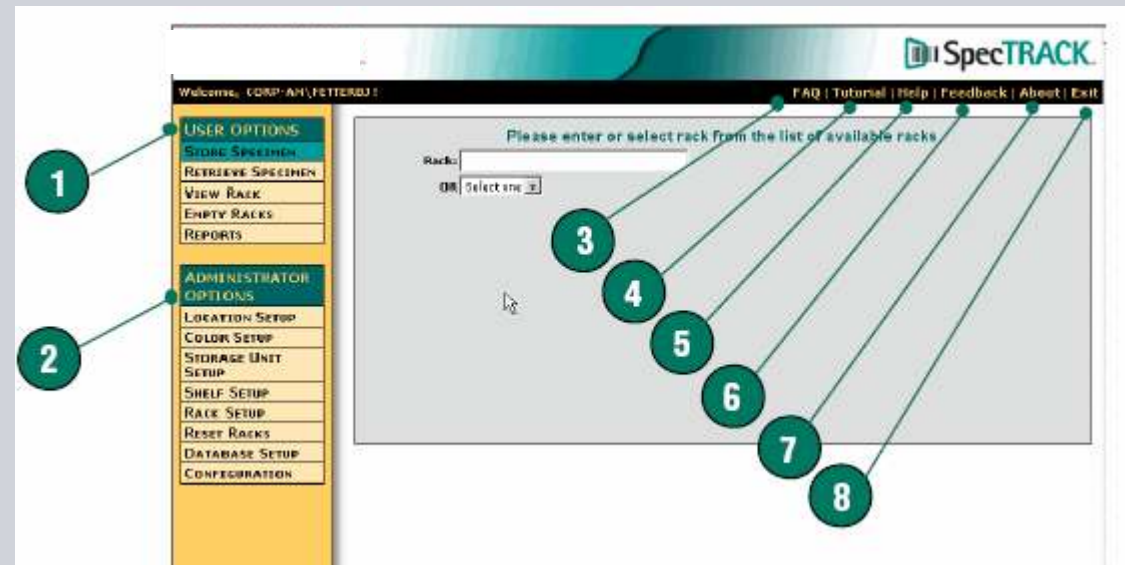
1. **User Options** - Use the User Option area to store specimens in defined racks by scanning the barcode label or typing in the specimen data.
2. **Administrator Options** - Use these options to configure the parameters for specimen Storage and retrieval.
3. **FAQ** – Use this link for information most often requested by users.
4. **Tutorial** – Use this link to review a short walkthrough of the SpecTRACK® application.



SpecTRACK® Main Menu Screen Overview

The Main Menu has eight options:

5. **Help** – Use this link to display the Users Guide.
6. **Feedback** – Use this link to connect to Siemens.com and send feedback regarding SpecTRACK® to Siemens.
7. **About** – Use this link to display the SpecTRACK® application properties (URL, Version & License).
8. **Exit** – Use this link to exit from the SpecTRACK® application.



These Main Menu items will always frame every SpecTRACK® screen, for consistency and simplicity.

Administrator Setup

The administrator will define lab sites, storage units, shelves, rack colors and sizes, database backup, and configure archive period.

Only administrators will view these options onscreen.



ADMINISTRATOR OPTIONS
LOCATION SETUP
COLOR SETUP
STORAGE UNIT SETUP
SHELF SETUP
RACK SETUP
RESET RACKS
DATABASE SETUP
CONFIGURATION

The screenshot shows the 'SpecTRACK' interface. On the left is a navigation menu with 'ADMINISTRATOR OPTIONS' expanded to 'LOCATION SETUP'. The main content area is titled 'This area allows the user to add locations' and contains a form with the following fields:

- Name:
- Street Address 1:
- Street Address 2:
- City:
- State:
- Zip Code:
- Country:
- E-mail Address:
- URL:
- Contact Name:
- Contact Phone:
- Choose Parent Location:

At the bottom of the form are 'Add Location' and 'Clear' buttons. On the right side of the screen, there is a list of existing locations: 'Local Hospital', 'Chemistry Laboratory', 'Hematology Laboratory', and 'Reference Laboratory', each with a blue underlined link.



Example of lab location setup screen.

Administrator Setup

Welcome, CORP-AM\PIETTERD1 | FAQ | Tutorial | Help | Feedback | About | Exit

ADMINISTRATOR OPTIONS

Storage Unit Name :

Storage Unit Description :

* Required fields

STORAGE UNIT NAME	STORAGE UNIT DESCRIPTION	ACTIONS
Walk-in Refrigerator	Chemistry Lab	Delete Edit
Three Door Refrigerator	Chemistry Lab	Delete Edit
Two Door Refrigerator	Hematology Lab	Delete Edit
Freezer 1	Chemistry Lab	Delete Edit

Storage unit setup screen shows chemistry and hematology refrigerators, and allows administrator to define more storage units.

