

Welcome to Everything you need to know about Advanced Audit

The presentation will begin shortly.

Please note that all attendees are in listen only mode.

Inquiries may be submitted using the **Questions** window.

A recording of this webinar will be sent out to all attendees.


Presented by:




Everything You Need to Know About Advanced Audit






Inquiries may be submitted using the **Questions** window.

Questions 

Show Answered Questions

X	Question	Asker	Rec'd		Answer

 Send Privately  Send to All 

eMedApps - About Us

eMedApps is a Healthcare Information Technology Services company providing practices, clinics and hospitals with a full range of services, as well as a suite of products designed to increase efficiency and facilitate communication.

- Founded in 1999
- Working as partner with NextGen since 2001
- Worked as subcontractor for NextGen
- Serving healthcare clients across USA
- Services and Products for NextGen clients



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About Our Presenter

About Our Presenter

Dwight Shuler has been with eMedApps for 6.5 years. He is an Application Specialist and has over 15 years of experience in healthcare. He enjoys being outdoors with his children, coaching their team sports, and working on home projects.



Requirements

Requirements 6.2021.1

- NextGen's Best Practice recombination is to install Advanced Audit on a dedicated server
- Client must have Microsoft Excel 2010 or higher to export audit reports
- Microsoft Windows Server 2008 R2 SP1 or above
- 4 GB hard disk space
- GB RAM
- Dual Core Processor
- Microsoft Message Queue (MSMQ) enabled
- Microsoft Visual C++ 2010 Service Pack 1 Redistributable Package MFC Security Update
- Microsoft .NET Framework 4.6.2 or above
- Net.TCP Port Sharing Service enabled and running

Overview

Overview

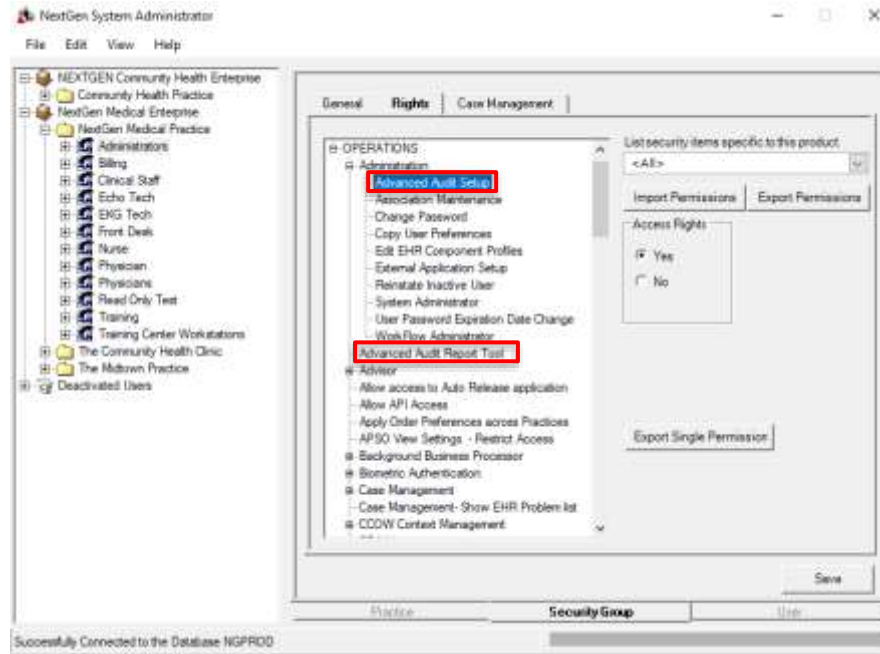
Advanced Audit allows your practice to capture activity throughout NextGen. This can be captured at a patient, user and Enterprise/Practice level. This can be beneficial for:

- Investigating unauthorized access to patient information
- Investigating unauthorized changes to patient information
- Tracking updates to patient information
- Reporting can be completed for each of the areas above

