

athenaPractice and athenaFlow 2015 Edition Certified Health IT Costs and Limitations athenaPractice and athenaFlow

Disclaimer: athenaPractice and athenaFlow are 2015 Edition compliant and have been certified by an ONC-ACB in accordance with the applicable certification criteria adopted by the Secretary of Health and Human Services. This certification does not represent an endorsement by the U.S. Department of Health and Human Services.

Vendor/Developer Name:	Virence Health Technology Services
Certified EHR Name:	athenaPractice (formerly Centricity Practice Solution) athenaFlow (formerly Centricity EMR)
Practice Type	ambulatory
Latest Version No:	athenaPractice v19 athenaFlow v19
CHPL Certification ID:	athenaPractice: 15.04.04.3039.Cent.19.02.1.181231 athenaFlow: 15.04.04.2902.Cent.18.02.1.180808
Latest Certification Date:	athenaPractice: Dec 31, 2018 athenaFlow: Aug 8, 2018
Certification Criteria:	<ol style="list-style-type: none"> 1. 170.315(a)(1): Computerized Provider Order Entry (CPOE) Medications 2. 170.315(a)(2): CPOE - Laboratory 3. 170.315(a)(3): CPOE - Diagnostic Imaging 4. 170.315(a)(4): Drug-Drug, Drug-Allergy Interaction Checks for CPOE 5. 170.315(a)(5): Demographics 6. 170.315(a)(6): Problem List 7. 170.315(a)(7): Medication List 8. 170.315(a)(8): Medication Allergy List 9. 170.315 (a)(9): Clinical Decision Support 10. 170.315(a)(10): Drug-Formulary and Preferred Drug List Checks 11. 170.315(a)(11): Smoking Status 12. 170.315(a)(12): Family Health History 13. 170.315(a)(13): Patient-Specific Education Resources 14. 170.315(a)(14): Implantable Device List 15. 170.315 (a)(15): Social, Psychological, and Behavioral Determinants Data 16. 170.315 (b)(1): Transitions of Care 17. 170.315(b)(2): Clinical Information Reconciliation and Incorporation 18. 170.315(b)(3): Electronic Prescribing 19. 170.315 (b)(4): Common Clinical Data Set Summary Record - Create 20. 170.315 (b)(5): Common Clinical Data Set Summary Record - Receive 21. 170.315 (b)(6): Data Export 22. 170.315 (b)(9): Care Plan 23. 170.315 (c)(1): Clinical Quality Measures – Record and Export 24. 170.315 (c)(2): Clinical Quality Measures – Import and Calculate 25. 170.315 (c)(3): Clinical Quality Measures – Report 26. 170.315(d)(1): Authentication, Access Control, Authorization 27. 170.315(d)(2): Auditable Events and Tamper-Resistance 28. 170.315(d)(3): Audit Report(s) 29. 170.315(d)(4): Amendments 30. 170.315(d)(5): Automatic Access Time-out 31. 170.315(d)(6): Emergency Access 32. 170.315(d)(7): End-User Device Encryption 33. 170.315(d)(8): Integrity 34. 170.315(d)(9): Trusted Connection 35. 170.315(d)(11): Accounting of Disclosures 36. 170.315 (e)(1): View, Download, and Transmit to 3rd Party 37. 170.315(e)(2): Secure Messaging 38. 170.315(e)(3): Patient Health Information Capture 39. 170.315 (f)(1): Transmission to Immunization Registries

