Vectra Software Release Notes
Software Version: 3.0.7

This file provides information about Vectra software, version 3.0.7. Please read this information carefully as it supersedes all printed material or online help.

Overview:
Vectra software provides the interface to running the Vectra Quantitative Pathology Imaging System. Vectra scans both brightfield and fluorescent slides, and can take multispectral imagery of user-specified areas of interest, user-chosen TMA cores, or areas of interest determined automatically through the use of inForm Tissue Finder.

System Requirements:
- U.S. English Version of Microsoft© Windows 10 64-bit
- .NET 4.5
- Minimum monitor resolution: 1600x1200 at 96 DPI
- Minimum RAM: 12 GB

Software Installation:
To install on Windows 10:
1. Log in as an administrator
2. Close all open software programs
3. Double click on Vectra's Setup.exe
4. Follow the installer's instructions

Vectra Version 3.0.7
New Features:
- Support the LED lamp

Bug Fixes:
- Handle protocol loading with new filter naming convention
- Update company to Akoya

Known Issues:
- The camera's COM port must be higher than the 200 slide's loader COM port in order to run.
- If using Sharpie markers to enclose tissue, the circle must avoid the corners
- Thumbnail viewer has difficulty when watching an acquisition folder when acquiring over 150 MSI fields.
- The Cassette Inventory may be incorrect after processing when a slide starts out on the stage
- The software can shut down if you remove cassettes during slide finding.
- Returning to the protocol editor can take extra time if an inForm algorithm is present.
- Thumbnails do not work when filenames have non-ASCII characters
- Some barcodes made by the Leica Bond will cause the Prior barcode reader to fail and shutdown

Vectra Version 3.0.6
Bug Fixes:
- Standardize the instrument serialization
- Update the OpenSlide libraries
- Update how bands are created
- Accept new classification results from inForm
- Handle saturation in BF focusing

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Vectra Version 3.0.5
New Features:
- Wedge correction for epi filters
- Add calibration response data to fluorescent scans

Bug Fixes:
- Do not allow illegal characters in the filename
- Correct the homing sequence for new versions of the Prior controller
- Improve focus finding for MSI fields

Known Issues:
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- If using Sharpie markers to enclose tissue, the circle must avoid the corners
- Thumbnail viewer has difficulty when watching an acquisition folder when acquiring over 150 MSI fields.
- The Cassette Inventory may be incorrect after processing when a slide starts out on the stage
- The software can shut down if you remove cassettes during slide finding.
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Vectra Version 3.0.4
New Features:
- Windows 10 support, including Bitlocker
- Simplified Dashboard

Bug Fixes:
- Show filters in acquisition order when displaying them on the protocol page
- Update drivers for loader improvements
- Improve stage coordinate initialization
- Write debugging information on scan failures

Known Issues:
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- The Cassette Inventory may be incorrect after processing when a slide starts out on the stage
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- Returning to the protocol editor can take extra time if an inForm algorithm is present.
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Vectra Version 3.0.3
Bug Fixes:
- Correct a sporadic data integrity issue when acquiring MSI fields

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Vectra Version 3.0.2
New Features:
- Sample imagery for brightfield slides
- Log acquisition failures for each run
- Add option to scan within the entire found coverslip area
- Post warnings, rather than errors, when slide registration fails

Bug Fixes:
- Fix the size for inForm found fields
- Handle commas within Slide ID and protocol names
- Handle invalid task lists
- Handle mouse clicks on scan column headers
- Handle the case where a protocol points to a non-existing inForm algorithm
- Correct the IM3 location to be the upper left corner
- Correct stage speed after production setup
- Update the disk space on dashboard access
- Update the default protocol location to also use the last successful load location
- Update snapshot dialog to include more information
- Surface additional search range parameters in the configuration
- Do not overwrite the existing configuration on installation
- Speed up task list loading
- Fix memory leaks
- Increase the thumbnail size within acquired .im3 imagery
- Do not shut down when there is a failure to find the slide top
- Increase the allowed objective offset default
- Rework how often we check for slide on stage
- Rework how annotation files are locked and released
- Rework the stage initialization
- Handle scenarios where all 6 slide height measurements are used
- Do not crash when an illegal character is in the snapshot filename
- Increase robustness of registration
- Remove extra spaces from the disk path in configuration
- Revise focus mapper
- Improve coverslip detection
- Encode strings for algorithms

- Fix crash when rendering thumbnails
- Do not allow Vectra to open when the config app is open
- Fix histogram binning
- Fix for wait dialog showing 'not responding' when finding slides
- Rework overview taking

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Vectra Version 3.0.1

Bug Fixes:
- Make the alignment parameters configurable, and update the search range

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- Thumbnail viewer has difficulty when watching an acquisition folder when acquiring over 150 MSI fields.
- The Finding Slides dialog can appear as "Not Responding" when finding slides
- The Cassette Inventory may be incorrect after processing when a slide starts out on the stage
- The software can shut down if you remove cassettes during slide finding.

Vectra Version 3.0.0

New Features:
- Whole slide scans of brightfield and fluorescent slides at 4x and 10x
- Multispectral imagery at 10x, 20x, and optionally 40x
- Simplified workflows for user-selected fields and TMA core finding
- New scanning interface
- Simplified protocol development
- Tamper-evident scan and multispectral image files

Known Issues:
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Documentation:
- Complete documentation is accessible by selecting Help→Help within the Vectra software

Support:
Contact Technical Support by phone, fax, or email:
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