System Administrator

Security Rights

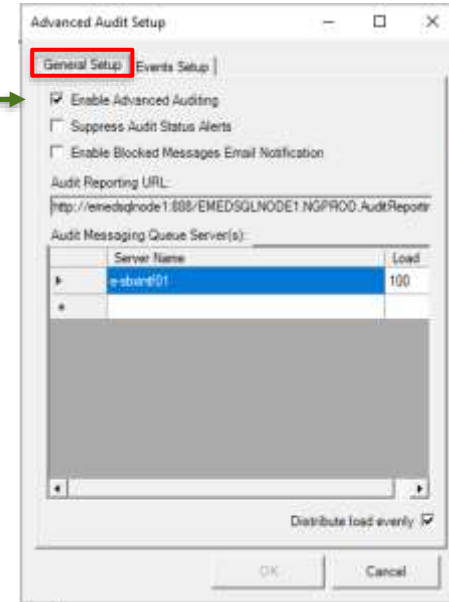
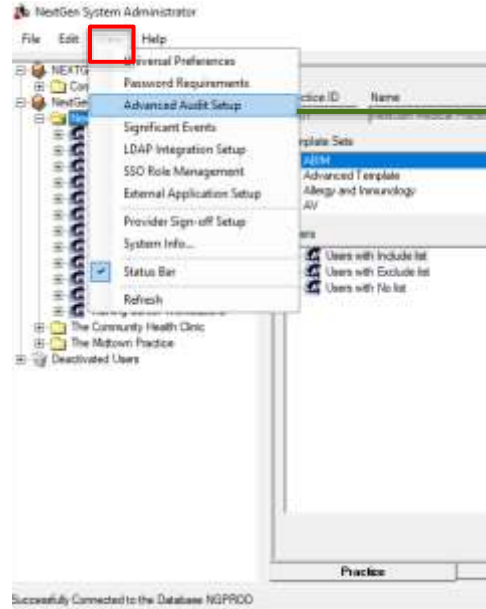
The following security rights are needed to set up Advanced Audit and to access and run reports from the Advanced Audit Report Tool.



Advanced Audit Setup-General Setup

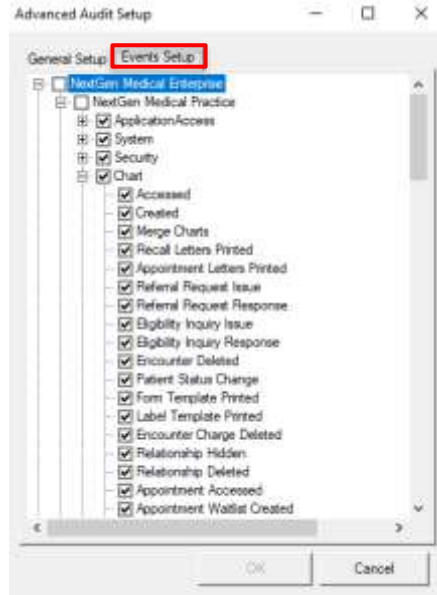
To enable the events that will need to be audited, access the View menu from System Administrator and select Advanced Audit Setup.

- Enable Advanced Auditing tuns on the service
- Enable Blocked Messages Email Notification enables an additional tab for
- Suppress Audit Status Alerts prevents notifications to users if Advanced Audit is not enabled
- For larger practices you can balance the processing of the messages between servers



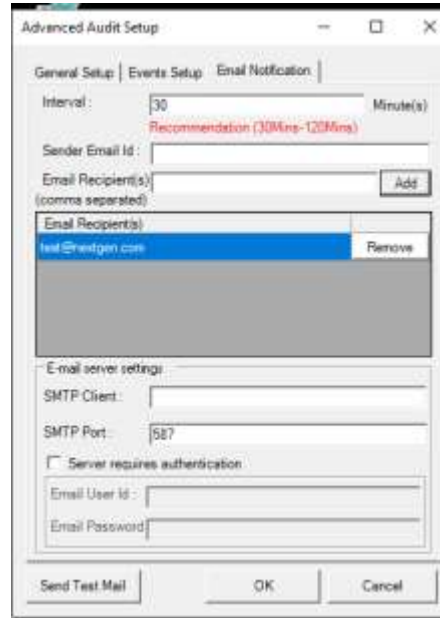
Advanced Audit Setup-Events Setup

- The Events Setup tab allows for selection of events that need to be audited.
- Expand the practice, then expand each category to see what events are available.
- You may select the entire category and or individual events.