	<p>40. 170.315 (f)(2): Transmission to Public Health Agencies - Syndromic Surveillance</p> <p>41. 170.315 (g)(2): Automated Measure Calculation</p> <p>42. 170.315(g)(3): Safety-Enhanced Design</p> <p>43. 170.315(g)(4): Quality Management System</p> <p>44. 170.315(g)(5): Accessibility-Centered Design</p> <p>45. 170.315(g)(6): Consolidated CDA Creation</p> <p>46. 170.315(g)(7): Application Access - Patient Selection</p> <p>47. 170.315 (g)(8): Application Access - Data Category Request</p> <p>48. 170.315 (g)(9): Application Access - All Data Request</p> <p>49. 170.315 (h)(1): Direct Project</p>
<p>Clinical Quality Measures:</p>	<ol style="list-style-type: none"> 1. CMS2: Preventive Care and Screening: Screening for Depression and Follow-Up Plan 2. CMS22: Preventive Care and Screening: Screening for High Blood Pressure and Follow-Up Documented 3. CMS50: Closing the Referral Loop: Receipt of Specialist Report 4. CMS56: Functional Status Assessment for Total Hip Replacement 5. CMS65: Hypertension: Improvement in Blood Pressure 6. CMS66: Functional Status Assessment for Knee Replacement 7. CMS68: Documentation of Current Medications in the Medical Record 8. CMS69: Preventive Care and Screening: Body Mass Index (BMI) Screening and Follow-Up Plan 9. CMS90: Functional Status Assessment for Congestive Heart Failure 10. CMS117: Childhood Immunization Status 11. CMS122: Diabetes: Hemoglobin A1c (HbA1c) Poor Control (> 9 12. CMS123: Diabetes: Foot Exam 13. CMS124: Cervical Cancer Screening 14. CMS125: Breast Cancer Screening 15. CMS127: Pneumococcal Vaccination Status for Older Adults 16. CMS130: Colorectal Cancer Screening 17. CMS131: Diabetes: Eye Exam 18. CMS134: Diabetes: Medical Attention for Nephropathy 19. CMS135: Heart Failure (HF): Angiotensin-Converting Enzyme (ACE) Inhibitor or Angiotensin Receptor Blocker (ARB) Therapy for Left Ventricular Systolic Dysfunction (LVSD) 20. CMS136: ADHD: Follow-Up Care for Children Prescribed Attention-Deficit/Hyperactivity Disorder (ADHD) Medication 21. CMS137: Initiation and Engagement of Alcohol and Other Drug Dependence Treatment 22. CMS138: Preventive Care and Screening: Tobacco Use: Screening and Cessation Intervention 23. CMS139: Falls: Screening for Future Fall Risk 24. CMS142: Diabetic Retinopathy: Communication with the Physician Managing Ongoing Diabetes Care 25. CMS144: Heart Failure (HF): Beta-Blocker Therapy for Left Ventricular Systolic Dysfunction (LVSD) 26. CMS145: Coronary Artery Disease (CAD): Beta-Blocker Therapy-Prior Myocardial Infarction (MI) or Left Ventricular Systolic Dysfunction (LVEF <40%) 27. CMS146: Appropriate Testing for Children with Pharyngitis 28. CMS147: Preventive Care and Screening: Influenza Immunization 29. CMS149: Dementia: Cognitive Assessment 30. CMS153: Chlamydia Screening for Women 31. CMS154: Appropriate Treatment for Children with Upper Respiratory Infection (URI) 32. CMS155: Weight Assessment and Counseling for Nutrition and Physical Activity for Children and Adolescents 33. CMS156: Use of High-Risk Medications in the Elderly 34. CMS158: Pregnant women that had HBsAg testing 35. CMS159: Depression Remission at Twelve Months

	<p>36. CMS160: Depression Utilization of the PHQ-9 Tool</p> <p>37. CMS164: Ischemic Vascular Disease (IVD): Use of Aspirin or Another Antiplatelet</p> <p>38. CMS165: Controlling High Blood Pressure</p> <p>39. CMS166: Use of Imaging Studies for Low Back Pain</p> <p>CMS169: Bipolar Disorder and Major Depression: Appraisal for alcohol or chemical substance use</p> <p>40. CMS169: Bipolar Disorder and Major Depression: Appraisal for alcohol or chemical substance use</p>
Relied Upon Software:	<p>EZAccess Patient Portal</p> <p>Medfusion Patient Portal</p> <p>Surescripts Clinical Direct Messaging</p> <p>Centricity Clinical Messaging</p> <p>Centricity Patient Portal</p> <p>Centricity Patient Online Portal</p>

There will be one-time costs to support installation and implementation of certified capabilities for all new customers. These costs will be based on several factors, including the use of virtual vs. physical workstations executing the application; the level of support provided by local IT vs. utilization of Virence Health Technologies Services; and the type and quantity of external interfaces to third-party systems, and clinical Registries. These details and specifics will be included in each individual customer's contractual agreement with Virence Health Technologies. Additionally, annual support and maintenance costs will apply, and are based on each individual customer's contractual agreement with Virence Health Technologies, and will vary based on the number of users and complexity of the installation (e.g. number of databases).

