

VertexDr

ROADMAP TO INNOVATION

MAY 3, 2018 | VERTEXDR CLIENT FORUM

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a MERIDIAN MEDICAL MANAGEMENT company

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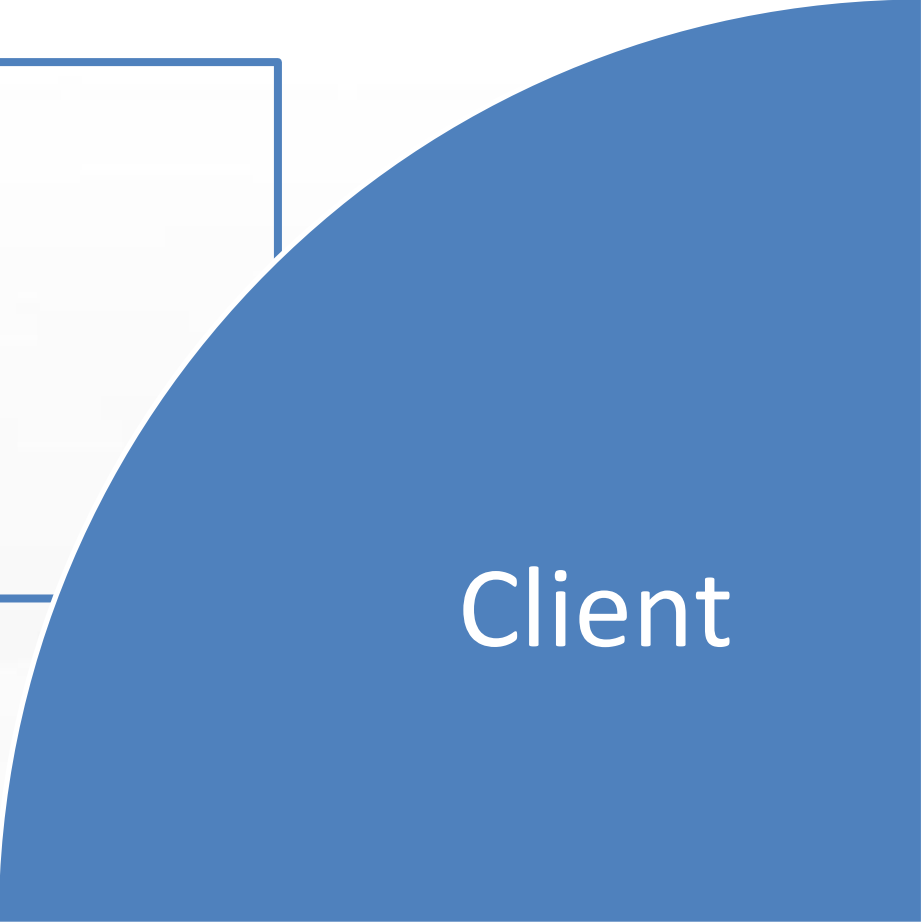


Please silence or turn off all
electronic devices at this time.