Advanced Audit Setup-Email Notification

- Email Notification allows the system to send email notifications to specified users when an audit message is stuck in a workstation longer than the time interval specified
- Complete the following fields:
 - Interval, Sender Email Id, Email Recipient(s), and E-mail server settings



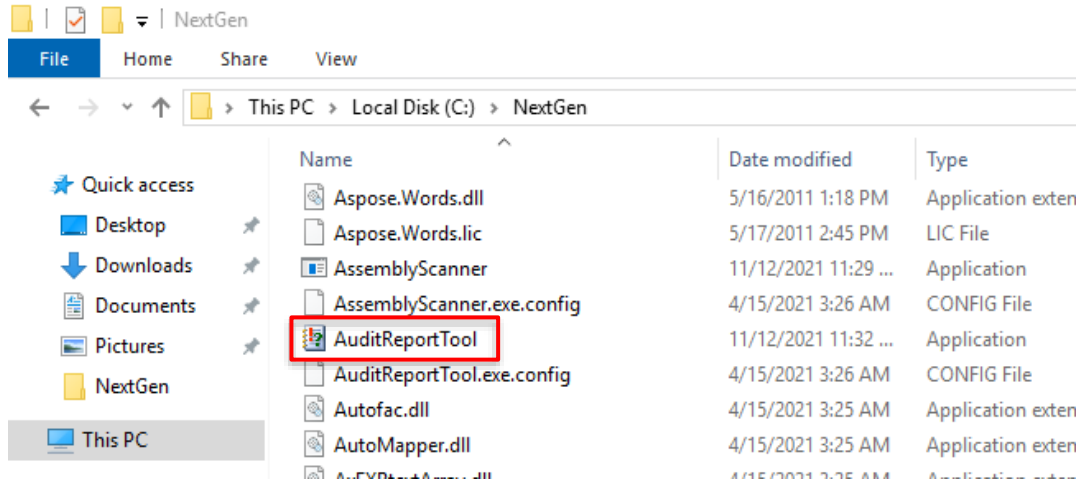
The screenshot shows the 'Advanced Audit Setup' dialog box with the 'Email Notification' tab selected. The 'Interval' is set to 30 minutes, with a red recommendation for 30-120 minutes. The 'Sender Email Id' field is empty. The 'Email Recipient(s)' field contains 'test@evntgen.com' and has an 'Add' button. Below this is a table with one row containing 'test@evntgen.com' and a 'Remove' button. The 'E-mail server settings' section includes 'SMTP Client' (empty), 'SMTP Port' (587), and an unchecked checkbox for 'Server requires authentication'. At the bottom, there are fields for 'Email User Id' and 'Email Password', and buttons for 'Send Test Mail', 'OK', and 'Cancel'.

Email Recipient(s)	Action
test@evntgen.com	Remove

Audit Report Tool

Audit Report Tool

- The Audit Report Tool can be accessed from the Components folder, or a shortcut can be created. i.e., Desktop shortcut
- Double click on Audit Report Tool or right click to open tool



Audit Report Tool

- Log in with NextGen username and password.
- Click the Authenticate button, select Enterprise and Practice if necessary then Logon.



The screenshot shows the 'Audit Report Tool' interface. At the top right, it displays 'Database: NGPROD' and 'Release: 6.2021.1'. The main title is 'eMedApps New Sandbox Prod 6.2021.1'. Below this, there are four input fields: 'User:', 'Enterprise:', 'Password:', and 'Practice:'. The 'Enterprise:' and 'Practice:' fields are dropdown menus. At the bottom of the input area, there are three buttons: 'Authenticate', 'Logon', and 'Exit'. Below the buttons is the 'nextgen healthcare' logo. At the very bottom, there is a scrollable area with the text: 'IMPORTANT—READ CAREFULLY: BY SIGNING ON, OR BY INSTALLING, COPYING, OR OTHERWISE ACCESSING AND USING THE COMPANY SOFTWARE AND/OR SERVICE LISTED IN THE MASTER AGREEMENT AND/OR SOFTWARE LICENSE AND SERVICES AGREEMENT ENTERED INTO BETWEEN CUSTOMER AND COMPANY ("UNDERLYING AGREEMENT"), YOU © 1995-2022 NXGN Management, LLC. All Rights Reserved. Unauthorized duplication or distribution is prohibited.'

