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This Complete EHR is 2014 Edition compliant and has 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.

<b>Vendor:</b>	Cantata Health LLC
<b>Product Name:</b>	Optimum
<b>Product Version:</b>	3.2
<b>Date Certified:</b>	10/7/2013
<b>Effective Date:</b>	2014 Edition
<b>Certification ID No.:</b>	130084R00
<b>Certified By:</b>	ICSA Labs
<b>Criteria Certified:</b>	170.314 (a)(1-17); (b)(1-7); (c)(1-3); (d)(1-9); (e)(1); (f)(1-4); (g)(2-4)
<b>Modules Tested:</b>	170.314 (a)(1-17); (b)(1-7); (c)(1-3); (d)(1-9); (e)(1); (f)(1-4); (g)(2-4)
<b>Clinical Quality Measures Certified:</b>	9v2; 26v1; 30v3; 31v2; 32v3; 53v2; 55v2; 60v2; 71v3; 72v2; 73v2; 91v3; 100v2; 102v2; 104v2; 105v2; 107v2; 108v2; 109v2; 110v2; 111v2; 113v2; 114v2; 185v2; 190v2
<b>Additional Software Used:</b>	DrFirst, Intehealth, First Data Bank, Dynamic Health IT, Exitcare (optional)
<b>Additional Types of Costs:</b>	Software License/Implementation Fees for CPOE and eMAR (if client does not currently have in contract). Subscription service for ePrescribe/Implementation Fees (if client selects as a menu option). Software License/Implementation Fees for Patient Portal. Optional Consulting packages for installing MU2 modifications
<b>Limitations:</b>	<a href="#">View the complete list of Optimum ONC health IT limitations.</a>

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**Vendor:** Intehealth, Inc.  
**Product Name:** InteHealth Inpatient Patient and Physician Portal 2014 Certified  
**Product Version:** 3.2  
**Date Certified:** 12/18/2013  
**Effective Date:** 2014 Edition  
**Certification ID No.:** 130109R00  
**Certified By:** ICSA Labs  
**Criteria Certified:** 2014 Edition Modular EHR Inpatient and Ambulatory ONC Health IT Certification  
**Modules Tested:** 170.314 (e) (1) View, Download, and Transmit to 3rd Party, 170.314 (g)(2) Automated Measure Calculation  
**Clinical Quality Measures Certified:** N/A  
**Additional Software Used:** UpDox  
**Additional Types of Costs:** None  
**Limitations:** None

**Vendor:** Intehealth, Inc.  
**Product Name:** InteHealth Ambulatory Patient and Physician Portal 2014 Certified  
**Product Version:** 3.2  
**Date Certified:** 12/18/2013  
**Effective Date:** 2014 Edition  
**Certification ID No.:** 130108R00  
**Certified By:** ICSA Labs  
**Criteria Certified:** 2014 Edition Modular EHR Inpatient and Ambulatory ONC Health IT Certification  
**Modules Tested:** 170.314 (e) (1) View, Download, and Transmit to 3rd Party, 170.314 (g)(2) Automated Measure Calculation  
**Clinical Quality Measures Certified:** N/A  
**Additional Software Used:** UpDox  
**Additional Types of Costs:** None  
**Limitations:** None

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## Understanding Optimum's Total Cost of Ownership

In compliance with the Office of the National Coordinator for Health Information Technology (ONC), Cantata Health provides the following Price Transparency disclosure:

Cantata Health's Optimum suite requires certain hardware, third-party software, services, and licenses to support the ONC Health IT Certified product, which may have costs in addition to the cost of the QCPR software, maintenance, and services contract.

- Hardware needs (e.g., work stations, servers, printers, barcode scanners) are client-specific one-time costs.
- Third-party software includes system infrastructure (e.g., operating systems, database applications, word processing, spreadsheets needed to store, retrieve, visualize, sort and print), which are typically one-time charges.
- Third-party services and software licenses include e-prescribing, drug and clinical knowledge systems (for drug-drug/drug-allergy checks, clinical decision support, patient and clinical information knowledge base services); ISP or HISP connectivity to support secure patient connectivity (VDT, secure messaging) and external reporting to public health; registries or labs; code sets like ICD and CPT; and clinical terminology maps. All of these typically are on-going fees.
- There may be one-time service fees for interfaces with non-standard applications (e.g., laboratories, registries, local HISPS, HIEs, or non-QCPR secure messaging systems).

Purchase of Optimum requires a contract and annual license fees. There also may be one-time fees for special local configurations, custom installation, support, or additional training.