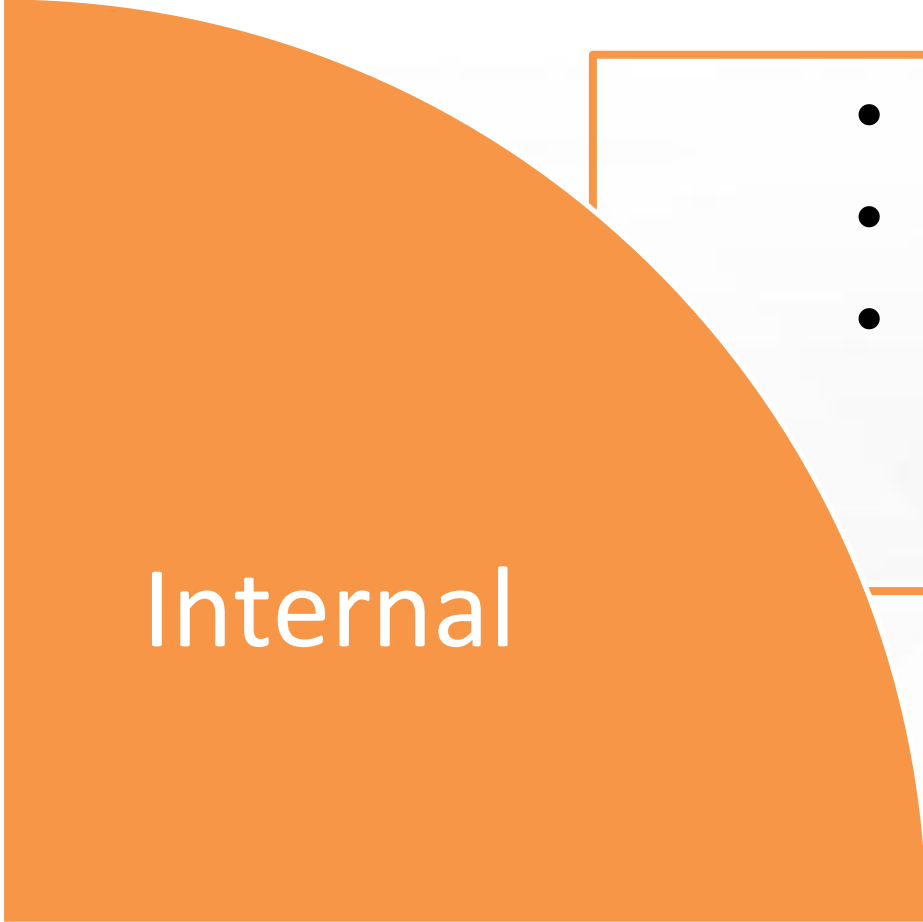
THANK YOU

Enhancement Planning

- Mtrak
- User Groups
- Beta Testing



- Workflow Automation
- Process Improvements
- Associate Suggestions



- Industry Trends
- Technological Advances
- Upgrades
- Vendor Changes



- MIPS/ MACRA
- EPCS
- Certification
- Format Changes



Development Cycle



2015 EHR Certification

- Redesigned to meet the stringent requirements for participation in the next round of the Meaningful Use Incentive program
- Complex requirements including but not limited to:
 - Additional demographic data field requirements
 - Updated SNOMED codes for patient problem lists
 - Clinical Quality Measure Import Export and Calculate
 - A new area in patient chart to document implanted devices
 - Stage 3 and ACI reporting
 - A new FHIR interface for viewing clinical information by third parties
 - Updated standards to the continuity of care document (CCDA)
 - Expanded capabilities to incorporate more information from CCDA's
 - Additional resources for patient education
 - Enhanced electronic transitions of care
 - Support additional E-Rx Transactions: Change, Cancel, Fill



Cypress Testing

Dashboard Vendor: Meridian 3/9/2018 Product: All Prof ECQMs

All Prof ECQMs Edit Product Download Report

C1		C2		C3			C4	
Sample	QRDA-I	QRDA-III	Sample	QRDA-I	QRDA-III	QRDA-I	QRDA-III	
				55	55			

0 Passing Tests
 0 Failing Tests
 110 Not started Tests

Download Full Test Deck

This download contains a folder for each measure selected for this product. Inside these folders are XML documents for each patient associated with that measure.

Download All Patients (.zip)

C3 (QRDA-I) C3 (QRDA-III)

Test the EHR system's ability to record and export (C1) and submit (C3) measure based data.

CMS ID	Measure Name	C3 Results	Quick Upload	Last Updated
CMS2v7	Preventive Care and Screening: Screening for Depression and Follow-Up Plan	<input type="radio"/> Not Started	upload	on Mar 21
CMS22v6	Preventive Care and Screening: Screening for High Blood Pressure and Follow-Up Documented	<input type="radio"/> Not Started	upload	on Mar 21
CMS50v6	Closing the Referral Loop: Receipt of Specialist Report	<input type="radio"/> Not Started	upload	on Mar 21
CMS52v6	HIV/AIDS: Pneumocystis Jiroveci Pneumonia (PCP) Prophylaxis	<input type="radio"/> Not Started	upload	on Mar 21
CMS56v6	Functional Status Assessment for Total Hip Replacement	<input type="radio"/> Not Started	upload	on Mar 21
CMS65v7	Hypertension: Improvement in Blood Pressure	<input type="radio"/> Not Started	upload	on Mar 21
CMS66v6	Functional Status Assessment for Total Knee Replacement	<input type="radio"/> Not Started	upload	on Mar 21
CMS68v7	Documentation of Current Medications in the Medical Record	<input type="radio"/> Not Started	upload	on Mar 21
CMS69v6	Preventive Care and Screening: Body Mass Index (BMI) Screening and Follow-Up Plan	<input type="radio"/> Not Started	upload	on Mar 21

cypress 3.2.3 Dashboard Master Patient List Validation Utility angelo.perrotta@m... Admin Log Out

Dashboard Vendor: Meridian 3/9/2018 Product: CMS2v7

CMS2v7 Edit Product Download Report

C1		C2		C3			C4	
Sample	QRDA-I	QRDA-III	Sample	QRDA-I	QRDA-III	QRDA-I	QRDA-III	
2	1	1	2	1	1			

8 Passing Tests
 0 Failing Tests
 0 Not started Tests

Download Full Test Deck

This download contains a folder for each measure selected for this product. Inside these folders are XML documents for each patient associated with that measure.

