Part 1 of 6	AP Easy Software Solutions **Tracy Terrio** sales@apeasy.com **Manchester, NH** **800-647-2263** www.apeasy.com	Cerner **Jennifer Smith** jennifer.smith@cerner.com **Kansas City, MO** **816-201-3923** www.cerner.com	Computer Trust Corp. **David Liberman, MD** drdave@ctcsurge.com **Boston, MA** **617-557-9264 ext. 600** www.winsurge.com
Name of anatomic pathology system	AP Easy	Cerner Anatomic Pathology†	WinSURGE
How AP system functionality is deployed Configuration of AP system	available as local server/software and cloud based available as a standalone product designed to interface with any company's LIS and EHR	available as local server/software, ASP, and cloud based available as a dedicated module for Cerner's clinical LIS and EHR and as a standalone product designed to interface with any company's LIS and EHR (<1% of installations use AP system as a standalone product)	available as local server/software and cloud based available as a standalone product designed to interface with any company's LIS and EHR
Year company began selling AP systems (any brand or model) Most recent installation of this AP system* Last product release or update for featured AP system* Total No. of contracts for sites operating AP system • No. of sales and installations of this system between Dec. 2019–Nov. 2020 No. of sites operating AP system (hospitals/independent labs/clinics or group practices/other U.S. sites/foreign sites) Company markets this AP system outside the U.S. • Foreign locations in which system installed Human languages (other than English) offered on system	1989 December 2020 November 2020 (version cloud) 651 20 sales and 4 installations — no — —	1982 November 2020 November 2020 (version 2018.05) — 39 sales and 13 installations — (259 domains) yes (in Middle East, Canada, Latin America, UK, others) Australia, Brazil, Canada, UAE, UK, Egypt, Qatar, others British-English, French, German, Spanish	1989 March 2020 December 2020 (version 55.5 server; 5.1.0 client) 108 1 sale and 1 installation 132 (36/65/—†/31–multi-site enterprise/0 [sites in Puerto Rico combined with U.S. sites]) yes (in Puerto Rico) — —
No. of employees in entire company Company provides list of client sites to potential customers on request Clients restricted from sharing their experience with company or software	~50 yes (with client approval) no	29,000+ yes (partial list of comparable sites with no restrictions) no	— yes (partial list of comparable sites with no restrictions) no
Range in No. of surgical pathology cases per year in installed sites Range in No. of gynecologic cytology cases per year in installed sites	1,000–180,000 1,000–150,000	2,000–500,000 2,000–500,000	2,500–1,500,000 0–300,000
Programming languages Databases and tools	Java, Apache Groovy, JavaScript MySQL	Java, C++, C# Oracle	Caché, .Net, Visual Basic, SQL Object Caché, Crystal Reports, Microsoft Word document templates, many user "bolt-ons" via SQL/Java, others
Features/modules incorporated in product:			
• Surgical pathology information system/Cytology information system	installed at client sites/installed at client sites	installed at client sites/installed at client sites	installed at client sites/installed at client sites
• Autopsy information system/Autopsy measurements, organ weights	available but not installed/available but not installed	installed at client sites/installed at client sites	installed at client sites/installed at client sites
• Scan and store manual requisition	installed at client sites	available via Cerner laboratory imaging	installed at client sites
• Specimen tracking/Specimen storage and retrieval	installed at client sites/installed at client sites	available via Cerner Advanced Barcode and Tracking and RFID tracking/installed at client sites	installed at client sites/installed at client sites
• Entry of block IDs	installed at client sites	installed at client sites	installed at client sites
• Print specimen labels/Print histology slide labels	installed at client sites/installed at client sites	installed at client sites/installed at client sites	installed at client sites/installed at client sites
• Print barcoded slide labels/Print barcoded cassettes	installed at client sites/installed at client sites	installed at client sites/installed at client sites	installed at client sites/installed at client sites
• Print linear barcodes/Print two-dimensional barcodes	installed at client sites/installed at client sites	installed at client sites/installed at client sites	installed at client sites/installed at client sites
• Print histology worksheets	installed at client sites	installed at client sites	installed at client sites
• Word processing—vendor specific	installed at client sites	installed at client sites	installed at client sites
• Voice entry of gross description/Voice entry of final diagnosis	installed at client sites/installed at client sites	installed at client sites/installed at client sites	installed at client sites/installed at client sites
• Gross images integrated in reports	installed at client sites	installed at client sites	installed at client sites
• Microscopic images integrated in reports	installed at client sites	installed at client sites	installed at client sites
• Electronic signature	installed at client sites	installed at client sites	installed at client sites
• Remote printing of completed reports	installed at client sites	installed at client sites	installed at client sites
• Automatically fax reports to clients without manual intervention	installed at client sites	installed at client sites	installed at client sites
• Web-based remote inquiry of reports	installed at client sites	available via Cerner provider portal	installed at client sites
• Physician Web access for order entry	installed at client sites	available via Cerner provider portal	installed at client sites
• Natural language search capability	—	not available for this software	installed at client sites
• Multi-site or multi-facility–wide area network	installed at client sites	installed at client sites	installed at client sites
• Sound-alike retrieval of patient history	—	installed at client sites	installed at client sites
• Produce tumor board reports/Produce management reports	installed at client sites/installed at client sites	installed at client sites/installed at client sites	installed at client sites/installed at client sites
• Reports sufficient to comply with CLIA '88 regulations	installed at client sites	installed at client sites	installed at client sites
• Comprehensive billing and AR/Interface to external billing system	installed at client sites/installed at client sites	installed at client sites/installed at client sites	installed at client sites/installed at client sites
• Inbound result-reporting interface to receive discrete results from an external lab and store them in patient record	installed at client sites	not available for this software	installed at client sites
• EHR interface: admissions/discharge/transfer (ADT)	installed at client sites	installed at client sites	installed at client sites
• EHR interface: result reporting/Report sent to EHR as PDF for clinician	installed at client sites/installed at client sites	installed at client sites/installed at client sites	installed at client sites/installed at client sites
• EHR interface: incoming clinical results	installed at client sites	installed at client sites	installed at client sites
• Partin tables/Gleason score calculations	installed at client sites/installed at client sites	installed at client sites/installed at client sites	installed at client sites/installed at client sites
• Synoptic reporting for microscopic examination/For gross examination	—	installed at client sites/installed at client sites	installed at client sites/installed at client sites
• CAP electronic cancer checklists automatically embedded	installed at client sites	available via a third party	installed at client sites
• Client services module/Consult management and reporting	installed at client sites/installed at client sites	available via Cerner Outreach Operations/installed at client sites	installed at client sites/installed at client sites
• LIS manager or lab employee can create ad hoc reports accessing all data elements in AP system	installed at client sites	installed at client sites	installed at client sites
• Lab can define and modify schedule under which management and patient reports are automatically compiled and run	installed at client sites	installed at client sites	installed at client sites
• Business analytics/Management dashboard	installed at client sites/installed at client sites	installed at client sites/not available for this software	installed at client sites/installed at client sites
• Support for molecular testing and reporting	installed at client sites	available via Cerner Millennium Helix	installed at client sites
Percentage of sites using result-reporting interfaces to external systems based on transmission of fully formatted (e.g., PDF or CDA) results	60%	<10%	90%
Software provides indexed field in each test definition for LOINC code AP system supports use of SNOMED CT for all cases	no (available on request) no	yes (provide current LOINC dictionary with install) yes	yes yes
System can auto. send tumor diagnoses to regional or state tumor registry using NAACCR Pathology Lab Electronic Reporting, vol. V, version 4.0	yes (pathologist can also set a flag for "send this case to tumor registry" on any case record)	yes	yes (pathologist can also set a flag for "send this case to tumor registry" on any case record)
Company uses third-party product for AP system/instrument interfaces	combination of direct interfaces and third-party systems (NextGen Connect integration engine)	no (interface directly)	combination of direct interfaces and third-party systems (client's choice; interfaces in production include Agillaire, AIE, Cloverleaf, Copia, Ellkay)
Other vendors' lab systems to which AP system can bidirectionally interface	Allscripts, CPSI, Epic, eClinicalWorks, Orchard, GE Healthcare, McKesson, Xifin, Greenway, others	Epic, Allscripts, McKesson, Meditech, GE Healthcare, 4medica	Epic, Cerner, McKesson, Meditech, Allscripts
Voice-recognition products or partners that system uses Digital pathology/WSI systems that interface to AP system	Nuance Dragon, Dolbey, Amazon Transcribe none (ability to interface but no client requests)	Voicebrook, Nuance Dragon Leica	Nuance Dragon NaturallySpeaking Professional, others Leica Aperio
Client receives copy of source code User group that meets on established schedule	no no	no yes (in person, via webinar, and via online collaborative community)	escrow (optional) no
Qualified users or third parties can modify or augment AP system functionality or features Methods by which users can tailor AP system in their own setting	no (all modifications made by vendor) ad hoc query tools	no (all modifications made by vendor) ad hoc query tools, user-defined interfaces, dictionary settings	yes (client users) ad hoc query tools, user-defined interfaces, dictionary settings, user programming against vendor-supplied database, WinsRULES rules-based engine, others
Distinguishing product features (supplied by company)	• easy access to customer support by phone, email, and ticketing system • affordable and scalable for labs of any size	• over 35 years of continuous innovation in laboratory and pathology markets • tracking of specimens from point of origin to storage	• flexibility and configurability; rapid response to change • comprehensive: tracking, interfaces, rules engine, paperless workflow