Filters

- **Enterprise** allows you to select an Enterprise
- **Practice** allows you to select a practice or multiple practices
- **User** allows you to select one or multiple users with NextGen access
- **Person** allows you to select a one or more patients. You may add up to 25 person records.
- **Encounter** allows you to specify an encounter number. You may add up to 25 encounter records.

The screenshot displays the NextGen software interface. At the top, there is a menu bar with options: Filter, Print Preview, Print Report, Export To Excel, Export To CSV, Export To HTML, Export To ASCII, and Memorized Report. Below the menu bar, the 'Selected Filters' section shows: Start Date: [08/24/2022 04:13 PM], Stop Date: [08/24/2022 04:13 PM], Enterprise: [None], Actions: [None], User: [None], and Person: [None].

The 'Filters' dialog box is highlighted with a red border. It contains the following fields and controls:

- Enterprise: [] X []
- Practice: [] X []
- User: [] X []
- Person: [] X []
- Encounter: [] X []
- Close button

Below the dialog box, there are buttons for Actions, Settings, Save Report Options, Search, and Clear.

The 'Audit Records' table is visible below the filters, with the following columns: User, Category, Action, Action Type, Date / Time, Time Zone, Message, and Per.

Actions

- Use may use the Search field, Select all and Deselect All buttons for quicker selection
- Use the Expand all and Collapse all buttons as needed
- Each category can be expanded to see events included. You may select the entire category or select events individually.

The screenshot displays a software interface with a top navigation bar containing buttons for 'Filter', 'Print Preview', 'Print Report', 'Export To Excel', 'Export To CSV', 'Export To HTML', 'Export To ASCII', and 'Memorized Report'. Below this is a 'Filters' section with 'Selected Filters: Start Date [08/24/2022 04:13 PM] Stop Date [08/24/2022 04:13 PM]', 'Actions: [None]', and 'User: [None]'. The main area is titled 'Audit Records' and features a table with columns: 'User', 'Category', 'Action', 'Action Type', 'Date / Time', and 'Time Z'. A modal window titled 'Actions' is open, showing a search field and a list of categories with expandable sub-items. The 'ImplantableDevices' category is selected and highlighted in blue. Other categories include 'InterfaceHolding Tank', 'Interoperability', and 'Medication'. The 'Medication' category is expanded, showing sub-items like 'eRETIRE from Patient Portal', 'Added', 'eCoupon or eCopy Document', 'eRx Transaction Received', 'eRx Transaction Sent', 'Imported', 'Medication History Requested', 'Medication History Viewed', 'Modified', and 'Patient Savings Program Docu'. At the bottom of the modal are 'Select All', 'Deselect All', and 'Close' buttons. Below the modal are buttons for 'Settings', 'Save Report Options', 'Search', and 'Clear'.

Settings

- Set your date range using the Start Date and Stop Date fields
- Setting the Result Limit will determine how many records display

Filter Print Preview Print Report Export To Excel Export To CSV Export To HTML Export To ASCII Memorized Report

Filters

Actions

Settings

Settings:

Start Date:
 07/01/2022 04:13:32 PM

Stop Date:
 08/24/2022 04:13:32 PM

Result Limit:
1000

Close

Save Report Options

Search

Clear

Selected Filters: Start Date:[07/01/2022 04:13 PM] Stop Date:[08/24/2022 04:13 PM]