Download All Patients (.zip)

C1 + C3 Sample C1 + C3 (QRDA-I) C2 + C3 (QRDA-III)

Validate the EHR system for C1 and C3 certifications by entering specified patient data for the following measures.

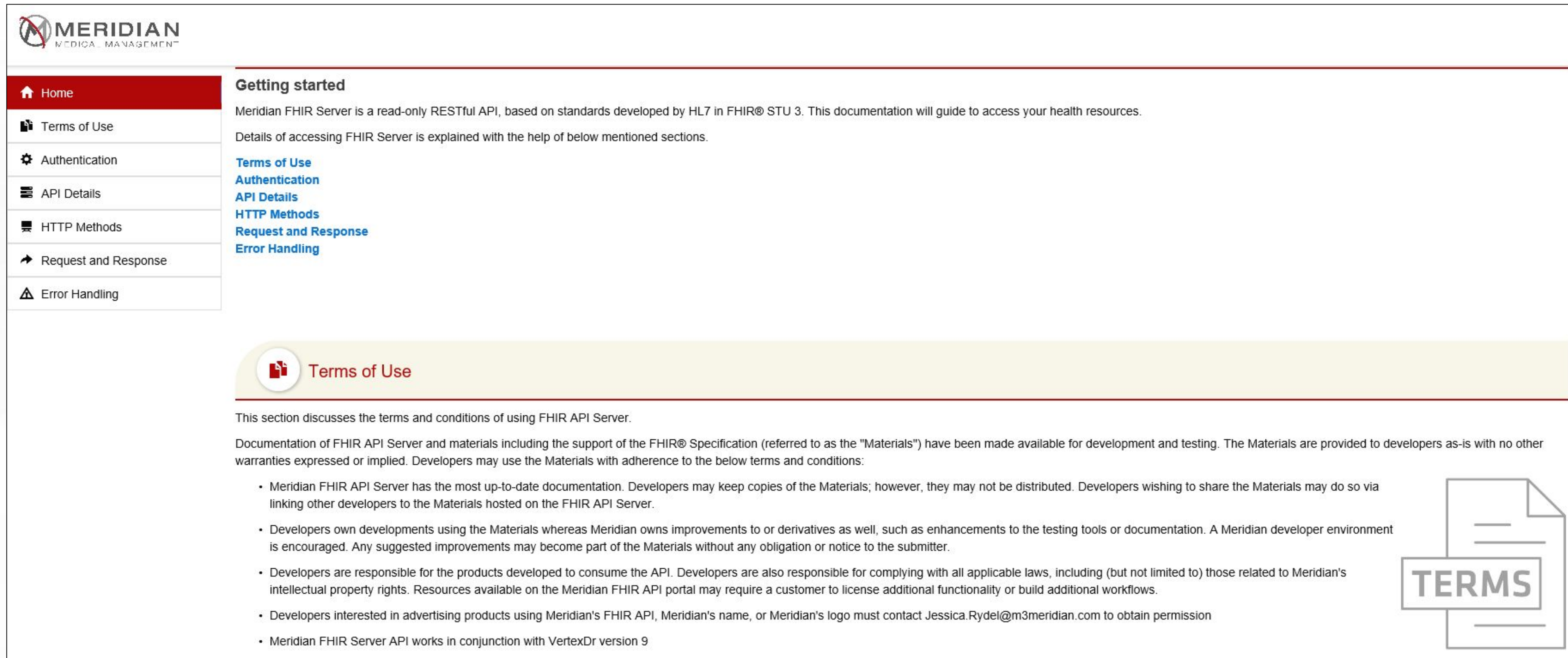
View Record Sample

Upload Results	C1 Upload Results	C3 Upload Results	Status
View Results	<input checked="" type="checkbox"/> Passed	<input checked="" type="checkbox"/> Passed	<input checked="" type="checkbox"/> Passing

Data Criteria Verification

	Status
CMS2v7 Preventive Care and Screening: Screening for Depression and Follow-Up Plan	<input checked="" type="checkbox"/> Passing

FHIR API Server



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- Home
- Terms of Use
- Authentication
- API Details
- HTTP Methods
- Request and Response
- Error Handling

Getting started

Meridian FHIR Server is a read-only RESTful API, based on standards developed by HL7 in FHIR® STU 3. This documentation will guide to access your health resources.

Details of accessing FHIR Server is explained with the help of below mentioned sections.


- [Terms of Use](#)
- [Authentication](#)
- [API Details](#)
- [HTTP Methods](#)
- [Request and Response](#)
- [Error Handling](#)

Terms of Use

This section discusses the terms and conditions of using FHIR API Server.