Welcome, CORP-AM\PIETTERD1 | FAQ | Tutorial | Help | Feedback | About | Exit

ADMINISTRATOR OPTIONS

Rack Name :

Rows : # Columns :

Color : Sample Color :

Storage Unit :

Shelf :

Location : * Required fields

Description :

RACK NAME	COLOR	SHELF	STORAGE UNIT	LOCATION	CURRENT USER	FULL	DESCRIPTION	ACTIONS
Rack 3	White	Shelf 2	Three Door Refrigerator	Chemistry Laboratory		No		Delete Empty Edit Transfer
Rack 2	White	Shelf 2	Three Door Refrigerator	Chemistry Laboratory		No		Delete Empty Edit Transfer
Rack 1	White	Shelf 1	Three Door Refrigerator	Chemistry Laboratory		No		Delete Empty Edit Transfer
Rack C	Green	Monday	Walk-in Refrigerator	Chemistry Laboratory		No		Delete Empty Edit Transfer
Rack B	Green	Monday	Walk-in Refrigerator	Chemistry Laboratory		No		Delete Empty Edit Transfer
Rack A	Green	Monday	Walk-in Refrigerator	Chemistry Laboratory		No		Delete Empty Edit Transfer

Rack setup screen shows 6 current defined racks and allows administrator to define more racks.

Adding Additional Users to the Network

To add SpecTRACK® users to the network, simply click on “About” from the main menu on the Administrator’s computer, and write down the SpecTRACK URL address. (<http://xxx.xx.xx.xxx/spectrack>)

Open Internet Explorer on the computer(s) to be networked, and type in the SpecTRACK URL. The additional computer(s) will now be networked and have access to User Options only, using the administrator’s database.

SpecTRACK® User Options

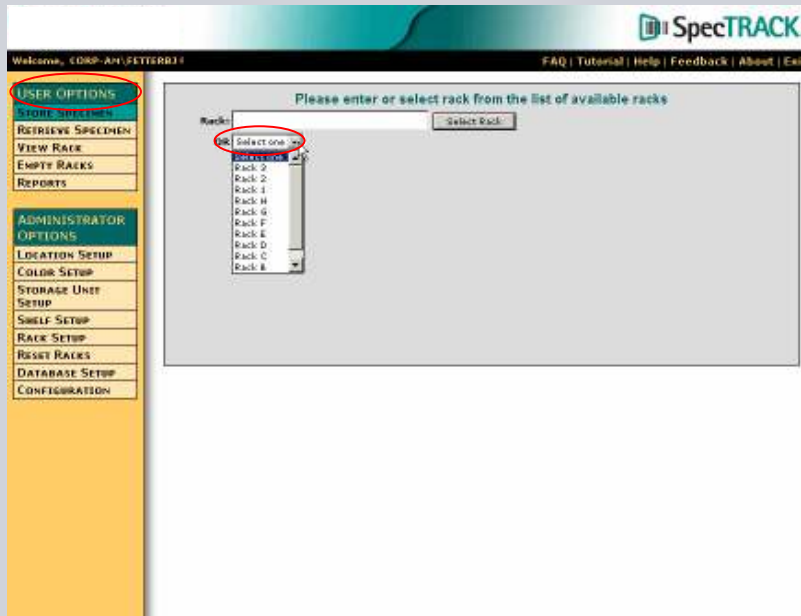
USER OPTIONS
STORE SPECIMEN
RETRIEVE SPECIMEN
VIEW RACK
EMPTY RACKS
REPORTS



User Options is the main section used every day by lab personnel to store, retrieve, and move specimens.

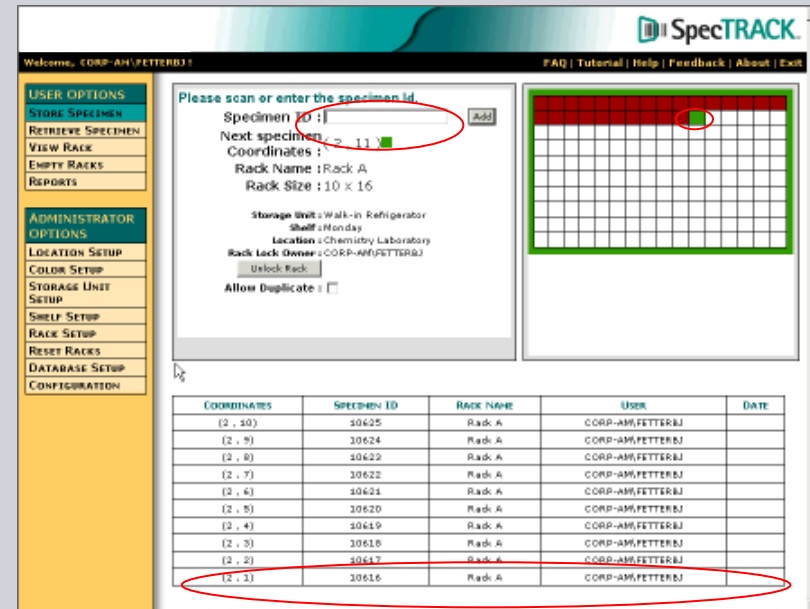
They can also view and empty racks, and create user and specimen reports

SpecTRACK® User Options: Store Specimen



Step 1, pick a rack from those defined.