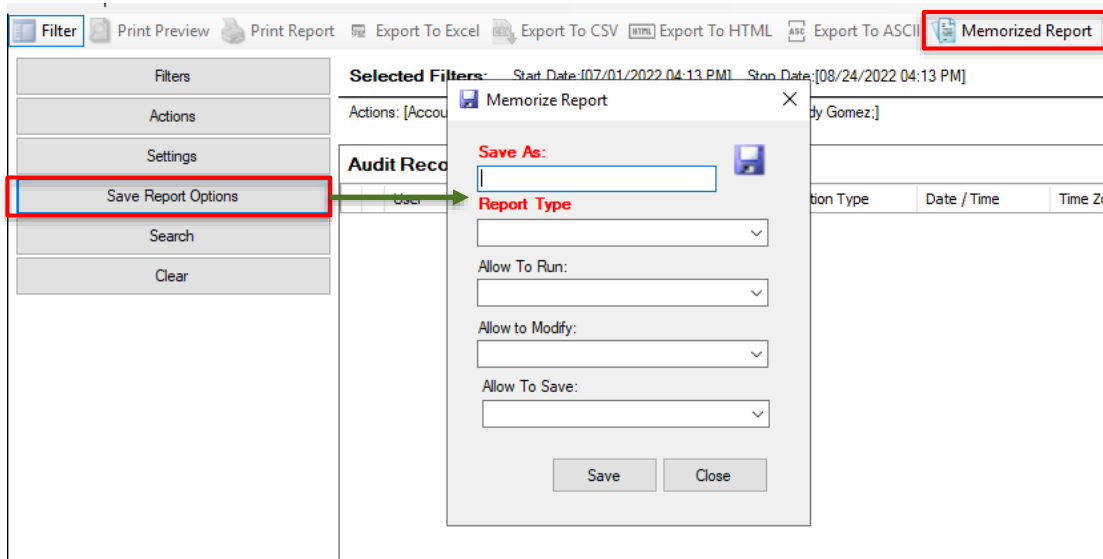
Actions: [Account; Allergy...] User: [Cindy Gomez.]

Audit Records

User	Category	Action	Action Type	Date / Time	Time Z
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Save Report Options

- The Save Report Options allows you to save the Filters, Actions and Settings currently selected as a Memorized Report
- Use the Memorized Report button to run previously saved reports



Search

Description of Audit Report columns are as follows:

Field	Description
User	The name of the user who performed an activity.
Category	The categories selected in the Actions tab.
Action	The action performed by the user.
Action Type	The type of action performed by the user.
Date / Time	The date and time when the action was performed.
Time Zone	The time zone as per the user's location.
Message	The message explaining the action. For example, User <user name> closed chart for the patient <patient name>.
Person	The person or patient name associated with the action.
Enterprise	The name of the enterprise to which the user belongs to.
Practice	The name of the practice to which the user belongs to.
Station	The name of the workstation from where the action was performed.
Application	The name of the application from which the action was triggered.

Search

- Select an audit record to view associated information in the Audit Detail section.
- Data Trail tracks modified fields, you can see old and new field values

Selected Filters: Start Date [07/01/2022 04:13 PM] Stop Date [08/24/2022 04:13 PM] Enterprise [None] Practice [NextGen Medical Practice]

Actions [Account Aliq...] User [Cindy Gomez] Reason [None] Encounter [None]

Audit Records (Count: 837) Report Hash Code: CoJLJ+3mw70hEwzOzyMv4NCm+EXSVO0bTX08Qic+