*based on December 2020 survey deadline
Note: a dash as an answer means company did not answer question or question is not applicable

†formerly Cerner Millennium PathNet

†included with independent lab sites

Part 2 of 6	Cortex Medical Management Systems Carrie Cohen ccohen@cortexmed.com Seattle, WA 206-812-6981 www.cortexmed.com	Epic Nick Trentadue ntrentad@epic.com Verona, WI 608-271-9000 www.epic.com	LabWare Sarah Jones sjones@labware.com Wilmington, DE 302-658-8444 www.labware.com
Name of anatomic pathology system	Cortex AP LIS	Beaker	LabWare
How AP system functionality is deployed Configuration of AP system	available as local server/software, ASP, and cloud based available as a standalone product designed to interface with any company's LIS and EHR	available as local server/software, ASP, and cloud based available as a dedicated module for Epic's clinical LIS and EHR and as a standalone product designed to interface with any company's LIS and EHR (1% of installations use AP system as a standalone product)	available as local server/software and an ASP available as a dedicated module for LabWare's clinical LIS and as a standalone product designed to interface with any company's LIS and EHR (7% of installations use AP system as a standalone product)
Year company began selling AP systems (any brand or model)	1986	2011	2013
Most recent installation of this AP system*	November 2020	December 2020	October 2020
Last product release or update for featured AP system*	October 2020 (version 10.2.14)	November 2020 (version Epic November 2020)	November 2019 (version 7.1)
Total No. of contracts for sites operating AP system	56	179	14
• No. of sales and installations of this system between Dec. 2019–Nov. 2020	1 sale and 1 installation	32 sales and 32 installations	6 sales and 5 installations
No. of sites operating AP system (hospitals/independent labs/clinics or group practices/other U.S. sites/foreign sites)	56	not tracked	14 (0/1/0/1/12–hospitals, oncology, reference labs, veterinary)
Company markets this AP system outside the U.S.	no	yes (in UK, Northern Ireland, Norway, Denmark, Finland, Netherlands, Saudi Arabia, Australia, UAE, others)	yes (worldwide)
• Foreign locations in which system installed	—	UK, Norway, Belgium, Canada, Singapore, Lebanon, Canada	Kenya, New Zealand, Australia, UK, Mexico, Hong Kong, Nigeria, Denmark
Human languages (other than English) offered on system	—	Norwegian, French	German, Spanish, Swedish, Chinese, Norwegian, Japanese, Portuguese, Russian, Hebrew, Italian, French
No. of employees in entire company	11	10,898	690
Company provides list of client sites to potential customers on request	yes (with client approval)	yes (complete list with no restrictions)	yes (complete list with no restrictions)
Clients restricted from sharing their experience with company or software	no	no	no
Range in No. of surgical pathology cases per year in installed sites	3,000–300,000	250–250,000	1,000–60,000
Range in No. of gynecologic cytology cases per year in installed sites	4,000–40,000	—	0–3,000
Programming languages	.Net	Visual Basic, Caché, C#, .Net, JavaScript	Java, .Net, SmallTalk
Databases and tools	Microsoft SQL server	Chronicles, SQL	Oracle, SQL server, PostgreSQL
Features/modules incorporated in product:			
• Surgical pathology information system/Cytology information system	installed at client sites/installed at client sites	installed at client sites/installed at client sites	installed at client sites/installed at client sites
• Autopsy information system/Autopsy measurements, organ weights	installed at client sites/installed at client sites	installed at client sites/installed at client sites	installed at client sites/installed at client sites
• Scan and store manual requisition	installed at client sites	installed at client sites	installed at client sites
• Specimen tracking/Specimen storage and retrieval	under development/—	installed at client sites/installed at client sites	installed at client sites/installed at client sites
• Entry of block IDs	installed at client sites	installed at client sites	installed at client sites
• Print specimen labels/Print histology slide labels	installed at client sites/installed at client sites	installed at client sites/installed at client sites	installed at client sites/installed at client sites
• Print barcoded slide labels/Print barcoded cassettes	installed at client sites/installed at client sites	installed at client sites/installed at client sites	installed at client sites/installed at client sites
• Print linear barcodes/Print two-dimensional barcodes	installed at client sites/installed at client sites	installed at client sites/installed at client sites	installed at client sites/installed at client sites
• Print histology worksheets	installed at client sites	installed at client sites	installed at client sites
• Word processing—vendor specific	installed at client sites	installed at client sites	installed at client sites
• Voice entry of gross description/Voice entry of final diagnosis	installed at client sites/installed at client sites	installed at client sites/installed at client sites	installed at client sites/installed at client sites
• Gross images integrated in reports	installed at client sites	installed at client sites	installed at client sites
• Microscopic images integrated in reports	installed at client sites	installed at client sites	installed at client sites
• Electronic signature	installed at client sites	installed at client sites	installed at client sites
• Remote printing of completed reports	installed at client sites	installed at client sites	installed at client sites
• Automatically fax reports to clients without manual intervention	installed at client sites	installed at client sites	installed at client sites
• Web-based remote inquiry of reports	installed at client sites	installed at client sites	installed at client sites
• Physician Web access for order entry	—	installed at client sites	installed at client sites
• Natural language search capability	installed at client sites	under development	installed at client sites
• Multi-site or multi-facility–wide area network	installed at client sites	installed at client sites	installed at client sites
• Sound-alike retrieval of patient history	—	installed at client sites	installed at client sites
• Produce tumor board reports/Produce management reports	installed at client sites/installed at client sites	installed at client sites/installed at client sites	installed at client sites/installed at client sites
• Reports sufficient to comply with CLIA '88 regulations	installed at client sites	installed at client sites	installed at client sites
• Comprehensive billing and AR/Interface to external billing system	installed at client sites/installed at client sites	installed at client sites/installed at client sites	installed at client sites/installed at client sites
• Inbound result-reporting interface to receive discrete results from an external lab and store them in patient record	installed at client sites	installed at client sites	installed at client sites
• EHR interface: admissions/discharge/transfer (ADT)	installed at client sites	installed at client sites	installed at client sites
• EHR interface: result reporting/Report sent to EHR as PDF for clinician	installed at client sites/installed at client sites	installed at client sites/installed at client sites	installed at client sites/installed at client sites
• EHR interface: incoming clinical results	installed at client sites	installed at client sites	installed at client sites
• Partin tables/Gleason score calculations	installed at client sites/installed at client sites	available but not installed/available but not installed	installed at client sites/installed at client sites
• Synoptic reporting for microscopic examination/For gross examination	installed at client sites/installed at client sites	installed at client sites/installed at client sites	installed at client sites/installed at client sites
• CAP electronic cancer checklists automatically embedded	available via a third party	installed at client sites	available but not installed
• Client services module/Consult management and reporting	installed at client sites/installed at client sites	installed at client sites/installed at client sites	installed at client sites/installed at client sites
• LIS manager or lab employee can create ad hoc reports accessing all data elements in AP system	installed at client sites	installed at client sites	installed at client sites
• Lab can define and modify schedule under which management and patient reports are automatically compiled and run	installed at client sites	installed at client sites	installed at client sites
• Business analytics/Management dashboard	installed at client sites/installed at client sites	installed at client sites/installed at client sites	installed at client sites/installed at client sites
• Support for molecular testing and reporting	installed at client sites	installed at client sites	installed at client sites
Percentage of sites using result-reporting interfaces to external systems based on transmission of fully formatted (e.g., PDF or CDA) results	98%	100%	35%
Software provides indexed field in each test definition for LOINC code	no	yes (provide current LOINC dictionary with install)	yes
AP system supports use of SNOMED CT for all cases	—	yes	yes
System can auto. send tumor diagnoses to regional or state tumor registry using NAACCR Pathology Lab Electronic Reporting, vol. V, version 4.0	yes	yes (pathologist can also set a flag for "send this case to tumor registry" on any case record)	yes (pathologist can also set a flag for "send this case to tumor registry" on any case record)
Company uses third-party product for AP system/instrument interfaces	combination of direct interfaces and third-party systems	combination of direct interfaces and third-party systems (Data Innovations an option; client's choice)	no (interface directly)
Other vendors' lab systems to which AP system can bidirectionally interface	Meditech, Epic, Cerner, Halfpenny, Orchard, others	Cerner, SCC Soft Computer, Sunquest, Haemonetics, Orchard, Lifepoint, others	Meditech, Cerner, Provantis, SCC Soft Computer, Epic, Thermo-Watson, others
Voice-recognition products or partners that system uses	Nuance Dragon, Voicebrook, others	Nuance, M*Modal, Voicebrook	Nuance Dragon NaturallySpeaking
Digital pathology/WSI systems that interface to AP system	none (ability to interface but no client requests)	Leica, Inspirata, Corista, Philips, Sectra	Leica, Philips
Client receives copy of source code	escrow	yes	escrow
User group that meets on established schedule	yes (in person, via webinar, and via conference call)	yes (in person, via webinar, and via conference call)	yes (in person)
Qualified users or third parties can modify or augment AP system functionality or features	no (all modifications made by vendor)	yes (client users and designated third parties)	yes (client users and designated third parties)
Methods by which users can tailor AP system in their own setting	user programming against vendor-supplied database	ad hoc query tools, user-defined interfaces, dictionary settings, user programming against vendor-supplied database	ad hoc query tools, user-defined interfaces, dictionary settings, user programming against vendor-supplied database, configurable rules engine, others
Distinguishing product features (supplied by company)	• dynamic feature sets, Web report portal, and integrated billing module • over 34 years of experience, service, and commitment to AP laboratory clients	• integrated disease reporting for external clients and in-house physicians • single database across all lab specialties and imaging–RIS, AP, CP, molecular, microbiology	• full integration with LabWare's solution for clinical pathology disciplines • configurable workflow tools to empower agility and responsiveness

*based on December 2020 survey deadline
Note: a dash as an answer means company did not answer question or question is not applicable