Note: You must still physically put the specimen in the place you have just defined by the software!



Step 2, scan the specimen barcode. The picture of the rack will update, and specimen ID and coordinates will be filled in table below.

SpecTRACK® User Options Retrieve Specimen

Retrieved specimen will be in table. The table allows specimens to be deleted, edited, or moved.

Welcome, CORP-AM\FETTERBJ | FAQ | Tutorial | Help | Feedback | About | Exit

USER OPTIONS
 STORE SPECIMEN
RETRIEVE SPECIMEN
 VIEW RACK
 EMPTY RACKS
 REPORTS

ADMINISTRATOR OPTIONS
 LOCATION SETUP
 COLOR SETUP
 STORAGE UNIT SETUP
 SHELF SETUP
 RACK SETUP
 RESET RACKS
 DATABASE SETUP
 CONFIGURATION

This area allows the user to search for specimens. Please enter complete or partial specimen id.

Specimen ID:
 Search Close

Rack Name: Rack B
 Rack Size: 10 x 15
 Storage Unit: Walk-in Refrigerator
 Shelf: Main
 Location: Chemistry Laboratory

COORDINATES	SPECIMEN
(2, 12)	10625
(2, 13)	10625
(2, 8)	10642
(2, 7)	10642
(2, 6)	10642
(2, 9)	10646
(2, 4)	10645
(2, 3)	10644
(2, 2)	10643

SPECIMEN COUNT		49	
DATE	ACTIONS		
05 15:54	Delete Edit Move		
05 15:50	Delete Edit Move		
05 15:26	Delete Edit Move		
05 15:26	Delete Edit Move		
05 15:26	Delete Edit Move		
05 15:26	Delete Edit Move		
05 15:26	Delete Edit Move		
05 15:26	Delete Edit Move		
05 15:26	Delete Edit Move		
05 15:26	Delete Edit Move		

SEARCH CRITERIA	10	RETRIEVED SPECIMEN COUNT	55	TOTAL SPECIMEN COUNT	55
COORDINATES	(2, 14)	SPECIMEN ID	10624	RACK ID	Rack A
	(2, 13)		10625		Rack A
		MOVED TO		CREATE USER	CORP-AM\FETTERBJ
				ENTRY DATE	Jan 26, 2005 16:08
				ACTIONS	Delete Edit Move

Click on Retrieve, type in specimen ID, hit search.

Location of specimen will be a green square in rack in the pop-up box.

http://localhost/spectrack/jsp/specimen/vie...

Rack Name : Rack A
 Rack Size : 6 x 12
 Storage Unit : Two Door Refrigerator
 Shelf : Top Shelf
 Location : Chemistry Laboratory

Close

SpecTRACK® User Options: Empty Racks

Users can empty one rack or be prompted to automatically empty all racks on a given date dependent on archive configuration set up.

Racks needing to be emptied are selected, simply click on Empty.

The screenshot shows the SpecTRACK web application interface. On the left is a sidebar with navigation options: USER OPTIONS, STORE SPECIMEN, RETRIEVE SPECIMEN, VIEW RACKS, EMPTY RACKS (highlighted with a red circle), and REPORTS. Below this are ADMINISTRATOR OPTIONS: LOCATION SETUP, COLOR SETUP, STORAGE UNIT SETUP, SHELF SETUP, RACK SETUP, RESET RACKS, DATABASE SETUP, and CONFIGURATION. The main content area has a header with the SpecTRACK logo and navigation links (FAQ, Tutorial, Help, Feedback, About, Exit). Below the header is a search form with the text: "This area allows the user to select and empty racks. Please enter complete or partial rack name." There is a text input field with "rack" entered, a "Search Rack" button, and a "Clear" button. At the bottom of the main area, there is a button labeled "Empty" (circled in red) and a table with the following data:

EMPTY	NAME	COLOR	SHELF	STORAGE UNIT	LOCATION	CURRENT USER	FULL	DESCRIPTION
<input checked="" type="checkbox"/>	Rack 2	White	Shelf 2	Three Door Refrigerator	Chemistry Laboratory		No	
<input checked="" type="checkbox"/>	Rack 2	White	Shelf 2	Three Door Refrigerator	Chemistry Laboratory		No	
<input checked="" type="checkbox"/>	Rack 1	White	Shelf 1	Three Door Refrigerator	Chemistry Laboratory		No	
<input checked="" type="checkbox"/>	Rack C	Green	Monday	Walk-in Refrigerator	Chemistry Laboratory		No	
<input checked="" type="checkbox"/>	Rack B	Green	Monday	Walk-in Refrigerator	Chemistry Laboratory		No	
<input checked="" type="checkbox"/>	Rack A	Green	Monday	Walk-in Refrigerator	Chemistry Laboratory		No	

Note: You still must physically discard the tubes in the racks marked Empty!

SpecTRACK® Benefit Review

- Eliminates time consuming searches in refrigerator or cold room
- Doesn't require lab re-design or expensive hardware
- Automates your existing manual specimen storage system
- Available during LIS downtimes
- Single purchase automates whole lab via network system
- Consolidated support from a trusted vendor



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