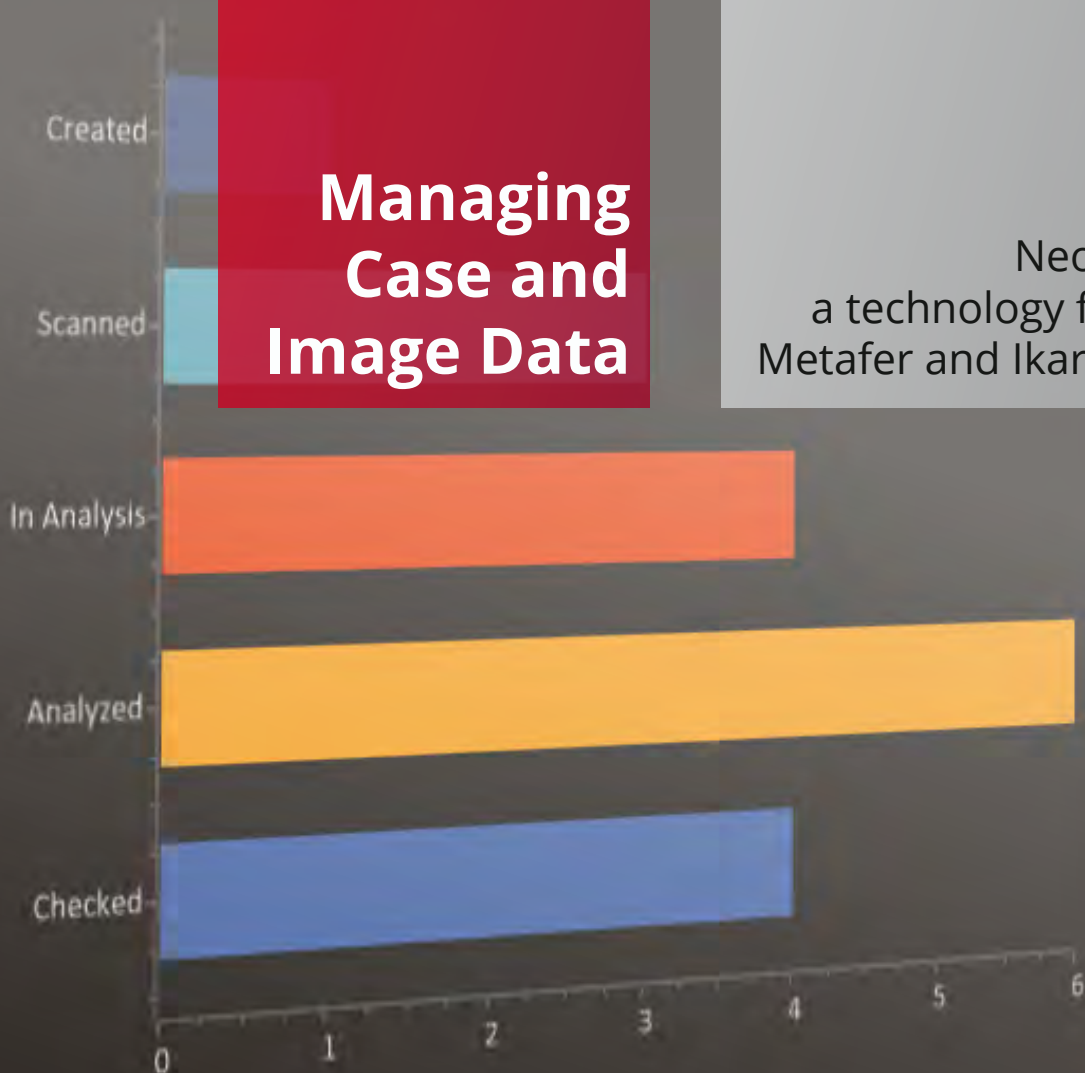


Cases by Workflow State



Managing Case and Image Data

Neon:
a technology for
Metafer and Ikaros

Cases by Specimen Type

| Specimen | Cases |
|-------------|-------|
| Bone Marrow | 6 |
| | 3 |

YOUR ENTIRE WORKFLOW AT A GLANCE

DATA AND CASE ORGANIZATION



Neon is a versatile technology tailored for the smooth and reliable management of image and case data. Engineered to gather data from diverse sources, it integrates them neatly into an organized workflow for optimal efficiency. Embedded across all MetaSystems installations, this technology guarantees accessibility to pertinent information whenever and wherever required.