User	Category	Action	Action Type	Date / Time	Time Zone	Message	Person	Enterprise	Practice	Station	Application
Gomez, Cindy	Template	Encounter Modified	Changed	8/15/2022 2:42:...		Gomez, Cindy m...	Test, Arista	NextGen Medical...	NextGen Medical...	e-storib19-Prod	DH
Gomez, Cindy	Template	Encounter Modified	Changed	8/15/2022 2:42:...		Gomez, Cindy m...	Test, Arista	NextGen Medical...	NextGen Medical...	e-storib19-Prod	DH
Gomez, Cindy	Template	Newest Encounter	Query	8/15/2022 2:42:...		Gomez, Cindy m...	Test, Arista	NextGen Medical...	NextGen Medical...	e-storib19-Prod	DH
Gomez, Cindy	Template	Encounter Modified	Changed	8/15/2022 2:42:...		Gomez, Cindy m...	Test, Arista	NextGen Medical...	NextGen Medical...	e-storib19-Prod	DH
Gomez, Cindy	Template	Encounter Modified	Changed	8/15/2022 2:42:...		Gomez, Cindy m...	Test, Arista	NextGen Medical...	NextGen Medical...	e-storib19-Prod	DH
Gomez, Cindy	Template	Encounter Modified	Changed	8/15/2022 2:42:...		Gomez, Cindy m...	Test, Arista	NextGen Medical...	NextGen Medical...	e-storib19-Prod	DH
Gomez, Cindy	Template	Encounter Modified	Changed	8/15/2022 2:42:...		Gomez, Cindy m...	Test, Arista	NextGen Medical...	NextGen Medical...	e-storib19-Prod	DH
Gomez, Cindy	Template	Newest Encounter	Query	8/15/2022 2:42:...		Gomez, Cindy m...	Test, Arista	NextGen Medical...	NextGen Medical...	e-storib19-Prod	DH
Gomez, Cindy	Template	Created Encounter	Addition	8/15/2022 2:42:...		Gomez, Cindy m...	Test, Arista	NextGen Medical...	NextGen Medical...	e-storib19-Prod	DH
Gomez, Cindy	Template	Encounter Modified	Changed	8/15/2022 2:42:...		Gomez, Cindy m...	Test, Arista	NextGen Medical...	NextGen Medical...	e-storib19-Prod	DH
Gomez, Cindy	Template	Encounter Modified	Changed	8/15/2022 2:42:...		Gomez, Cindy m...	Test, Arista	NextGen Medical...	NextGen Medical...	e-storib19-Prod	DH
Gomez, Cindy	Template	Encounter Modified	Changed	8/15/2022 2:42:...		Gomez, Cindy m...	Test, Arista	NextGen Medical...	NextGen Medical...	e-storib19-Prod	DH
Gomez, Cindy	Template	Encounter Modified	Changed	8/15/2022 2:42:...		Gomez, Cindy m...	Test, Arista	NextGen Medical...	NextGen Medical...	e-storib19-Prod	DH
Gomez, Cindy	Template	Encounter Modified	Changed	8/15/2022 2:42:...		Gomez, Cindy m...	Test, Arista	NextGen Medical...	NextGen Medical...	e-storib19-Prod	DH

Audit Detail -- (Double Click Data Trail Values to Expand)

Name	Value
N Received Transmits	False
Timestamp	8/15/2022 2:42:55 PM
Location	CHC Medical
Provider	Abbot MD, Plat
Diagnosis Code Id	D64.9
Data Trail	(Count: 15)
Location	patient_diagnosis
Field	icd10m_code_id
New Value	D64.9
Location	patient_diagnosis
Field	state_id
Location	patient_diagnosis
Field	date_created
Location	patient_diagnosis
Field	problem_type_problem_description
New Value	Diagnosis interpretation (observable entity)
Location	patient_diagnosis
Field	audit_id
New Value	58AC5D11-649E-4479-8E58-70C4E8FB4EY
Location	patient_diagnosis
Field	severity_id
Location	patient_diagnosis
Field	chronic_ind
New Value	N
Location	patient_diagnosis
Field	date_assigned
Location	patient_diagnosis
Field	date

Clear

- Selecting the Clear button will remove all selected filter criteria from the Filters, Actions and Settings sections.
- The Clear button doesn't remove the previous search results, it only clears the selections from the Filters pane