As listed on the [ONC Certified Health IT Product List \(CHPL\)](#), the ONC Health IT Certified Optimum version 3.2 (complete EHR for Eligible Hospitals) requires the following third-party components:

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# Optimum ONC Health IT Costs and Limitations

Capability and Requirements Description	Description of Capability	Costs or Fees	Contractual or Other Limitations	Technical or Practical Limitations
<p>OPTIMUM’s Inpatient Electronic Health Record 2014 Edition criteria applicable:</p> <p>170.314(a)(1-17); b)(1-4, 5b, 6-7); (c)(1-3); (d)(1-9); (e)(1); (f)(1-4); (g)(2-4)</p> <p>InteHealth’s Inpatient and Ambulatory Modular 2014 Edition Patient and Physician Portal criteria applicable:</p> <p>170.314 (e) (1) View, Download, and Transmit to 3rd Party, 170.314 (g)(2) Automated Measure Calculation</p>	<p>The OPTIMUM EHR provides a longitudinal electronic record of patient health information produced by encounters in one or more care settings anywhere along the continuum of care; including, but not limited to: patient demographics and Advanced Directives, progress notes, CPOE, problem lists, medication lists, medication allergy lists, vital signs, past medical and family history, smoking status, immunizations, laboratory data, and radiology reports and images. The OPTIMUM EHR also includes extensive clinical decision support for drug-drug, drug-allergy and drug-formulary services. The OPTIMUM EHR also includes bedside medication verification and electronic medication administration record, as well as electronic prescribing. OPTIMUM's Interoperability solutions also provides the ability to generate, export, as well as incorporate CCDAs for Transitions of Care, and supports Public Health Reporting for Surveillance, Immunizations and Laboratory requirements. With OPTIMUM's Data Repository, built-in logic for calculating numerators and denominators and generating patient lists that can be created and sorted by variable attributes. Data Repository also supports clinical quality measures based on data from the EHR and can be exported in QRDA I and QRDA III formats. OPTIMUM's Patient Portal enables consumers, (patients) and their approved family to view download and transmit their Care Summary, and give the consumers the ability to securely message their physician.</p>	<p><b>Server Components (associated with one-time fees and client responsibility)</b></p> <ul style="list-style-type: none"> <li>• IBM AIX</li> <li>• C Compiler for AIX</li> <li>• Windows Server</li> <li>• Microsoft SQL Server Management Studio</li> <li>• DB2 for data storage</li> <li>• WebSphere for calls to DB2</li> <li>• Java for the business logic and user interface</li> </ul> <p><b>Workstation Components (associated with one-time fees and client responsibility)</b></p> <ul style="list-style-type: none"> <li>• Windows</li> <li>• Microsoft Internet Explorer</li> </ul> <p><b>Additional Third-Party Software Components (licensed by Cantata Health and packaged and delivered with Optimum with no additional license fees for Optimum clients)</b></p> <ul style="list-style-type: none"> <li>• Enterprise CyberQuery (eCQ)</li> </ul> <p>Only customers who request application modifications may incur additional costs to support product customization.</p>	<p>No limitations for this product</p>	<p>We do not provide hardware and this is required to be purchased from a third party. We do certify specific SAN’s that run in our environment so organizations must choose from specific third party vendors in that regard.</p>

Capability and Requirements Description	Description of Capability	Costs or Fees	Contractual or Other Limitations	Technical or Practical Limitations
<b>Formulary Service Vendor [Relevant certification criteria: 170.314.a.2, 170.314.a.6, 170.314.a.7, 170.314.a.8, 170.314.a.10]</b>	Provides content for drug databases, clinical decision support, drug interactions, and monograph information. FDB (First Databank) FDB supplies OPTIMUM customers with the dictionaries which define drug interactions and monograph information required for using OPTIMUM's Pharmacy solution. FDB's drug monographs, available at the point of medication administration, offer valuable information about medications, facilitating clinician learning, and patient education. Medication orders are checked against the patient's' active medication profile in OPTIMUM, using the FDB drug knowledge database.	Individual contract and associated fees – such as a subscription- based payment schedule, which are determined by the Formulary Service Vendor	Formulary Service Vendor contracts with organizations individually	Monthly batch update must be maintained to keep the formulary content up to date
<b>DrFirst to support ePrescribing [Relevant certification criteria: 170.314.b.3]</b>	DrFirst OPTIMUM's e-Prescribing functionality plays a critical role in our customers' medication management process by providing a single point of connectivity for a secure exchange of patient information between a wide range of providers, payers, pharmacy benefit managers, and pharmacies.	A one-time implementation service and license fee applies. Recurring monthly maintenance fees apply based upon the number of subscribing providers	DrFirst contracts with organizations individually	Internet connectivity is required to be able to submit prescriptions as well as middleware server requirement
<b>Patient Discharge Instructions Content Provider [Relevant certification criteria: 170.314.a.15]</b>	<p>Patient discharge instructions provide organizations with evidence-based patient education information and patient discharge instructions to ensure ready access to evidence-based, medically accurate information.</p> <p>ExitCare ExitCare--an Elsevier Company--is an integrated, enterprise-wide provider of print, video, and interactive solutions for patient education and discharge instructions. With thousands of health topics organized by relevant diagnosis and sourced with medication information, the ExitCare product suite is intuitively designed for all care settings and includes multiple languages and various health literacy levels to maximize workflow efficiency, reduce hospital readmissions, and increase patient understanding of their conditions.</p>	Contract and any associated fees are determined by the Content Provider. Typically this is a subscription-based payment schedule	Must execute agreement with one of the content providers. Contract with ExitCare individually	Additional hardware for the content is required to support integration with OPTIMUM software. Quarterly batch update must be maintained to keep the formulary content up to date