Part 3 of 6	LigoLab **Suren Avunjian** suren@ligolab.com **Glendale, CA** **800-544-6522** www.ligolab.com	NetSoft **Byron Davis** bdavis@netsoftusa.com **Snellville, GA** **678-325-2909** www.netsoftusa.com	NovoPath, LLC **Rick Callahan** rcallahan@novopath.com **Princeton, NJ** **877-668-6123** www.novopath.com
Name of anatomic pathology system	LigoLab AP/LIS & RCM 2021†	IntelliPath	NovoPath Anatomic Pathology Software System†
How AP system functionality is deployed Configuration of AP system	available as local server/software, ASP, and cloud based available as a standalone product designed to interface with LigoLab's clinical LIS and any company's EHR	available as local server/software, ASP, and cloud based available as a standalone product designed to interface with any company's LIS and EHR	available as local server/software, ASP, and cloud based available as a standalone product designed to interface with any company's LIS and EHR
Year company began selling AP systems (any brand or model) Most recent installation of this AP system* Last product release or update for featured AP system* Total No. of contracts for sites operating AP system • No. of sales and installations of this system between Dec. 2019–Nov. 2020 No. of sites operating AP system (hospitals/independent labs/clinics or group practices/other U.S. sites/foreign sites) Company markets this AP system outside the U.S. • Foreign locations in which system installed Human languages (other than English) offered on system	2006 December 2020 December 2020 (version LigoLab AP/LIS & RCM 2020.4.10) 62 17 sales and 31 installations 126 (0/126/0/0/0) no — —	2001 December 2020 December 2020 (version 2020.12.04) 102 4 sales and 4 installations 201 (6/87/108/0/0) yes (in UK, Europe) — —	1999 November 2020 November 2020 (version X20/9.0 R14) 250 2 sales and 7 installations 417 (U.S. sites not broken down; 4 foreign sites–hospitals, reference labs) yes (worldwide) UK, Canada, Pakistan, Saudi Arabia Latin languages supported by Windows; fields customizable to most languages
No. of employees in entire company Company provides list of client sites to potential customers on request Clients restricted from sharing their experience with company or software	43 yes (complete list but prospective client must sign a nondisclosure agreement) no	11 yes (partial list of comparable sites with no restrictions) no	55 yes (partial list of comparable sites with no restrictions) no
Range in No. of surgical pathology cases per year in installed sites Range in No. of gynecologic cytology cases per year in installed sites	10,000–350,000 30,000–500,000	4,000–420,000 12,000–75,000	2,000–1,000,000 1,000–750,000
Programming languages Databases and tools	Java Microsoft SQL, Oracle	Clarion, C++, .Net, Java, C# Actian, Crystal Reports, Custom Report Writer	Microsoft Visual Studio Microsoft SQL, Oracle
Features/modules incorporated in product:			
• Surgical pathology information system/Cytology information system	installed at client sites/installed at client sites	installed at client sites/installed at client sites	installed at client sites/installed at client sites
• Autopsy information system/Autopsy measurements, organ weights	installed at client sites/installed at client sites	installed at client sites/installed at client sites	installed at client sites/installed at client sites
• Scan and store manual requisition	installed at client sites	installed at client sites	installed at client sites
• Specimen tracking/Specimen storage and retrieval	installed at client sites/installed at client sites	installed at client sites/installed at client sites	installed at client sites/installed at client sites
• Entry of block IDs	installed at client sites	installed at client sites	installed at client sites
• Print specimen labels/Print histology slide labels	installed at client sites/installed at client sites	installed at client sites/installed at client sites	installed at client sites/installed at client sites
• Print barcoded slide labels/Print barcoded cassettes	installed at client sites/installed at client sites	installed at client sites/installed at client sites	installed at client sites/installed at client sites
• Print linear barcodes/Print two-dimensional barcodes	installed at client sites/installed at client sites	installed at client sites/installed at client sites	installed at client sites/installed at client sites
• Print histology worksheets	installed at client sites	installed at client sites	installed at client sites
• Word processing—vendor specific	installed at client sites	installed at client sites	installed at client sites
• Voice entry of gross description/Voice entry of final diagnosis	installed at client sites/installed at client sites	installed at client sites/installed at client sites	installed at client sites/installed at client sites
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• Microscopic images integrated in reports	installed at client sites	installed at client sites	installed at client sites
• Electronic signature	installed at client sites	installed at client sites	installed at client sites
• Remote printing of completed reports	installed at client sites	installed at client sites	installed at client sites
• Automatically fax reports to clients without manual intervention	installed at client sites	installed at client sites	installed at client sites
• Web-based remote inquiry of reports	installed at client sites	installed at client sites	installed at client sites
• Physician Web access for order entry	installed at client sites	under development	installed at client sites
• Natural language search capability	installed at client sites	installed at client sites	installed at client sites
• Multi-site or multi-facility–wide area network	installed at client sites	installed at client sites	installed at client sites
• Sound-alike retrieval of patient history	installed at client sites	not available for this software	installed at client sites
• Produce tumor board reports/Produce management reports	installed at client sites/installed at client sites	installed at client sites/installed at client sites	installed at client sites/installed at client sites
• Reports sufficient to comply with CLIA '88 regulations	installed at client sites	installed at client sites	installed at client sites
• Comprehensive billing and AR/Interface to external billing system	installed at client sites/installed at client sites	installed at client sites/installed at client sites	installed at client sites/installed at client sites
• Inbound result-reporting interface to receive discrete results from an external lab and store them in patient record	installed at client sites	installed at client sites	installed at client sites
• EHR interface: admissions/discharge/transfer (ADT)	installed at client sites	installed at client sites	installed at client sites
• EHR interface: result reporting/Report sent to EHR as PDF for clinician	installed at client sites/installed at client sites	installed at client sites/installed at client sites	installed at client sites/installed at client sites
• EHR interface: incoming clinical results	installed at client sites	installed at client sites	installed at client sites
• Partin tables/Gleason score calculations	installed at client sites/installed at client sites	installed at client sites/installed at client sites	installed at client sites/installed at client sites
• Synoptic reporting for microscopic examination/For gross examination	installed at client sites/installed at client sites	installed at client sites/installed at client sites	installed at client sites/installed at client sites
• CAP electronic cancer checklists automatically embedded	installed at client sites	installed at client sites	installed at client sites
• Client services module/Consult management and reporting	installed at client sites/installed at client sites	installed at client sites/installed at client sites	installed at client sites/installed at client sites
• LIS manager or lab employee can create ad hoc reports accessing all data elements in AP system	installed at client sites	installed at client sites	installed at client sites
• Lab can define and modify schedule under which management and patient reports are automatically compiled and run	installed at client sites	not available for this software	installed at client sites
• Business analytics/Management dashboard	installed at client sites/installed at client sites	installed at client sites/installed at client sites	installed at client sites/installed at client sites
• Support for molecular testing and reporting	installed at client sites	installed at client sites	installed at client sites
Percentage of sites using result-reporting interfaces to external systems based on transmission of fully formatted (e.g., PDF or CDA) results	18%	25%	85%
Software provides indexed field in each test definition for LOINC code AP system supports use of SNOMED CT for all cases	yes (provide current LOINC dictionary with install) yes	no yes	yes yes
System can auto. send tumor diagnoses to regional or state tumor registry using NAACCR Pathology Lab Electronic Reporting, vol. V, version 4.0	yes (pathologist can also set a flag for "send this case to tumor registry" on any case record)	yes (pathologist can also set a flag for "send this case to tumor registry" on any case record)	yes (pathologist can also set a flag for "send this case to tumor registry" on any case record)
Company uses third-party product for AP system/instrument interfaces Other vendors' lab systems to which AP system can bidirectionally interface	no (interface directly) McKesson, Cerner, Sunquest, Schuyler House, Orchard, Xifin	no (interface directly) Cerner, Allscripts, Epic, GE Healthcare, Meditech, NextGen, Practice Fusion, eClinicalWorks, others	no (interface directly) Cerner, Epic, Meditech, Allscripts, CompuGroup Medical, CPSI, GE Healthcare, NextGen, Sunquest, eClinicalWorks, Orchard, others
Voice-recognition products or partners that system uses Digital pathology/WSI systems that interface to AP system	Nuance Dragon Dictate, Dolbey Fusion Leica, Roche Ventana, Hamamatsu	Nuance Dragon NaturallySpeaking Philips, Leica	Nuance, Voicebrook, Windows Speech, M*Modal Philips, Leica Aperio, Motic
Client receives copy of source code User group that meets on established schedule Qualified users or third parties can modify or augment AP system functionality or features Methods by which users can tailor AP system in their own setting	escrow yes (in person, via webinar, and via conference call) yes (client users) ad hoc query tools, user-defined interfaces, dictionary settings, user programming against vendor-supplied database	escrow yes (via conference call) no (all modifications made by vendor) ad hoc query tools, dictionary settings, workflow configuration settings	escrow yes (via webinar) yes (client users) ad hoc query tools, user-defined interfaces, dictionary settings, user programming against vendor-supplied database, pathology report formatting, others
Distinguishing product features (supplied by company)	• all-in-one operating platform includes AP, CP, MDx, RCM, and a direct-to-consumer portal • fully integrated platform features automation and a seamless billing workflow	• all modules, including billing, word processing, and specimen tracking, fully integrated in user interface • full-featured, robust system customized to client's workflow; low cost	• optical character recognition • pathologist and staff scheduler with case auto-assignment

*based on December 2020 survey deadline
Note: a dash as an answer means company did not answer question or question is not applicable