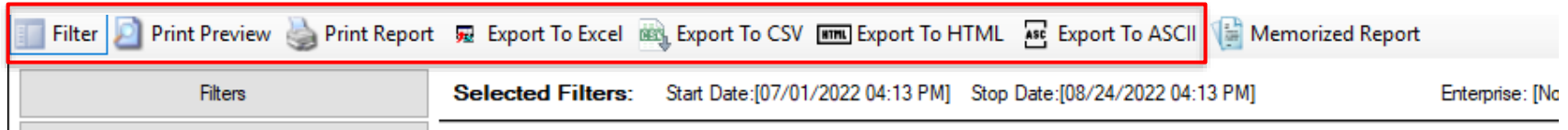
The screenshot shows a software interface with a sidebar on the left containing buttons for 'Filter', 'Point Preview', 'Print Report', 'Export To Excel', 'Export To CSV', 'Export To HTML', 'Export To ASCII', and 'Memoized Report'. Below these are sections for 'Filters', 'Actions', 'Settings', 'Save Report Options', 'Search', and a 'Clear' button highlighted with a red border. The main content area displays 'Selected Filters' with criteria for Start Date, Stop Date, and Enterprise. Below this is a table of 'Audit Records (Count: 837)' with a report hash code. The table has columns: User, Category, Action, Action Type, Date / Time, Time Zone, Message, Person, Enterprise, and Practice. The first row is highlighted in blue. Below the table is an 'Audit Detail' section with a table of items and values.

User	Category	Action	Action Type	Date / Time	Time Zone	Message	Person	Enterprise	Practice
Gomez, Cindy	Application Access	Log On Attempt	Query	8/24/2022 2:26...		Gomez, Cindy su...		NextGen Medical...	NextGen
Gomez, Cindy	Application Access	Log On Attempt	Query	8/17/2022 1:30...		Gomez, Cindy su...		NextGen Medical...	NextGen
Gomez, Cindy	Application Access	Log On Attempt	Query	8/26/2022 2:22...		Gomez, Cindy su...		NextGen Medical...	NextGen
Gomez, Cindy	Template	Encounter Modified	Changed	8/15/2022 2:45...		Gomez, Cindy m...	Test, Arista	NextGen Medical...	NextGen
Gomez, Cindy	Template	Encounter Modified	Changed	8/15/2022 2:45...		Gomez, Cindy m...	Test, Arista	NextGen Medical...	NextGen
Gomez, Cindy	Template	Encounter Modified	Changed	8/15/2022 2:45...		Gomez, Cindy m...	Test, Arista	NextGen Medical...	NextGen
Gomez, Cindy	Template	Encounter Modified	Changed	8/15/2022 2:45...		Gomez, Cindy m...	Test, Arista	NextGen Medical...	NextGen
Gomez, Cindy	Template	Encounter Modified	Changed	8/15/2022 2:45...		Gomez, Cindy m...	Test, Arista	NextGen Medical...	NextGen
Gomez, Cindy	Template	Encounter Modified	Changed	8/15/2022 2:45...		Gomez, Cindy m...	Test, Arista	NextGen Medical...	NextGen
Gomez, Cindy	Template	Encounter Modified	Changed	8/15/2022 2:45...		Gomez, Cindy m...	Test, Arista	NextGen Medical...	NextGen
Gomez, Cindy	Template	Encounter Modified	Changed	8/15/2022 2:45...		Gomez, Cindy m...	Test, Arista	NextGen Medical...	NextGen
Gomez, Cindy	Template	Encounter Modified	Changed	8/15/2022 2:45...		Gomez, Cindy m...	Test, Arista	NextGen Medical...	NextGen
Gomez, Cindy	Template	Encounter Modified	Changed	8/15/2022 2:45...		Gomez, Cindy m...	Test, Arista	NextGen Medical...	NextGen
Gomez, Cindy	Template	Encounter Modified	Changed	8/15/2022 2:45...		Gomez, Cindy m...	Test, Arista	NextGen Medical...	NextGen
Gomez, Cindy	Template	Encounter Modified	Changed	8/15/2022 2:45...		Gomez, Cindy m...	Test, Arista	NextGen Medical...	NextGen
Gomez, Cindy	Template	Encounter Modified	Changed	8/15/2022 2:45...		Gomez, Cindy m...	Test, Arista	NextGen Medical...	NextGen

Item	Value
Is Record Tampered	False
Attempt Number	0
Successful Indicator	Y

Toolbar

- Filter allows you to close and open the Filter pane
- Print Preview and Print Report may be used to print report
- Report can be exported in the following formats:
 - Excel
 - CSV * Will download 3 separate files; filters, audit records with audit details, and data trail
 - HTML
 - ASCII * Will download 3 separate files; filters, audit records with audit details, and data trail



Q&A

Thank you for joining!