Costs and Limitations										
Capability	Description of capability	athenaPractice	athenaFlow	Types of Costs or Fees to be paid by a provider for the capability	Additional Types of Costs or Fees		Limitations (Contractual / Business Practices)		Limitations (Technical / Practical)	
					Additional types of costs or fees that a user may be required to pay to purchase, license, implement, maintain, upgrade, use, or otherwise enable and support the use of:		Limitations of a contractual nature (including developer policies and other business practices) that a user may encounter:		Limitations of a technical, technological or practical nature that a user may encounter that could:	
					> the capability.	> any data generated in the course of using the capability.	> in the implementation or use of the capability.	> in connection with the data generated in the course of using the capability.	> prevent or impair the successful implementation, configuration, customization, maintenance, support, or use of the capability.	> prevent or limit the use, exchange, or portability of any data generated in the course of using the capability.
Demographics (170.315.a.5)	The basic functionality includes the ability to record patient specific data, such as name, date of birth, sex, race, ethnicity, and preferred language.	X	X	Annual support and maintenance costs included in the individual customer's contractual agreement as described above.	These data can also be electronically transferred from another system; if this option is used, one-time interface configuration costs, and an annual maintenance fee will apply. A custom, non-HIT message might incur a greater initial cost.	None	None	None	None	None
Image Results (170.315.a.3)	This feature provides electronic access to a patient's diagnostic images and narrative interpretations.	X	X	One-time interface configuration costs, and an annual maintenance fee will apply.	None	None	None	None	The Radiology Information System and Picture Archiving and Communication System used must support interfaces.	None
Transitions of Care / referral summaries (170.315.b.1-2)	This feature supports the creation and transmission of Summary of Care documents as well as the receipt of those documents, to be exchanged during a Transition of Care/Referral.	X	X	We support a variety of transmission methods, including Secure Messaging, and direct automated interfaces. A combination of one-time product and implementation costs, and an annual maintenance fee will apply, depending on the method chosen. Secure Messaging is our baseline, certified method; additional fees will be associated with more automated solutions, and are dependent on the 3 rd party vendor the customer selects.	None	None	None	None	If Centricity Secure Messenger is used as the electronic transport method, only the Surescripts HISP is supported. Customers will be limited to exchange with other HISPs according to Surescripts agreements.	None
Incorporate Laboratory Tests and Values Results (170.315.a.2)	This feature allows electronic receipt of laboratory results, in a structured format, that can be incorporated into the patient record, and can also be displayed in a human readable format.	X	X	One-time interface configuration costs, and an annual maintenance fee will apply.	If more than one source of laboratory results is required, and their message formats are incompatible, additional configuration and maintenance costs would apply.	None	None	None	Interface message formats other than those used for certification, would generally incur a greater initial interface configuration cost.	None
Clinical Quality Measures (170.315.c.1-3)	Support for gathering data, calculating, and reporting Clinical Quality Measures in support of various Medicare/Medicaid incentive programs. The specific measures supported are listed in the certification details above.	X	X	One-time interface configuration costs, and an annual maintenance fee will apply for the Qvera Interface Engine.	None	None	Our reporting module "Clinical Quality Reporting" requires the Qvera Interface Engine.	None	None	None
Transmission to Immunization Registries and Public Health Agencies - Syndromic Surveillance (170.315.f.1,2)	Collects the required data, creates a standards-based message, and transmits the message to a Public Health Agency.	X	X	One-time interface configuration costs, and an annual maintenance fee will apply.	None	None	None	None	If the Public Health Agency requires a message format different from that required for certification, a greater initial interface configuration cost will be incurred.	None
Automated Measure Calculation (170.315.g.2)	Support for gathering data, calculating, and reporting measures associated with the use	X	X	One-time interface configuration costs, and an annual maintenance	None	None	Our reporting module "Clinical Quality Reporting" requires the Qvera Interface Engine.	None	None	None