†formerly LigoLab AP/LIS & RCM 2020

†also marketed by Allscripts

Part 4 of 6	Orchard Software Corp. **Steve Hurwitz** shurwitz@orchardsoft.com **Carmel, IN** **800-856-1948** www.orchardsoft.com	Psychē Systems Corp. **Kyle Anderson** sales@psychesystems.com **Milford, MA** **800-345-1514** www.psychesystems.com	SCC Soft Computer **Ellie Vahman** ellie@softcomputer.com **Clearwater, FL** **800-763-8352** www.softcomputer.com
Name of anatomic pathology system	Orchard Pathology	WindoPath E.ssential†	SoftPathDx†
How AP system functionality is deployed	available as local server/software, ASP, and cloud based	available as an ASP and cloud based	available as local server/software, ASP, and cloud based
Configuration of AP system	available as a dedicated module for Orchard's clinical LIS and as a standalone product designed to interface with any company's LIS and EHR	available as a standalone product designed to interface with any company's LIS and EHR	available as a dedicated module for SCC's clinical LIS and as a standalone product that can interface with any company's LIS and EHR
Year company began selling AP systems (any brand or model)	2006	1983	1993
Most recent installation of this AP system*	November 2020	November 2020	August 2020
Last product release or update for featured AP system*	July 2019 (version 12)	December 2020 (version E.1079)	February 2021 (version 4.1.x)
Total No. of contracts for sites operating AP system	116	—	121
• No. of sales and installations of this system between Dec. 2019–Nov. 2020	5 sales and 5 installations	2 sales and 2 installations	7 sales and 36 installations
No. of sites operating AP system (hospitals/independent labs/clinics or group practices/other U.S. sites/foreign sites)	116 (19/44/41/12–public health labs, research, veterinary/0)	115 (32/59/13/10–university research/1–multi-focus laboratory)	517 (214/17/38/0/248–public health system hospitals, pathology labs, commercial labs)
Company markets this AP system outside the U.S.	no	yes (in Canada)	yes (worldwide)
• Foreign locations in which system installed	—	Canada	Australia, Canada, France, Jamaica, Hong Kong, Indonesia, Israel, Malaysia, Singapore
Human languages (other than English) offered on system	—	—	French, Hebrew
No. of employees in entire company	241	30	1,700
Company provides list of client sites to potential customers on request	yes (partial list of comparable sites with no restrictions)	yes (partial list of comparable sites with no restrictions)	yes (partial list of comparable sites with no restrictions)
Clients restricted from sharing their experience with company or software	no	no	no
Range in No. of surgical pathology cases per year in installed sites	8,000–150,000	1,000–10,000+	2,000–500,000
Range in No. of gynecologic cytology cases per year in installed sites	11,000–150,000	100–30,000	2,000–175,000
Programming languages	4D, Java, C++	Visual Basic, Visual Basic .Net, SmallTalk	C, C++, Java, Microsoft .Net
Databases and tools	4D, SQL, Apache Tomcat	Microsoft SQL server, InterFax	Oracle
Features/modules incorporated in product:			
• Surgical pathology information system/Cytology information system	installed at client sites/installed at client sites	installed at client sites/installed at client sites	installed at client sites/installed at client sites
• Autopsy information system/Autopsy measurements, organ weights	installed at client sites/installed at client sites	installed at client sites/installed at client sites	installed at client sites/installed at client sites
• Scan and store manual requisition	installed at client sites	installed at client sites	installed at client sites
• Specimen tracking/Specimen storage and retrieval	installed at client sites/installed at client sites	installed at client sites/installed at client sites	available via SCC's SoftTrack/available via SCC's SoftBiobank
• Entry of block IDs	installed at client sites	installed at client sites	installed at client sites
• Print specimen labels/Print histology slide labels	installed at client sites/installed at client sites	installed at client sites/installed at client sites	installed at client sites/installed at client sites
• Print barcoded slide labels/Print barcoded cassettes	installed at client sites/installed at client sites	installed at client sites/installed at client sites	installed at client sites/installed at client sites
• Print linear barcodes/Print two-dimensional barcodes	installed at client sites/installed at client sites	installed at client sites/installed at client sites	installed at client sites/installed at client sites
• Print histology worksheets	installed at client sites	installed at client sites	installed at client sites
• Word processing—vendor specific	installed at client sites	installed at client sites	installed at client sites
• Voice entry of gross description/Voice entry of final diagnosis	available via a third party/available via a third party	installed at client sites/installed at client sites	installed at client sites/installed at client sites
• Gross images integrated in reports	installed at client sites	installed at client sites	installed at client sites
• Microscopic images integrated in reports	installed at client sites	installed at client sites	installed at client sites
• Electronic signature	installed at client sites	installed at client sites	installed at client sites
• Remote printing of completed reports	installed at client sites	installed at client sites	installed at client sites
• Automatically fax reports to clients without manual intervention	installed at client sites	installed at client sites	installed at client sites
• Web-based remote inquiry of reports	installed at client sites	installed at client sites	installed at client sites
• Physician Web access for order entry	installed at client sites	available via Psychē Systems' Outreach	installed at client sites
• Natural language search capability	not available for this software	not available for this software	installed at client sites