Capability and Requirements Description	Description of Capability	Costs or Fees	Contractual or Other Limitations	Technical or Practical Limitations
<b>PACS System for Image Results [Relevant certification criteria: 170.314.a.12]</b>	A PACS solution is needed to view image results within the EHR.	Individual contract with PACS solution provider and associated OPTIMUM interface fees apply.	No limitations	Additional hardware for PACS is required
<b>Transition of Care [Relevant certification criteria: 170.314.b.1, 170.314.b.2]</b>	Enables OPTIMUM to send and receive Care Summaries for Transitions of Care through a Direct connection. Enables system users to upload data from the Care Summary into the OPTIMUM solution	The system uses a third party HISP, UpDox. The platform is designed to incorporate other HISPs into the product. Direct Messaging requires a site to create a Subdomain. All fees are included in the purchase of the system	No limitations	No Limitations
<b>Transmission of Electronic Laboratory Tests and Values / Results to Ambulatory Providers [Relevant certification criteria: 170.314.b.6]</b>	Allows the transmission of Laboratory results to other vendor ambulatory EHRs	The OPTIMUM Outbound Laboratory Interface requires a license, a one-time implementation with recurring monthly maintenance fees apply. Monthly maintenance fees are flat fees	No limitations	No technical or practical limitations
<b>View, Download, and Transmit to 3rd Party [Relevant certification criteria: 170.314.e.1]</b>	The OPTIMUM EHR with Patient Portal provides patients timely access to view, download and transmit their health information as well as send messages to their physician via Direct	If a Customer chooses a different Patient Portal, additional fees. Client will need Excel for (e1) reporting.	No limitations	No Limitations
<b>Transmission to Immunization Registries [Relevant certification criteria: 170.314.f.2]</b>	The OPTIMUM EHR is able to electronically create immunization information for electronic transmission to state immunization registries	A one-time implementation fee with recurring monthly maintenance fee apply for the OPTIMUM Immunization interface. Additional fees may apply to meeting state registry requirements that are not consistent with ONC certification requirements	No limitations	No technical or practical limitations

Capability and Requirements Description	Description of Capability	Costs or Fees	Contractual or Other Limitations	Technical or Practical Limitations
<b>Transmission to Public Health Agencies – Syndromic Surveillance</b> [Relevant certification criteria: 170.314.f.3]	The OPTIMUM EHR electronically creates syndrome-based public health surveillance information for electronic transmission to registries	A one-time implementation fee with recurring monthly maintenance fee apply for the OPTIMUM Syndromic Surveillance interface. Additional fees may apply to meet state registry requirements that are not consistent with ONC certification requirements. Any additional requirements imposed by local, state or federal registries	No limitations	No technical or practical limitations
<b>Transmission of Reportable Laboratory Tests and Values / Results</b> [Relevant certification criteria: 170.314.f.4]	The OPTIMUM EHR is able to electronically create reportable laboratory tests and values/results for electronic transmission to local, state and federal registries.	A one-time implementation fee with recurring monthly maintenance fee apply for the OPTIMUM ELR interface. Additional fees may apply to meeting state registry requirements that are not consistent with ONC certification requirements. Any additional requirements imposed by local, state or federal registries	No limitations	No technical or practical limitations
<b>Electronic Clinical Quality Measures (eCQMs)</b> [Relevant certification criteria: 170.314.c.1-3]	Dynamic Health IT (DHIT) provides CQMsolution® which is their modularly-certified bolt-on software product for clinical quality reporting. This software is a user-friendly web-browser-based application for calculating, displaying and generating clinical quality measures. Optimum will still be utilized as your tool for gathering and amassing the data needed for CMS and CQM’s. Dynamic Health IT will provide the data aggregation and reporting needed to satisfy CMS’s (EHR and/or IQR) requirements going forward. The DHIT software once installed at your site will pull data from Optimum and perform the appropriate calculations to report clinical quality measures and generate QRDA I’s and III’s. The reporting functionality of the system does allow users to drill down and identify where specific patients may have fallen out of a measure. Dynamic Health IT is also an ORYX-certified vendor for The Joint Commission. You have the option to also utilize Optimum and CQMsolution© to submit electronic Clinical Quality Measures (eCQMs) to Oryx.	There is an annual fee required by Optimum to integrate with DHIT and associated implementation fees.	DHIT Integration costs and associated implementation fees are contracted with Cantata Health directly. Customers can optionally also interface eCQMs to Oryx for an additional fee.	No technical or practical limitations