Easy Integration

Neon seamlessly integrates with existing workflows and Laboratory Information Management Systems (LIMS) to enhance data processing and throughput.

Case Presentation

Neon gathers case data from external sources and displays it alongside with Ikaros and Metafer data and images in a customizable, user-friendly interface.

SECURITY AND TRACEABILITY



Access Control

Neon features a robust multi-level permissions management system, allowing precise tuning of access rights for user groups and roles. This ensures users have the right access to necessary information and functions.

Records and Logs

Neon documents all processing steps and configuration changes in case history entries and audit trails, ensuring complete traceability.

Created
2024/06/01
AMA

Captured
2024/06/02
ULO

In Analysis
2024/06/02
TLO

Analyzed
2024/06/03
TLO

Ch

WORKFLOW MANAGEMENT



Adhering to stringent data security protocols, Neon safeguards critical content like patient records, permitting access solely to authorized users. With its robust and adaptable workflow configurations, Neon seamlessly integrates into current procedures and is compatible with MetaSystems' complete portfolio of imaging customization packages.

Workflow Overview

Neon provides a comprehensive view and monitoring of all aspects of the laboratory's entire routine workflow. Color-coded markers assist users in tracking case statuses.

Process Optimization

Workflow configurations can be customized and automated, with the option for recording specialized and optional steps using sub-workflows.

REPORTING AND STATISTICS



Easy Reporting

Neon boasts a reporting function accompanied by a user-friendly graphical report template editor. This feature empowers users to create visually appealing and informative reports tailored to their specific needs.

Comprehensive Statistics

Neon includes a statistical query module for generating detailed summaries of large case collections.

The envelope icon opens the MESSAGE CENTER, a sidebar for sending text messages to individual users, selected user groups, or all users.

Various case data VIEWS can be accessed through the tab bar on the left side of the Neon window. These views offer comprehensive data summary features, including statistics queries, advanced case search, case grouping, and tools for identifying and resolving data integrity issues.

The cases within the selected data folder are displayed in a configurable CASE LIST table. Colored labels denote the current workflow state of each case. Additional data fields can be displayed as separate, sortable columns, ensuring that all relevant information is readily accessible when starting Neon.

THE CASE LIST WINDOW

Neon includes a robust REPORTING engine. Using the integrated graphical report editor, users can create various report formats. Neon reports can incorporate data, images, and case statistics. The completed report can be printed or saved as a PDF, Microsoft Word™ document, or as data files (e.g., XML).

Neon handles various groups and access levels of USERS, which administrators can configure. It automatically safeguards data and images against unauthorized alterations, and it maintains a comprehensive case history that logs every step of the workflow.

Neon users can create custom data FILTERS definitions, accessible via the filter bar above the case table. The case list can be refined by selecting criteria such as users, workflow states, creation dates, groups, and any other available data fields.



Quick Navigation and Case Information

With the QUICK NAVIGATION buttons, users can effortlessly switch between individual cases without needing to return to the case list. The name of the open case and, if preferred, the name of the associated patient are displayed adjacent to it.

Case View Tabs

All pertinent details regarding a case are accessible through the CASE VIEW TABS. Information such as the count of available scans, digital slide images, and cells are provided. Furthermore, users can view and edit the case history, structure, and metadata such as attached external files.

Cell Gallery

The collection of cells in the CELL GALLERY serves as the image repository for the case. Each image presents additional details in the configurable footer, including remarks, the coordinates, the image karyotypes, and many more. Cell statuses are indicated by colored square-shaped flags. The gallery of cells can be filtered and sorted according to numerous criteria.

