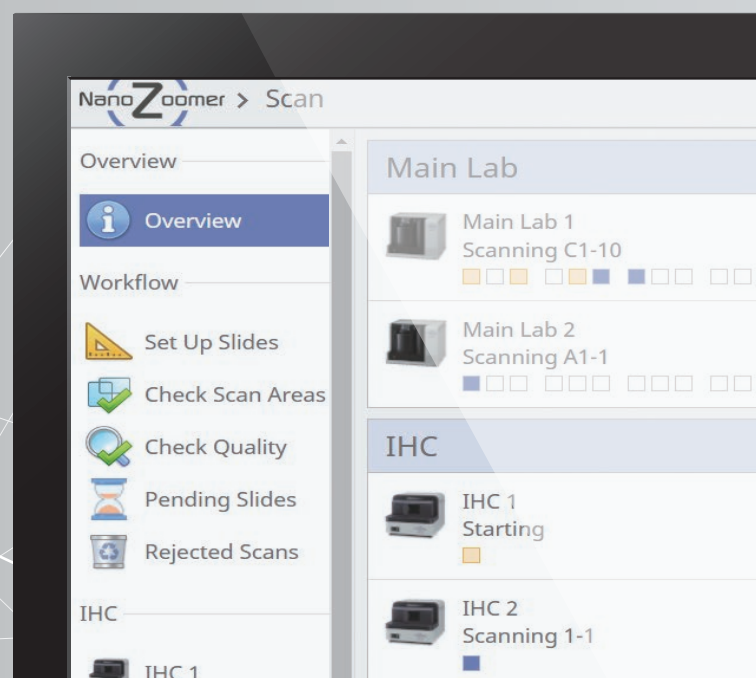# NZConnect Scan

Image acquisition server software

U16414-01

Connected, scalable NanoZoomer® series management software

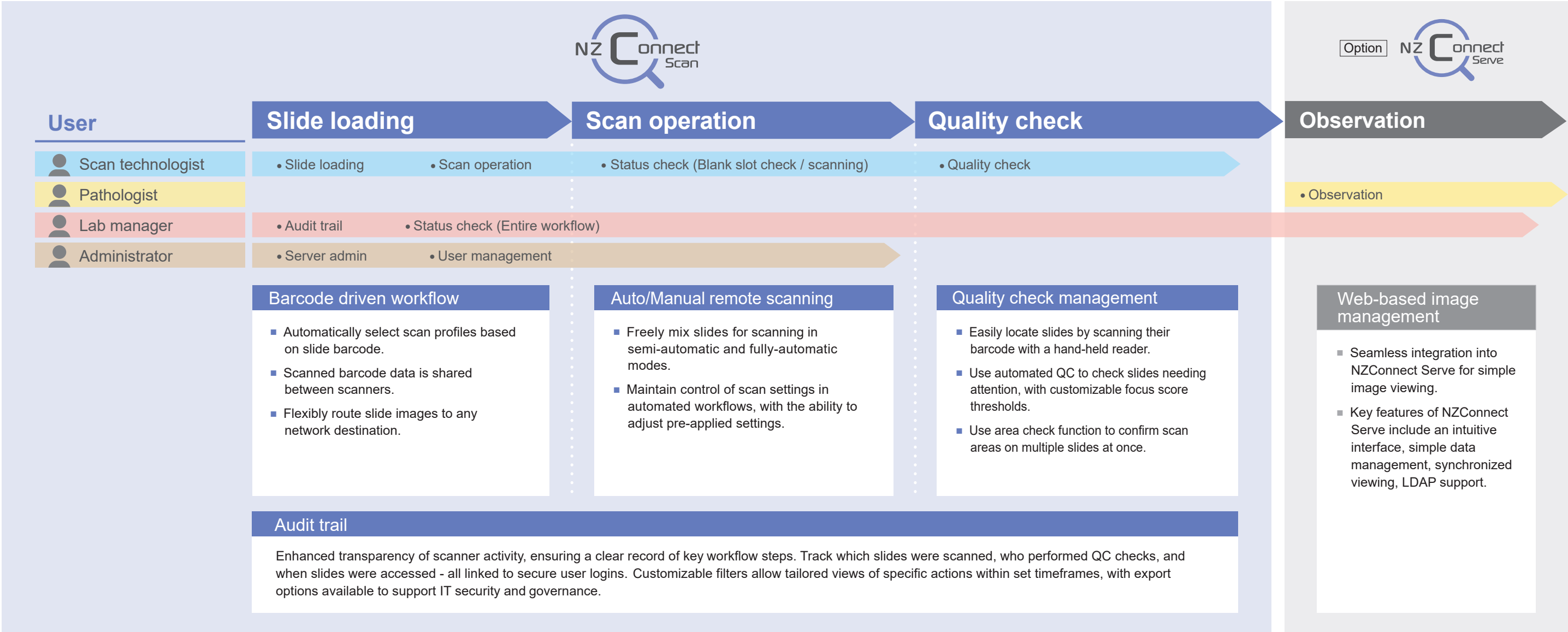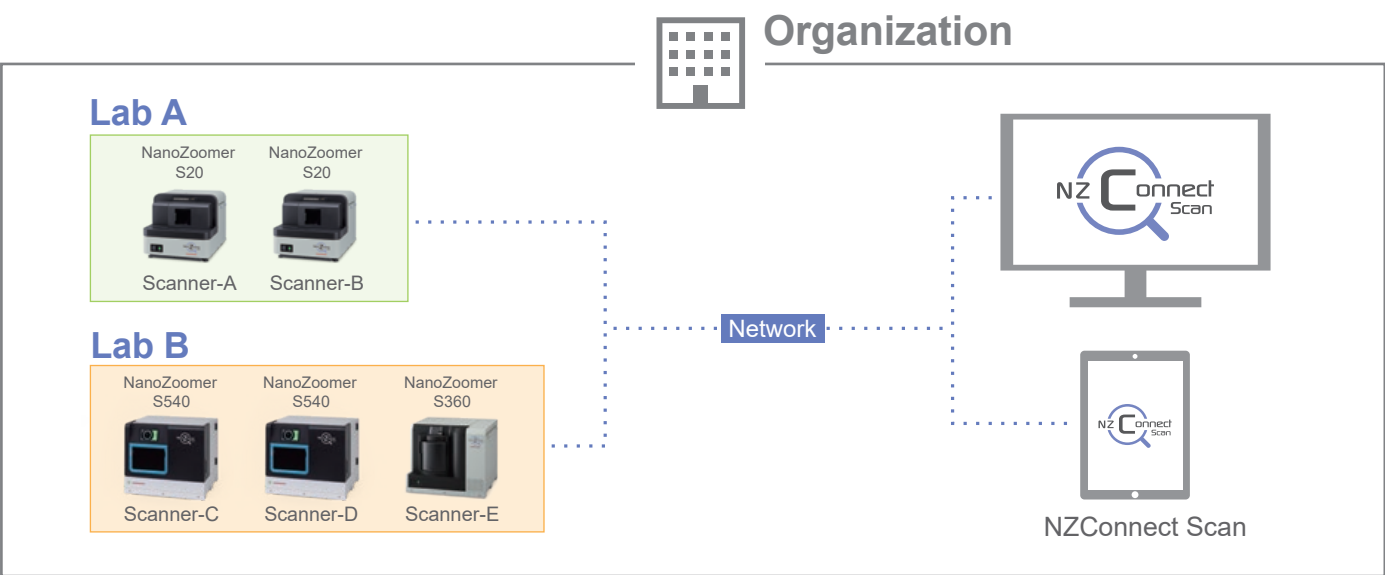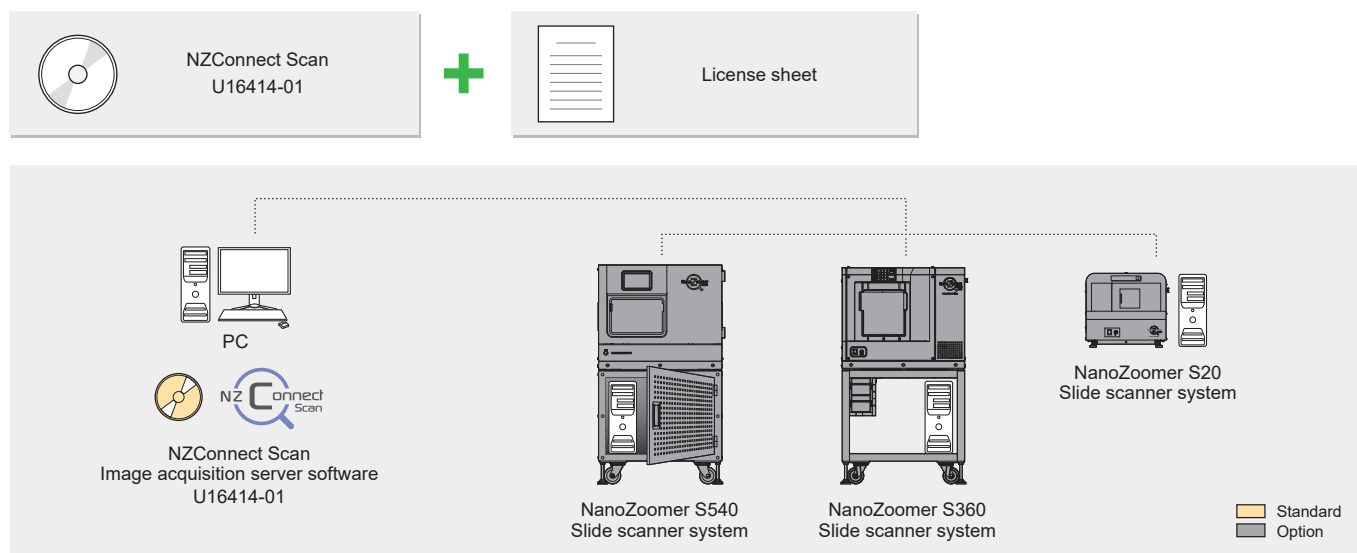| Control multiple NanoZoomer series scanners	Control and monitor multiple scanners via a unified web-interface.
Remote operation	Operate remotely and check scanner status from any location.
Audit trail	Manage and trace event logs for individual slides and users.
Online Quality check	Perform remote QC, anywhere, anytime.
Barcode control	Automatically select scan settings based on barcode information.