Documentation of FHIR API Server and materials including the support of the FHIR® Specification (referred to as the "Materials") have been made available for development and testing. The Materials are provided to developers as-is with no other warranties expressed or implied. Developers may use the Materials with adherence to the below terms and conditions:

- Meridian FHIR API Server has the most up-to-date documentation. Developers may keep copies of the Materials; however, they may not be distributed. Developers wishing to share the Materials may do so via linking other developers to the Materials hosted on the FHIR API Server.
- Developers own developments using the Materials whereas Meridian owns improvements to or derivatives as well, such as enhancements to the testing tools or documentation. A Meridian developer environment is encouraged. Any suggested improvements may become part of the Materials without any obligation or notice to the submitter.
- Developers are responsible for the products developed to consume the API. Developers are also responsible for complying with all applicable laws, including (but not limited to) those related to Meridian's intellectual property rights. Resources available on the Meridian FHIR API portal may require a customer to license additional functionality or build additional workflows.
- Developers interested in advertising products using Meridian's FHIR API, Meridian's name, or Meridian's logo must contact Jessica.Rydel@m3meridian.com to obtain permission
- Meridian FHIR Server API works in conjunction with VertexDr version 9



FHIR API Server Mapping

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Home
Terms of Use
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Meridian FHIR API server maps Individual Data Categories from Common Clinical Dataset to FHIR resources

Common Clinical Dataset	FHIR Resource	Resource Reference Documentation
Patient Demographics including Race/Ethnicity	Patient	<p>Required Search Parameter: Patient</p> <p>Optional Search Parameter: NIL</p> <p>Description: This is method is used to access patient resource.</p> <p>URL Syntax: GET [base_url]/Fhir/Patient/_search?Patient=[id], GET [base_url]/Fhir/Patient/[id]</p> <p>Example: GET https://[base_url]/Fhir/Patient/_search?Patient=1, GET https://[base_url]/Fhir/Patient/1</p> <p>Return Type: JSON or XML</p> <p>JSON Result:</p> <pre>{ "resourceType": "Patient", "id": "1", "extension": [{ "url": "http://hl7.org/fhir/StructureDefinition/us-core-race", "extension": [{ "url": "detailed", "valueCoding": { "code": "2106-3", "display": "White" } }] }], { "url": "http://hl7.org/fhir/us/core/StructureDefinition/us-core-ethnicity", "extension": [{ "url": "detailed", "valueCoding": { </pre>

2015 Edition Products

Certified Health IT Product List

API Information for 2015 Edition Products

This list includes all health IT products that have been certified to at least one of the following API Criteria:

- §170.315 (g)(7): Application Access - Patient Selection
- §170.315 (g)(8): Application Access - Data Category
- §170.315 (g)(9): Application Access - All Data Request

The Mandatory Disclosures URL is also provided for each health IT product in this list. This is a hyperlink to a page on the developer's official website that provides in plain language information about the product.

Please note that by default, only listings that are active or suspended are shown in the search results.