• Multi-site or multi-facility–wide area network	installed at client sites	installed at client sites	installed at client sites
• Sound-alike retrieval of patient history	not available for this software	installed at client sites	installed at client sites
• Produce tumor board reports/Produce management reports	installed at client sites/installed at client sites	installed at client sites/avail. via Psychē Systems' e.Query	installed at client sites/installed at client sites
• Reports sufficient to comply with CLIA '88 regulations	installed at client sites	installed at client sites	installed at client sites
• Comprehensive billing and AR/Interface to external billing system	not available for this software/installed at client sites	not available for this software/installed at client sites	installed at client sites/installed at client sites
• Inbound result-reporting interface to receive discrete results from an external lab and store them in patient record	installed at client sites	installed at client sites	installed at client sites
• EHR interface: admissions/discharge/transfer (ADT)	installed at client sites	installed at client sites	installed at client sites
• EHR interface: result reporting/Report sent to EHR as PDF for clinician	installed at client sites/installed at client sites	installed at client sites/installed at client sites	installed at client sites/installed at client sites
• EHR interface: incoming clinical results	installed at client sites	installed at client sites	installed at client sites
• Partin tables/Gleason score calculations	installed at client sites/installed at client sites	installed at client sites/installed at client sites	installed at client sites/installed at client sites
• Synoptic reporting for microscopic examination/For gross examination	installed at client sites/installed at client sites	installed at client sites/installed at client sites	installed at client sites/installed at client sites
• CAP electronic cancer checklists automatically embedded	not available for this software	installed at client sites	installed at client sites
• Client services module/Consult management and reporting	installed at client sites/installed at client sites	installed at client sites/installed at client sites	installed at client sites/installed at client sites
• LIS manager or lab employee can create ad hoc reports accessing all data elements in AP system	installed at client sites	installed at client sites	installed at client sites
• Lab can define and modify schedule under which management and patient reports are automatically compiled and run	installed at client sites	installed at client sites	installed at client sites
• Business analytics/Management dashboard	installed at client sites/installed at client sites	available via Psychē Systems' e.Query, e.Dashboard/available via Psychē Systems' e.Dashboard	available via SCC's SoftBI/available via SCC's SoftBI
• Support for molecular testing and reporting	installed at client sites	available via Psychē Systems' NucleoLIS	available via SCC's SoftMolecular
Percentage of sites using result-reporting interfaces to external systems based on transmission of fully formatted (e.g., PDF or CDA) results	50%	35%	100%
Software provides indexed field in each test definition for LOINC code	yes	yes	yes (provide current LOINC dictionary with install)
AP system supports use of SNOMED CT for all cases	yes	yes	yes
System can auto. send tumor diagnoses to regional or state tumor registry using NAACCR Pathology Lab Electronic Reporting, vol. V, version 4.0	yes (pathologist can also set a flag for "send this case to tumor registry" on any case record)	yes (pathologist can also set a flag for "send this case to tumor registry" on any case record)	yes (pathologist can also set a flag for "send this case to tumor registry" on any case record)
Company uses third-party product for AP system/instrument interfaces	no (interface directly)	combination of direct interfaces and third-party systems	no (interface directly)
Other vendors' lab systems to which AP system can bidirectionally interface	Allscripts, GE Healthcare, Siemens, Cerner, Meditech, eMDs, McKesson, Healthland, others	Siemens, McKesson, Meditech, Cerner, Epic, Sunquest, Orchard, others	Cerner, Epic, Meditech, Sunquest, others
Voice-recognition products or partners that system uses	NVoq SayIt, Nuance Dragon NaturallySpeaking, Voicebrook, M*Modal Fluency Direct, others	Nuance Dragon NaturallySpeaking	Voicebrook, Nuance Dragon, M*Modal, others
Digital pathology/WSI systems that interface to AP system	Leica Aperio	Philips, Leica Aperio, Roche Ventana, Hamamatsu, others	Leica Aperio, Philips
Client receives copy of source code	escrow	escrow	escrow
User group that meets on established schedule	yes (via webinar)	no	yes (in person, via webinar, and via conference call)
Qualified users or third parties can modify or augment AP system functionality or features	yes (client users)	yes (client users)	yes (client users)
Methods by which users can tailor AP system in their own setting	ad hoc query tools, user-defined interfaces, dictionary settings, rules-based decision-making technology, user-defined fields and ID formats, others	ad hoc query tools, user-defined interfaces, dictionary settings	ad hoc query tools, user-defined interfaces, dictionary settings, user programming against vendor-supplied database, workflow engine, rules engine, others
Distinguishing product features (supplied by company)	• single all-inclusive system that uses same database for clinical/pathology • report data structured for standardization and synoptic reporting	• highly customizable, with thousands of preferences at user and lab level • OneVersion: new features released regularly with minimal downtime	• workflow engine and rules that encompass AP and genetics/NGS • automated integrated content reporting (auto-compile from multiple sources)