HAMAMATSU

PHOTON IS OUR BUSINESS

Optimizing your workflow with centralized scanner management

NZConnect Scan allows seamless management and operation of multiple NanoZoomer series scanners (S540, S360, and S20) from any authorized users on a networked computer. As a web-based application, it supports simultaneous access by multiple users across the network, ensuring efficient collaboration and streamlined workflows. With an integrated audit trail for enhanced traceability, NZConnect Scan delivers advanced control and oversight, setting a new standard for scanner management.

Organization

Lab A

NanoZoomer S20	NanoZoomer S20
Scanner-A	Scanner-B

Lab B

NanoZoomer S540	NanoZoomer S540	NanoZoomer S360
Scanner-C	Scanner-D	Scanner-E

Network

NZ Connect Scan

NZConnect Scan

NZ Connect Scan

Option — NZ Connect Serve

User	Slide loading	Scan operation	Quality check	Observation
Scan technologist	• Slide loading • Scan operation	• Status check (Blank slot check / scanning)	• Quality check	
Pathologist				• Observation
Lab manager	• Audit trail • Status check (Entire workflow)			
Administrator	• Server admin • User management			

Barcode driven workflow

- Automatically select scan profiles based on slide barcode.
- Scanned barcode data is shared between scanners.
- Flexibly route slide images to any network destination.

Auto/Manual remote scanning

- Freely mix slides for scanning in semi-automatic and fully-automatic modes.
- Maintain control of scan settings in automated workflows, with the ability to adjust pre-applied settings.

Quality check management

- Easily locate slides by scanning their barcode with a hand-held reader.
- Use automated QC to check slides needing attention, with customizable focus score thresholds.
- Use area check function to confirm scan areas on multiple slides at once.

Web-based image management

- Seamless integration into NZConnect Serve for simple image viewing.
- Key features of NZConnect Serve include an intuitive interface, simple data management, synchronized viewing, LDAP support.

Audit trail

Enhanced transparency of scanner activity, ensuring a clear record of key workflow steps. Track which slides were scanned, who performed QC checks, and when slides were accessed - all linked to secure user logins. Customizable filters allow tailored views of specific actions within set timeframes, with export options available to support IT security and governance.

System configuration

NZConnect Scan U16414-01	**+**	License sheet

PC

NZConnect Scan
Image acquisition server software
U16414-01

NanoZoomer S540
Slide scanner system

NanoZoomer S360
Slide scanner system

NanoZoomer S20
Slide scanner system

- Standard
- Option

System requirements

Product name	NZConnect Scan Image acquisition server software
Product number	U16414-01
Type of computer	PC-AT compatibles
OS	Windows® Server 2022, Windows Server 2019, Windows Server 2016
CPU	Xeon 2.8 GHz or more
Memory	16 GB or more
Available HDD space	50 GB or more
Drive	DVD-ROM Drive
Screen resolution	1024 × 768 or higher
Database management system	Microsoft SQL Server 2016 Express with Advanced Services / Standard (64 bit) Microsoft SQL Server 2017 Express with Advanced Services / Standard (64 bit) Microsoft SQL Server 2019 Express with Advanced Services / Standard (64 bit) Microsoft SQL Server 2022 Express with Advanced Services / Standard (64 bit)

Operating environment

Compatible devices	Compatible OS	Supported browser
Windows PC	Windows 10 Including Touch panel	Microsoft Edge, Google Chrome, Mozilla Firefox
	Windows 11	
	Windows server 2022	
	Windows server 2019	
Mac	macOS 15.x Sequoia	Safari Ver. 18
	macOS 14.x Sonoma	Safari Ver. 18
iPad	iPadOS Ver. 18	Safari Ver. 18
	iPadOS Ver. 17	Safari Ver. 17

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