Search by Developer, Product, Version, or CHPL ID Certification Status ▼

1 - 50 of 144 Results

Previous 1 2 3 Next

Number of 2014 Certified EHR Software: 2500

Number of 2015 Certified EHR Software: 144

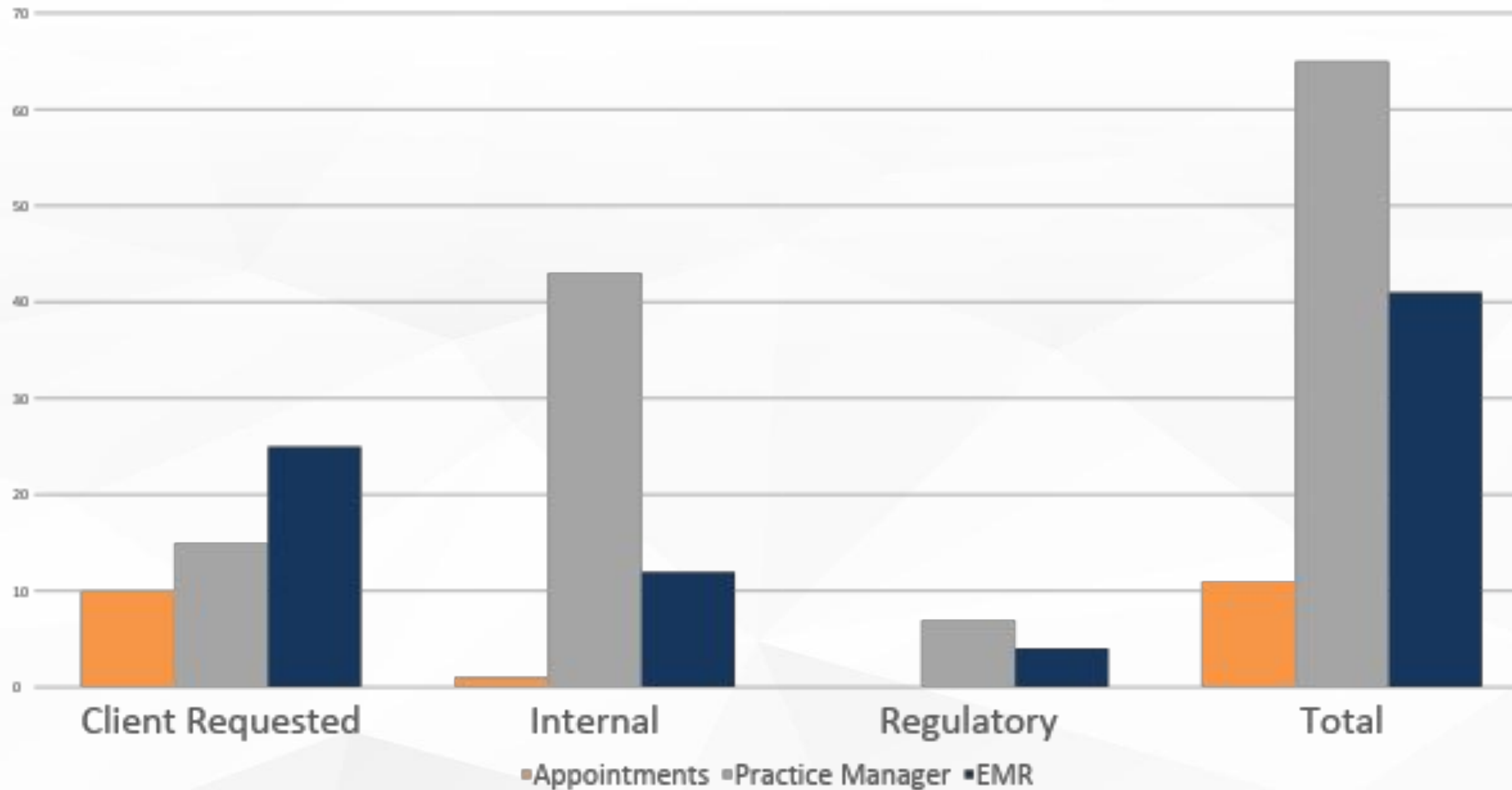


2015 Edition Criteria

2014E Ref.	2015E Ref.	Name	Potential For CMS	Complexity	Testing
314.a.1 / a.18	a.1	CPOE-Medication	YES ¹	LOW	WAVE 4
314.a.1 / a.19	a.2	CPOE-Laboratory	YES ¹	LOW	WAVE 4
314.a.1 / a.20	a.3	CPOE-Imaging	YES ¹	LOW	WAVE 4
314.a.2	a.4	Drug-drug, Drug-allergy Interaction Checks	YES	LOW	WAVE 4
314.a.3	a.5	Demographics	YES	MEDIUM	WAVE 4
314.a.5	a.6	Problem List	YES	LOW	WAVE 4
314.a.6	a.7	Medication List	YES	LOW	WAVE 4
314.a.7	a.8	Medication Allergy List	YES	LOW	WAVE 4
314.a.8	a.9	Clinical Decision Support	YES	MEDIUM	WAVE 4
314.a.10	a.10	Drug-Formulary Checks	YES	LOW	WAVE 4
314.a.11	a.11	Smoking Status	YES	LOW	WAVE 4
314.a.13	a.12	Family Health History	YES	LOW	WAVE 4
314.a.15	a.13	Patient-specific Education Resources	YES	MEDIUM	WAVE 4
NEW	a.14	Implantable Device List	YES	HIGH	WAVE 4
314.b.1/b.2 / b.8	b.1	Transition of Care	YES	VERY HIGH	WAVE 2
314.b.4 / b.9	b.2	Clinical Information Reconciliation and Incorporation	YES	HIGH	WAVE 1
314.b.3	b.3	Electronic Prescribing	YES	VERY HIGH	WAVE 1
314.b.7	b.6	Data Export	YES	HIGH	WAVE 1
314.c.1	c.1	Clinical Quality Measures – record and export	YES	VERY HIGH	WAVE 2
314.c.2	c.2	Clinical Quality Measures – import and calculate	YES	VERY HIGH	WAVE 2
314.c.3	c.3	Reserved for Clinical Quality Measures - report	YES	VERY HIGH	WAVE 2
314.d.1	d.1	Authentication, Access Control, Authorization	YES	LOW	WAVE 4