based on December 2020 survey deadline
Note: a dash as an answer means company did not answer question or question is not applicable
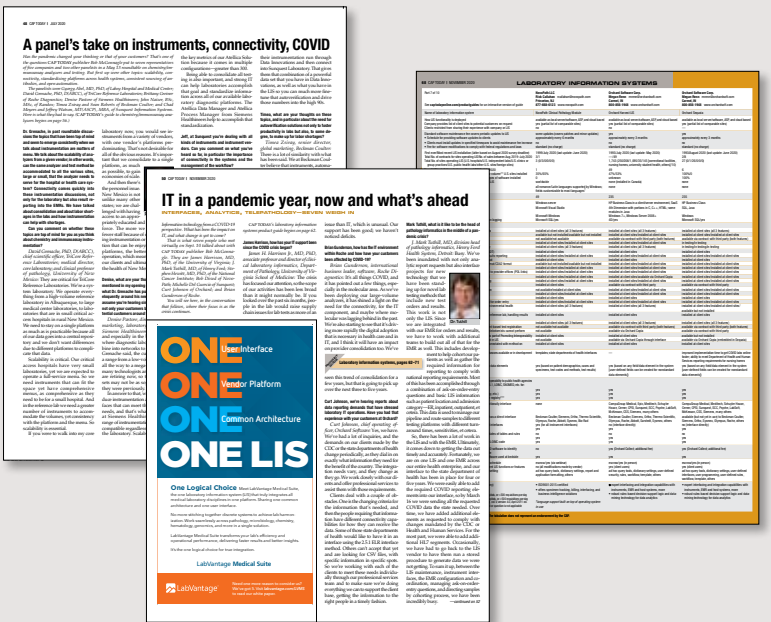
†formerly WindoPath

†formerly SoftPath; SoftPathDx also marketed by SCC-designated consultants, international distributors/agents