THE CASE VIEW WINDOW

View Settings

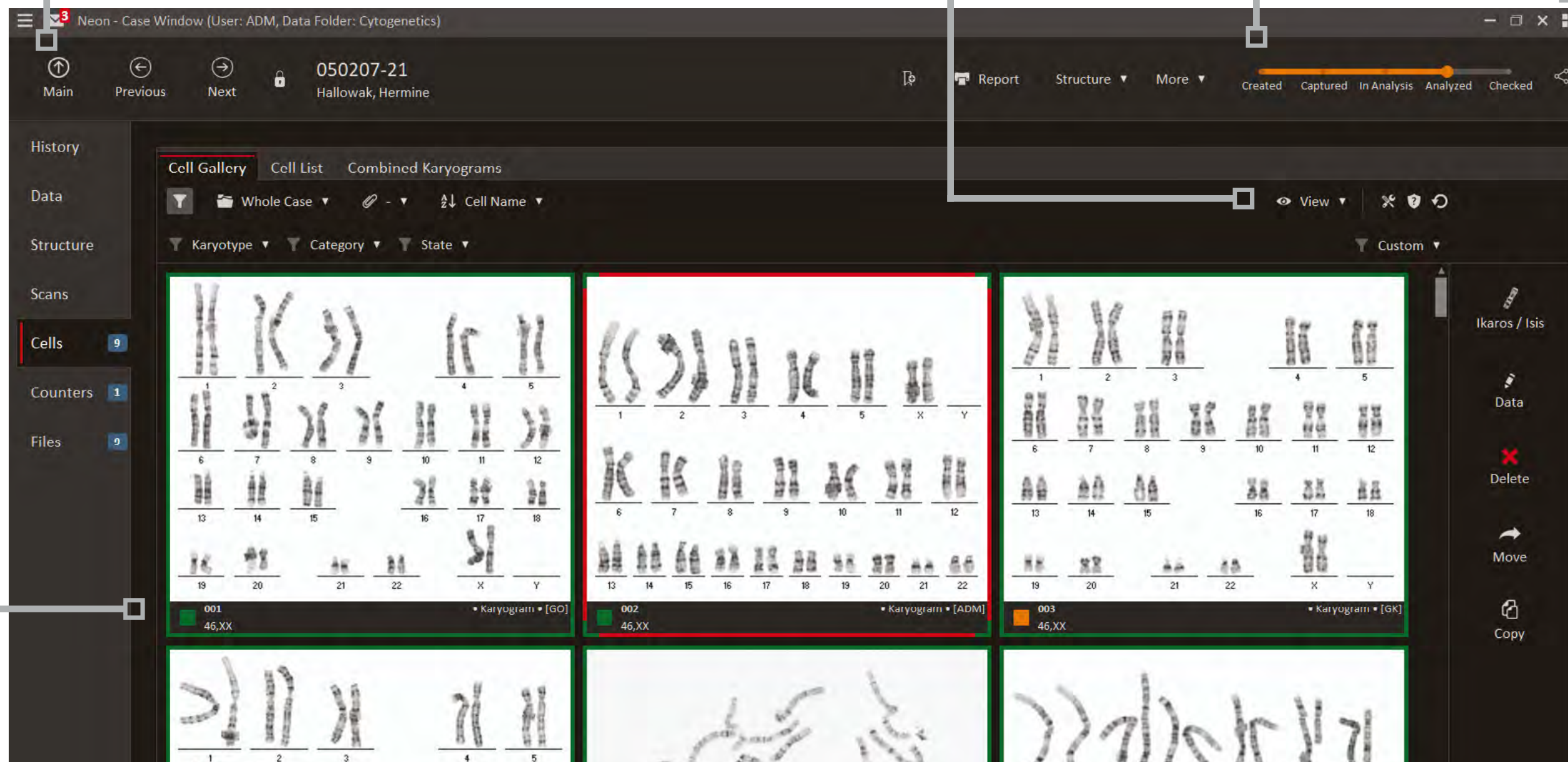
The VIEW SETTINGS enable users to customize how cell images are presented individually. Users can adjust not only the size of the images but also independently control the magnification factor within the image. Furthermore, users can choose which types of images (metaphases, karyograms, or both) they prefer to view.

Workflow Bar

The WORKFLOW BAR visually represents the present condition of the case. Workflow states can be designated either by authorized users or automatically through predefined conditions. Cases can be filtered based on their workflow statuses, and for handling more intricate procedures, sub-workflows are at users' disposal.

Modules Bar

Based on the setup of the current installation, various software modules for review may be accessible. The MODULES BAR serves as a launch pad for all available instances of karyogram creation, imaging, review, and scanning modules.





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Neon serves as general data management software.

MetaSystems products are used in many countries worldwide. Depending on the regulations of the respective country or region, some products may not be used for clinical diagnostics.

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