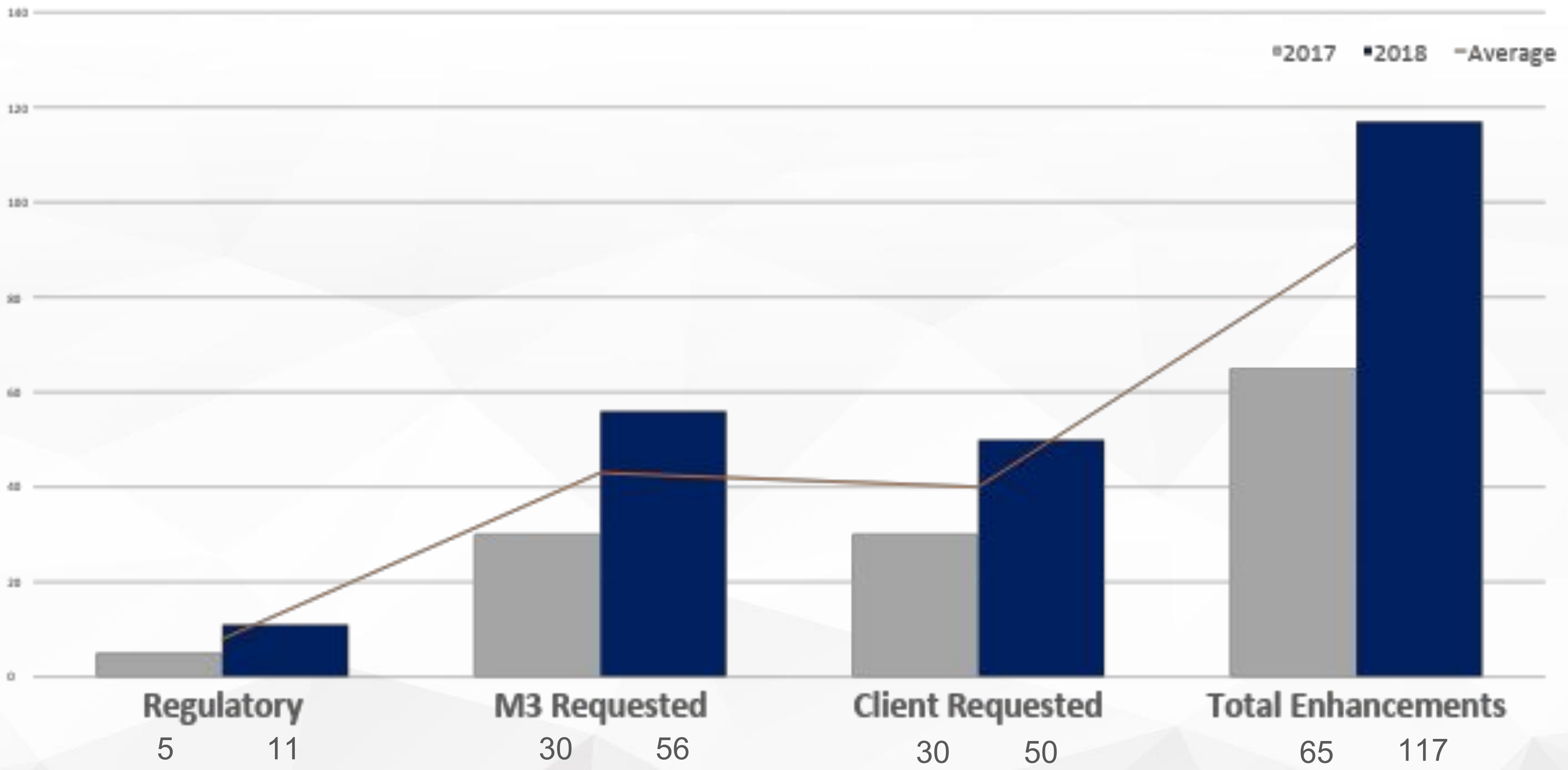
2014E Ref.	2015E Ref.	Name	Potential For CMS	Complexity	Testing
314.d.2	d.2	Auditable Events and Tamper Resistant	YES	LOW	WAVE 4
314.d.3	d.3	Audit Report(s)	YES	LOW	WAVE 4
314.d.4	d.4	Amendments	YES	LOW	WAVE 4
314.d.5	d.5	Automatic Access Time-Out	YES	LOW	WAVE 4
314.d.6	d.6	Emergency Access	YES	LOW	WAVE 4
314.d.7	d.7	End-user Device Encryption	YES	LOW	WAVE 4
314.d.8	d.8	Integrity	YES	LOW	NO
NEW	d.9	Trusted connection	YES	MEDIUM	
NEW	d.10	Auditing actions on health information	YES	HIGH	WAVE 4
314.e.1	e.1	View, Download, Transmit to 3rd Party	YES	HIGH	WAVE 1
314.e.3	e.2	Secure Messaging	YES	LOW	WAVE 4
NEW	e.3	Patient Health Information Capture	YES	LOW	WAVE 4
314.f.2	f.1	Xmit to Immunization Registries	YES ²	HIGH	WAVE 1
	g.3	Safety-enhanced Design			
314.g.3			YES	MEDIUM	WAVE 2
314.g.4	g.4	Quality Management System	YES	MEDIUM	WAVE 4
NEW	g.5	Accessibility-Centered Design	YES	MEDIUM	WAVE 1
NEW	g.6	Consolidated CDA Creation Performance	YES	MEDIUM	WAVE 1
NEW	g.7	Application Access – Patient Selection	YES	VERY HIGH	WAVE 2
NEW	g.8	Application Access – Data Category Request	YES	VERY HIGH	WAVE 2
NEW	g.9	Application Access – All Data Request	YES	VERY HIGH	WAVE 2
314.h.1	h.1	Direct Project	YES ⁴	VERY HIGH	WAVE 2