Part 5 of 6	Sunquest Information Systems Stephanie Clohessy stephanie.clohessy@sunquestinfo.com Tucson, AZ 520-570-2000 www.sunquestinfo.com	Sunquest Information Systems Stephanie Clohessy stephanie.clohessy@sunquestinfo.com Tucson, AZ 520-570-2000 www.sunquestinfo.com	VitalAxis Tharak Krishnamurthy sales@vitalaxis.com Toms River, NJ 866-441-0268 www.vitalaxis.com
Name of anatomic pathology system	Sunquest CoPathPlus	Sunquest PowerPath	VitalDx LIS†
How AP system functionality is deployed	available as local server/software and an ASP	available as local server/software and an ASP	available as a cloud-based offering
Configuration of AP system	available as a standalone product designed to interface with any company's LIS and EHR	available as a standalone product designed to interface with any company's LIS and EHR	available as a dedicated module for VitalAxis' clinical LIS and as a standalone product designed to interface with any company's LIS and EHR (90% of installations use AP system as a standalone product)
Year company began selling AP systems (any brand or model)	1982	1982	2006
Most recent installation of this AP system*	November 2019	September 2020	November 2020
Last product release or update for featured AP system*	July 2020 (version 7.1)	August 2020 (version 12.0)	November 2020 (version V6.85)
Total No. of contracts for sites operating AP system	140	140	150
• No. of sales and installations of this system between Dec. 2019–Nov. 2020			
No. of sites operating AP system (hospitals/independent labs/clinics or group practices/other U.S. sites/foreign sites)	140 (104/18/2/0/16–health organizations)	140 (104/24/4/1–esoteric/start-up/7–health organizations)	—
Company markets this AP system outside the U.S.	yes (in Canada)	yes (in Canada, Australia, New Zealand, Singapore)	no
• Foreign locations in which system installed	UK, Ireland, Canada, Bermuda, Bahamas, Saudi Arabia, United Arab Emirates	Canada, Australia, Turkey	—
Human languages (other than English) offered on system	—	—	—
No. of employees in entire company	—	—	525
Company provides list of client sites to potential customers on request	yes (partial list of comparable sites with no restrictions)	yes (partial list of comparable sites with no restrictions)	yes (partial list of comparable sites but prospective client must sign a nondisclosure agreement)
Clients restricted from sharing their experience with company or software	no	no	no
Range in No. of surgical pathology cases per year in installed sites	700–500,000	1,500–480,000	12,000–300,000
Range in No. of gynecologic cytology cases per year in installed sites	0–600,000	5,000–350,000	12,000–300,000
Programming languages	C++, Visual Basic, PowerBuilder	C#, .Net, Borland Delphi	.Net Suite (C#), Java, HTML, CSS, JavaScript
Databases and tools	Sybase, PowerBuilder	Microsoft SQL	SQL Server 2017
Features/modules incorporated in product:			
• Surgical pathology information system/Cytology information system	installed at client sites/installed at client sites	installed at client sites/installed at client sites	installed at client sites/installed at client sites
• Autopsy information system/Autopsy measurements, organ weights	installed at client sites/installed at client sites	installed at client sites/installed at client sites	not avail. for this software/not avail. for this software
• Scan and store manual requisition	installed at client sites	installed at client sites	installed at client sites
• Specimen tracking/Specimen storage and retrieval	installed at client sites/installed at client sites	installed at client sites/installed at client sites	installed at client sites/installed at client sites
• Entry of block IDs	installed at client sites	installed at client sites	installed at client sites
• Print specimen labels/Print histology slide labels	installed at client sites/installed at client sites	installed at client sites/installed at client sites	installed at client sites/installed at client sites
• Print barcoded slide labels/Print barcoded cassettes	installed at client sites/installed at client sites	installed at client sites/installed at client sites	installed at client sites/installed at client sites
• Print linear barcodes/Print two-dimensional barcodes	installed at client sites/installed at client sites	installed at client sites/installed at client sites	installed at client sites/installed at client sites
• Print histology worksheets	installed at client sites	installed at client sites	installed at client sites
• Word processing—vendor specific	installed at client sites	installed at client sites	installed at client sites
• Voice entry of gross description/Voice entry of final diagnosis	installed at client sites/installed at client sites	installed at client sites/installed at client sites	installed at client sites/installed at client sites
• Gross images integrated in reports	installed at client sites	installed at client sites	installed at client sites
• Microscopic images integrated in reports	installed at client sites	installed at client sites	installed at client sites
• Electronic signature	installed at client sites	installed at client sites	installed at client sites
• Remote printing of completed reports	installed at client sites	installed at client sites	installed at client sites
• Automatically fax reports to clients without manual intervention	installed at client sites	installed at client sites	installed at client sites
• Web-based remote inquiry of reports	available via Sunquest physician portal for AP	available via Sunquest physician portal for AP	installed at client sites
• Physician Web access for order entry	available via Sunquest physician portal for AP	available via Sunquest physician portal for AP	installed at client sites
• Natural language search capability	installed at client sites	installed at client sites	installed at client sites
• Multi-site or multi-facility–wide area network	installed at client sites	installed at client sites	installed at client sites
• Sound-alike retrieval of patient history	installed at client sites	installed at client sites	installed at client sites
• Produce tumor board reports/Produce management reports	installed at client sites/installed at client sites	installed at client sites/installed at client sites	installed at client sites/installed at client sites
• Reports sufficient to comply with CLIA '88 regulations	installed at client sites	installed at client sites	installed at client sites
• Comprehensive billing and AR/Interface to external billing system	installed at client sites/installed at client sites	installed at client sites/installed at client sites	installed at client sites/installed at client sites
• Inbound result-reporting interface to receive discrete results from an external lab and store them in patient record	installed at client sites	installed at client sites	installed at client sites
• EHR interface: admissions/discharge/transfer (ADT)	installed at client sites	installed at client sites	installed at client sites
• EHR interface: result reporting/Report sent to EHR as PDF for clinician	installed at client sites/installed at client sites	installed at client sites/installed at client sites	installed at client sites/installed at client sites
• EHR interface: incoming clinical results	installed at client sites	installed at client sites	installed at client sites
• Partin tables/Gleason score calculations	available via a third party/available via a third party	installed at client sites/installed at client sites	installed at client sites/installed at client sites
• Synoptic reporting for microscopic examination/For gross examination	available via a third party/available via a third party	installed at client sites/installed at client sites	installed at client sites/installed at client sites
• CAP electronic cancer checklists automatically embedded	available via a third party	installed at client sites	installed at client sites
• Client services module/Consult management and reporting	installed at client sites/installed at client sites	installed at client sites/installed at client sites	installed at client sites/installed at client sites
• LIS manager or lab employee can create ad hoc reports accessing all data elements in AP system	installed at client sites	installed at client sites	installed at client sites
• Lab can define and modify schedule under which management and patient reports are automatically compiled and run	installed at client sites	installed at client sites	installed at client sites
• Business analytics/Management dashboard	available via Sunquest Analytics/available via Sunquest Analytics	available via Sunquest Analytics/available via Sunquest Analytics	installed at client sites/installed at client sites
• Support for molecular testing and reporting	installed at client sites	installed at client sites	installed at client sites
Percentage of sites using result-reporting interfaces to external systems based on transmission of fully formatted (e.g., PDF or CDA) results	48%	38%	70%
Software provides indexed field in each test definition for LOINC code	no	yes	yes (provide current LOINC dictionary with install)
AP system supports use of SNOMED CT for all cases	for cancer cases with CAP electronic cancer checklists	yes	no
System can auto. send tumor diagnoses to regional or state tumor registry using NAACCR Pathology Lab Electronic Reporting, vol. V, version 4.0	yes (pathologist can also set a flag for "send this case to tumor registry" on any case record)	yes (pathologist can also set a flag for "send this case to tumor registry" on any case record)	yes (pathologist can also set a flag for "send this case to tumor registry" on any case record)
Company uses third-party product for AP system/instrument interfaces	combination of direct interfaces and third-party systems (Data Innovations)	combination of direct interfaces and third-party systems (Data Innovations)	combination of direct interfaces and third-party systems
Other vendors' lab systems to which AP system can bidirectionally interface	Epic, McKesson, Cerner, Siemens, GE Healthcare, Allscripts, Meditech, others	Allscripts, Cerner, Epic, GE Healthcare, McKesson, Meditech, Siemens, 4medica, others	Seacoast, Ovation
Voice-recognition products or partners that system uses	Nuance Dragon NaturallySpeaking, Voicebrook, M*Modal	Nuance Dragon NaturallySpeaking, Voicebrook, M*Modal	Nuance Dragon
Digital pathology/WSI systems that interface to AP system	Roche Ventana, Leica Aperio, Philips, Inspirata	Roche Ventana, Leica Aperio, Philips	—
Client receives copy of source code	optional	optional	no
User group that meets on established schedule	yes (in person, via webinar, and via conference call)	yes (in person, via webinar, and via conference call)	yes (via webinar, via conference call, on a need basis)
Qualified users or third parties can modify or augment AP system functionality or features	no (all modifications made by vendor)	no (all modifications made by vendor)	yes (client users)
Methods by which users can tailor AP system in their own setting	ad hoc query tools; user-defined interfaces; dictionary settings; client-defined, rules-based workflows around AP processes and features	ad hoc query tools, user-defined interfaces, dictionary settings, rules-based workflows around AP processes and reflexes, customizable Crystal Reports	ad hoc query tools, user-defined interfaces, dictionary settings, user programming against vendor-supplied database, administrative customization tools
Distinguishing product features (supplied by company)	• integrated AP/molecular reports enhance outcomes and improve care coordination • comprehensive specimen-management for safety and efficiency	• integrated AP/molecular reports enhance outcomes and improve care coordination • Case Finder: robust, user-friendly ad hoc query tool	• custom rules engine-based workflow • entire network of physicians, send-out labs, and external pathologists use the same system