	of Certified Electronic Healthcare Technology, in support of various Medicare/Medicaid incentive programs. The specific measures supported are listed in the certification details above.			fee will apply for the Qvera Interface Engine.						
Report Specific Cases to Specialized Registry	Support for gathering data, calculating, and reporting to various Specialized Registries	X	X	The Registries and data requirements supported by this criterion can vary widely and would therefore be custom development. Costs and fees may include any combination of: Analysis of requirements, custom workflows and forms to collect specialized data, generation of messages according to the Registries requirements, and custom transmission methods based on the Registries requirements.	Because this would be a custom module based on individual customer requirements, individual support costs may be incurred.	None	This is not a certifiable criterion; it is custom by definition, and may or may not be supportable by the products.	None	The Registry must provide their requirements for data and message format, and have a method to receive the messages.	None
Clinical Decision Support (170.315.a.9)	Provides evidence-based clinical decision support at relevant points during patient care.	X	X	Annual support and maintenance costs included in the individual customer's contractual agreement as described above.	In addition to Clinical Decision Support included in the core product, such as Drug-Drug, Drug-Allergy screening, and rule based interventions embedded in common workflows; additional support such as InfoButton-based clinical references and 3 rd party forms supporting specialty workflows with intervention rules are available at an additional cost.	None	None	None	InfoButton-based clinical references can be obtained from a variety of vendors, as long as the output returned is in standard HTML format.	None
Patient-Specific Education Resources (170.315.a.13)	Provides patient specific education materials, using an InfoButton, based on Medications, Problems, and Laboratory test values.	X	X	Annual support and maintenance costs included in the individual customer's contractual agreement as described above.	Full capability is provided as a component of the base system; however, the InfoButton will also support for 3 rd party vendors if the customer chooses, but will be subject to any costs or fees charged by the 3 rd party.	None	The patient-specific Education provided with the base system is Care Notes from Truven Health Analytics.	None	InfoButton-based clinical references can be obtained from a variety of vendors, as long as the output returned is in standard HTML format.	None
View, Download, and Transmit to a 3rd Party (170.315.e.1)	This functionality allows a patient or their authorized representative, to use a secure Portal account to view a summary version of their medical history. They can also download the summary to a file or transmit that file to a 3 rd party.	X	X	If using either Centricity Patient Portal, or Centricity Patient On Line, there will be annual support and maintenance costs included in the individual customer's contractual agreement.	Various other 3 rd party providers of Portals can be used to satisfy this criterion. If those are used, the customer will be subject to costs or fees charged by those 3 rd parties.	None	None	None	None	If a 3 rd party vendor is used for this capability, they will need to use the Virence Health Technologies web services provided to update the Automated Measures and tables, if they rely on Virence Health Technologies's Clinical Quality Reporting.
Secure Messaging (170.315.e.2)	Enable providers and patients to exchange secure electronic messages	X	X	If using Centricity Secure Messenger, there will be annual support and maintenance costs included in the individual customer's contractual agreement.	Various other 3 rd party providers of Secure Messaging can be used to satisfy this criterion. If those are used, the customer will be subject to costs or fees charged by those 3 rd parties.	None	None	None	None	If a 3 rd party vendor is used for this capability, they will need to use the Virence Health Technologies web services provided to update the Automated Measures and tables, if they rely on Virence Health Technologies's Clinical Quality Reporting.
Application Access (170.315.g.7-9)	Standards-based FHIR APIs that can be deployed by an organization to enable exchange of clinical data with provider- and patient-facing applications.	X	X	Patient-facing FHIR APIs required for certification are included in licensing and do not require a separate agreement or cost.	None	None	Public API specifications, terms of use, and development guidelines are available on the Virence Health Technologies Centricity Developers Portal https://mydevcenter.vhcnh.com/home	In general, web services subscriptions other than the patient-facing FHIR APIs required for certification (including software licensing and maintenance) are usage based. Usage is determined by the number of connected applications, APIs used, and volume of calls. In some cases, APIs may be licensed by third party vendors for use in their products.	Public API specifications, terms of use, and development guidelines are available on the Virence Health Technologies Centricity Developers Portal: https://mydevcenter.vhcnh.com/home	Data access is limited to the currently available set of APIs supporting the Common Clinical Data Set.