VertexDr Enhancements



- 117 Total Enhancements
- 11 Total Appointment Scheduler
- 65 Total Practice Manager
- 41 Total EMR
- 43% Client Requested

Year Comparison



**80% Increase
in Total
Enhancements**

Roadmap

		Q1	Q2	Q3	Q4
VertexDr	EMR	Exostar EPCS Functionality	eRX Certification & Simplified Sig Writer eRX	Mobile Enhancements & Web	
	PRACTICE MANAGER	CMS Medicare Beneficiary Identifier (MBI)	Ad Hoc Reporting (SmartQ)		ANSI 275 Electronic Attachment Transaction
	APPOINTMENT SCHEDULER		No Show & Cancellation Queue	Patient Facing Enhancements, Mobile Enhancements, Web	

Statement Reformatting



Reduce Pages



Improved Message Allowance



Clear Payment Options

Cast your Ballot!

Option 1

MY CLINIC
567 WASHINGTON DR
ANYTOWN, USA 12345-0000

ACCOUNT SUMMARY

Total Charges Submitted	\$325.00
Total Insurance Adjustment	\$260.00
Total Charges After Insurance Adjustment	\$92.00
Patient Payments Received	\$30.00
Over 30 Days	\$0.00
Over 60 Days	\$0.00
Over 90 Days	\$0.00
Over 120 Days	\$0.00
PLEASE PAY THIS AMOUNT	\$62.00

QUESTIONS?
Call your customer service representative at (555) 999-0000
Monday-Friday, 7:30am - 5:00pm

INSURANCE INFORMATION

Patient Name: ELIZABETH SAMPLENAME
Primary Insurance: AETNA
Secondary Insurance:
Account Number: 91890-28933-1

Page 1 of 1

DATE	CPT	DESCRIPTION OF SERVICES	PROVIDER	CHARGE	PLAN PAID	BALANCE
1/21/2018	99205	Office Consultation	Adam Smith, MD	\$230.00	\$184.00	\$46.00
1/21/2018	80061	Lipid Panel	Adam Smith, MD	\$45.00	\$36.00	\$55.00
1/21/2018	83718	HDL Cholesterol	Adam Smith, MD	\$25.00	\$20.00	\$60.00
1/21/2018	84478	Triglycerides	Adam Smith, MD	\$25.00	\$20.00	\$65.00
1/21/2018		Payment		-\$30.00		\$35.00
2/26/2018	92213	Office/ Outpatient Visit	Adam Smith, MD	\$135.00	\$108.00	\$62.00

IMPORTANT MESSAGES

MESSAGE 1
MESSAGE 2
MESSAGE 3
MESSAGE 4
MESSAGE 5

PAY BY CREDIT CARD:

CARD NUMBER: _____ VERIFICATION CODE: _____
SIGNATURE: _____ EXP DATE: _____
CARD HOLDER NAME: _____

STATEMENT DATE	BALANCE	ACCT #	XREF#
04/01/18	\$ 62.00	91890-28933-1	52757
AMOUNT PAID	\$		

OR PAY ONLINE: www.paymydoctor.com

ELIZABETH SAMPLENAME
1234 AMERICAN WAY
ANYTOWN, USA 12345-0000

MY CLINIC
567 WASHINGTON DR
ANYTOWN, USA 12345-0000

Option 2

MERIDIAN MEDICAL CLINIC
567 WASHINGTON DR
ANYTOWN, USA 12345-0000

DO NOT SEND CASH OR CREDIT CARD INFORMATION WITH THIS FORM.
To pay by credit card, please call (555) 999-0000 or pay online at www.paymydoctor.com