*based on December 2020 survey deadline
Note: a dash as an answer means company did not answer question or question is not applicable

†formerly VitalAxis LIS; VitalDx LIS also marketed by P4 Diagnostix, Miraca Life Sciences, PLUS Diagnostix

Part 6 of 6	**XIFIN** **Conor Ward** cward@xifin.com **San Diego, CA** **858-793-5700** www.xifin.com
Name of anatomic pathology system	XIFIN LIS†
How AP system functionality is deployed	available as a cloud-based offering
Configuration of AP system	available as a dedicated module for XIFIN's clinical LIS and EHR and as a standalone product designed to interface with any company's LIS and EHR (40% of installations use AP system as a standalone product)
Year company began selling AP systems (any brand or model)	2004
Most recent installation of this AP system*	September 2020
Last product release or update for featured AP system*	November 2020 (version 7.1)
Total No. of contracts for sites operating AP system	68
• No. of sales and installations of this system between Dec. 2019–Nov. 2020	5 sales and 3 installations
No. of sites operating AP system (hospitals/independent labs/clinics or group practices/other U.S. sites/foreign sites)	66 (0/40/20/0/6–AP and molecular labs)
Company markets this AP system outside the U.S.	yes (in Africa, Asia, Europe)
• Foreign locations in which system installed	UK, China, Holland, Rwanda, Tanzania, Ethiopia
Human languages (other than English) offered on system	Chinese (Mandarin simplified)
No. of employees in entire company	429
Company provides list of client sites to potential customers on request	yes (partial list of comparable sites with no restrictions)
Clients restricted from sharing their experience with company or software	no
Range in No. of surgical pathology cases per year in installed sites	5,250–223,000
Range in No. of gynecologic cytology cases per year in installed sites	15,000–75,000
Programming languages	C#, .Net
Databases and tools	SQL
Features/modules incorporated in product:	
• Surgical pathology information system/Cytology information system	installed at client sites/installed at client sites
• Autopsy information system/Autopsy measurements, organ weights	installed at client sites/installed at client sites
• Scan and store manual requisition	installed at client sites
• Specimen tracking/Specimen storage and retrieval	installed at client sites/installed at client sites
• Entry of block IDs	installed at client sites
• Print specimen labels/Print histology slide labels	installed at client sites/installed at client sites
• Print barcoded slide labels/Print barcoded cassettes	installed at client sites/installed at client sites
• Print linear barcodes/Print two-dimensional barcodes	installed at client sites/installed at client sites
• Print histology worksheets	installed at client sites
• Word processing—vendor specific	installed at client sites
• Voice entry of gross description/Voice entry of final diagnosis	available via a third party/available via a third party
• Gross images integrated in reports	installed at client sites
• Microscopic images integrated in reports	installed at client sites
• Electronic signature	installed at client sites
• Remote printing of completed reports	installed at client sites
• Automatically fax reports to clients without manual intervention	available via a third party
• Web-based remote inquiry of reports	installed at client sites
• Physician Web access for order entry	installed at client sites
• Natural language search capability	installed at client sites
• Multi-site or multi-facility–wide area network	installed at client sites
• Sound-alike retrieval of patient history	installed at client sites
• Produce tumor board reports/Produce management reports	installed at client sites/installed at client sites
• Reports sufficient to comply with CLIA '88 regulations	installed at client sites
• Comprehensive billing and AR/Interface to external billing system	installed at client sites/available via XIFIN RPM
• Inbound result-reporting interface to receive discrete results from an external lab and store them in patient record	installed at client sites
• EHR interface: admissions/discharge/transfer (ADT)	installed at client sites
• EHR interface: result reporting/Report sent to EHR as PDF for clinician	installed at client sites/installed at client sites
• EHR interface: incoming clinical results	installed at client sites
• Partin tables/Gleason score calculations	installed at client sites/installed at client sites
• Synoptic reporting for microscopic examination/For gross examination	installed at client sites/installed at client sites
• CAP electronic cancer checklists automatically embedded	installed at client sites
• Client services module/Consult management and reporting	installed at client sites/installed at client sites
• LIS manager or lab employee can create ad hoc reports accessing all data elements in AP system	installed at client sites
• Lab can define and modify schedule under which management and patient reports are automatically compiled and run	installed at client sites
• Business analytics/Management dashboard	installed at client sites/installed at client sites
• Support for molecular testing and reporting	installed at client sites
Percentage of sites using result-reporting interfaces to external systems based on transmission of fully formatted (e.g., PDF or CDA) results	85%
Software provides indexed field in each test definition for LOINC code	yes
AP system supports use of SNOMED CT for all cases	yes
System can auto. send tumor diagnoses to regional or state tumor registry using NAACCR Pathology Lab Electronic Reporting, vol. V, version 4.0	yes (pathologist can also set a flag for "send this case to tumor registry" on any case record)
Company uses third-party product for AP system/instrument interfaces	combination of direct interfaces and third-party systems (Data Innovations)
Other vendors' lab systems to which AP system can bidirectionally interface	Epic, Cortex, Allscripts, Meditech, Cerner, GE Healthcare, eClinicalWorks, Practice Fusion, eMDs, others
Voice-recognition products or partners that system uses	Dolbey, Voicebrook, Nuance Dragon NaturallySpeaking, NVoq SayIt
Digital pathology/WSI systems that interface to AP system	Leica Aperio, Roche Ventana, BioView, Motic, others
Client receives copy of source code	escrow
User group that meets on established schedule	yes (via webinar)
Qualified users or third parties can modify or augment AP system functionality or features	yes (client users)
Methods by which users can tailor AP system in their own setting	ad hoc query tools, user-defined interfaces, dictionary settings, user programming against vendor-supplied database, user-managed test menu and testing protocols, user-managed security privileges, others
Distinguishing product features (supplied by company)	• TC/PC workflow/revenue split management enabled with digital pathology • configurable cloud solution that includes monthly enhancements

*based on December 2020 survey deadline
Note: a dash as an answer means company did not answer question or question is not applicable

†formerly PathCentral AP Anywhere, eTeleNext AP Anywhere

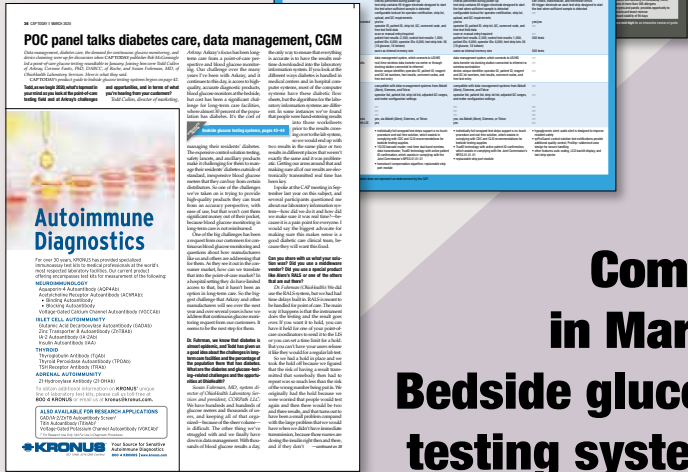All information is supplied by the companies listed. The tabulation does not represent an endorsement by the CAP.