ADDRESS SERVICE REQUESTED

STATEMENT DATE	PATIENT ACCOUNT #	XREF#
4/1/2018	91890-28933-1	52757

PAY THIS AMOUNT BY CHECK: \$ 62.00 SHOW AMOUNT PAID HERE: \$

ELIZABETH SAMPLENAME
1234 AMERICAN WAY
ANYTOWN, USA 12345-0000

MY CLINIC
567 WASHINGTON DR
ANYTOWN, USA 12345-0000

STATEMENT

DATE	CPT	DESCRIPTION OF SERVICES	PROVIDER	CHARGE	PLAN PAID	BALANCE
1/21/2018	99205	Office Consultation	Adam Smith, MD	\$230.00	\$184.00	\$46.00
1/21/2018	80061	Lipid Panel	Adam Smith, MD	\$45.00	\$36.00	\$55.00
1/21/2018	83718	HDL Cholesterol	Adam Smith, MD	\$25.00	\$20.00	\$60.00
1/21/2018	84478	Triglycerides	Adam Smith, MD	\$25.00	\$20.00	\$65.00
1/21/2018		Payment		-\$30.00		\$35.00
2/26/2018	92213	Office/ Outpatient Visit	Adam Smith, MD	\$135.00	\$108.00	\$62.00

QUESTIONS?
Call your customer service representative at (555) 999-0000, Monday-Friday, 7:30am - 5:00pm
Payment due upon receipt.
Thank you for your prompt attention.
Balance shown may not be your only balance due.

CURRENT	OVER 30	OVER 60	OVER 90	OVER 120	TOTAL CHARGES	INSURANCE PAID	PATIENT PAID	CURRENT BALANCE DUE
\$ 62.00	\$ -	\$ -	\$ -	\$ -	\$ 325.00	\$ 260.00	\$ 30.00	\$ 62.00

Option 3

MY CLINIC
567 WASHINGTON DR
ANYTOWN, USA 12345-0000

Patient Name: Elizabeth Samplename Statement Date: 05/06/2015 Account Number: 1234567

Primary Insurance: Actna Secondary Insurance:

Total Amount Owed: \$192.00 **Payment Due Date: 06/15/2015**

Bill Explanation

Total Charges Submitted: \$380.00
Amount You Saved - Total Insurance Adjustment: -\$112.00
Total Charges After Insurance Adjustment: \$268.00
Co-Payment Paid at Time of Visit: -\$76.00

Total Amount Owed: \$192.00

Date	CPT	Description of Services	Provider	Charge	Plan Paid	Balance
1/21/2018	99205	Office Consultation	Adam Smith, MD	\$380.00	\$112.00	\$268.00
1/21/2018		Payment		-\$76.00		\$192.00

QUESTIONS?
Call your customer service representative at (555) 999-0000, Monday-Friday, 7:30am - 5:00pm
Payment due upon receipt.
Thank you for your prompt attention.
Balance shown may not be your only balance due.

Payment Options

Pay online: www.paymydoctors.com Mail: View pay stub below Phone 800-123-4567 Mon - Fri: 8 am - 5pm CST

MY CLINIC

567 WASHINGTON DR
ANYTOWN, USA 12345-0000
PERSONAL AND CONFIDENTIAL

ADDRESS SERVICE REQUESTED

ELIZABETH SAMPLENAME
1234 AMERICAN WAY
ANYTOWN, USA 12345-0000

MY CLINIC
567 WASHINGTON DR
ANYTOWN, USA 12345-0000

PAY BY CREDIT CARD:

Credit Card Number: _____ Verification Code: _____
Exp. Date: _____ Signature: _____

Account Number	Xref	Due Date	Amount Due
1234567	58412	6/15/2015	\$ 192.00

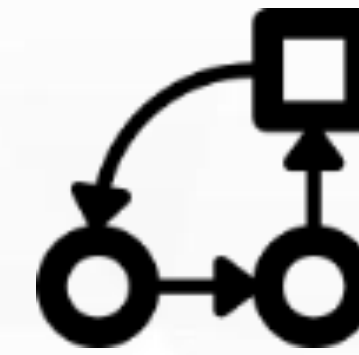
User Group



Efficiency



Productivity



Automation



Innovation



Solution

Presentation Available Post Forum



VertexDr

VERTEXDR TRAINING PORTAL



VertexDr

THANK YOU!

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