



ONC HIT Certification Program Test Results Summary for 2014 Edition EHR Certification

Part 1: Product and Developer Information

1.1 Certified Product Information

Product Name: MDnet
Product Version: V6.0
Domain: Ambulatory
Test Type: Complete EHR

1.2 Developer/Vendor Information

Developer/Vendor Name: Enable Healthcare Inc.
Address: 100 Eagle Rock Ave, Suite 306 East Hanover NJ 07936
Website: www.ehiconnect.com
Email: support@ehiconnect.com
Phone: 973-795-1137
Developer/Vendor Contact: Anandkumar Jeevarathinam



Part 2: ONC-Authorized Certification Body Information


2.1 ONC-Authorized Certification Body Information

ONC-ACB Name: Drummond Group
Address: 13359 North Hwy 183, Ste B-406-238, Austin, TX 78750
Website: www.drummondgroup.com
Email: ehr@drummondgroup.com
Phone: 817-294-7339
ONC-ACB Contact: Bill Smith

This test results summary is approved for public release by the following ONC-Authorized Certification Body Representative:

Bill Smith
 ONC-ACB Authorized Representative

Certification Committee Chair
 Function/Title


5/30/14
 Signature and Date

2.2 Gap Certification

The following identifies criterion or criteria certified via gap certification

§170.314			
<input checked="" type="checkbox"/> (a)(1)	<input type="checkbox"/> (a)(17)	<input checked="" type="checkbox"/> (d)(5)	<input type="checkbox"/> (d)(9)
<input checked="" type="checkbox"/> (a)(6)	<input type="checkbox"/> (b)(5)*	<input checked="" type="checkbox"/> (d)(6)	<input checked="" type="checkbox"/> (f)(1)
<input checked="" type="checkbox"/> (a)(7)	<input checked="" type="checkbox"/> (d)(1)	<input checked="" type="checkbox"/> (d)(8)	

*Gap certification allowed for Inpatient setting only

No gap certification



2.3 Inherited Certification

The following identifies criterion or criteria certified via inherited certification

§170.314			
<input type="checkbox"/> (a)(1)	<input type="checkbox"/> (a)(14)	<input type="checkbox"/> (c)(3)	<input type="checkbox"/> (f)(1)
<input type="checkbox"/> (a)(2)	<input type="checkbox"/> (a)(15)	<input type="checkbox"/> (d)(1)	<input type="checkbox"/> (f)(2)
<input type="checkbox"/> (a)(3)	<input type="checkbox"/> (a)(16) <i>Inpt. only</i>	<input type="checkbox"/> (d)(2)	<input type="checkbox"/> (f)(3)
<input type="checkbox"/> (a)(4)	<input type="checkbox"/> (a)(17) <i>Inpt. only</i>	<input type="checkbox"/> (d)(3)	<input type="checkbox"/> (f)(4) <i>Inpt. only</i>
<input type="checkbox"/> (a)(5)	<input type="checkbox"/> (b)(1)	<input type="checkbox"/> (d)(4)	<input type="checkbox"/> (f)(5) <i>Optional & Amb. only</i>
<input type="checkbox"/> (a)(6)	<input type="checkbox"/> (b)(2)	<input type="checkbox"/> (d)(5)	
<input type="checkbox"/> (a)(7)	<input type="checkbox"/> (b)(3)	<input type="checkbox"/> (d)(6)	<input type="checkbox"/> (f)(6) <i>Optional & Amb. only</i>
<input type="checkbox"/> (a)(8)	<input type="checkbox"/> (b)(4)	<input type="checkbox"/> (d)(7)	
<input type="checkbox"/> (a)(9)	<input type="checkbox"/> (b)(5)	<input type="checkbox"/> (d)(8)	<input type="checkbox"/> (g)(1)
<input type="checkbox"/> (a)(10)	<input type="checkbox"/> (b)(6) <i>Inpt. only</i>	<input type="checkbox"/> (d)(9) <i>Optional</i>	<input type="checkbox"/> (g)(2)
<input type="checkbox"/> (a)(11)	<input type="checkbox"/> (b)(7)	<input type="checkbox"/> (e)(1)	<input type="checkbox"/> (g)(3)
<input type="checkbox"/> (a)(12)	<input type="checkbox"/> (c)(1)	<input type="checkbox"/> (e)(2) <i>Amb. only</i>	<input type="checkbox"/> (g)(4)
<input type="checkbox"/> (a)(13)	<input type="checkbox"/> (c)(2)	<input type="checkbox"/> (e)(3) <i>Amb. only</i>	

No inherited certification



Part 3: NVLAP-Accredited Testing Laboratory Information

Report Number: [KAM-052714-2415](#)

Test Date(s): [11/12/13](#), [01/07/14](#), [01/28/14](#), [02/17/14](#), [04/11/14](#), [05/27/14](#)

3.1 NVLAP-Accredited Testing Laboratory Information

ATL Name: Drummond Group EHR Test Lab
Accreditation Number: [NVLAP Lab Code 200979-0](#)
Address: 13359 North Hwy 183, Ste B-406-238, Austin, TX 78750
Website: www.drummondgroup.com
Email: ehr@drummondgroup.com
Phone: 512-335-5606
ATL Contact: Beth Morrow

For more information on scope of accreditation, please reference [NVLAP Lab Code 200979-0](#).

Part 3 of this test results summary is approved for public release by the following Accredited Testing Laboratory Representative:

[Kyle Meadors](#)

ATL Authorized Representative

5/30/14

Signature and Date

Test Proctor

Function/Title

[Nashville, TN](#)

Location Where Test Conducted

3.2 Test Information

3.2.1 Additional Software Relied Upon for Certification

Additional Software	Applicable Criteria	Functionality provided by Additional Software

Additional Software	Applicable Criteria	Functionality provided by Additional Software
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No additional software required

3.2.2 Test Tools

Test Tool	Version
<input checked="" type="checkbox"/> Cypress	<input type="text" value="2.4.1"/>
<input checked="" type="checkbox"/> ePrescribing Validation Tool	<input type="text" value="1.0.3"/>
<input type="checkbox"/> HL7 CDA Cancer Registry Reporting Validation Tool	<input type="text" value="1.0.3"/>
<input type="checkbox"/> HL7 v2 Electronic Laboratory Reporting (ELR) Validation Tool	<input type="text" value="1.7"/>
<input checked="" type="checkbox"/> HL7 v2 Immunization Information System (IIS) Reporting Validation Tool	<input type="text" value="1.7.1"/>
<input checked="" type="checkbox"/> HL7 v2 Laboratory Results Interface (LRI) Validation Tool	<input type="text" value="1.7"/>
<input checked="" type="checkbox"/> HL7 v2 Syndromic Surveillance Reporting Validation Tool	<input type="text" value="1.7"/>
<input checked="" type="checkbox"/> Transport Testing Tool	<input type="text" value="174"/>
<input checked="" type="checkbox"/> Direct Certificate Discovery Tool	<input type="text" value="2.1"/>

No test tools required

3.2.3 Test Data

- Alteration (customization) to the test data was necessary and is described in Appendix [*insert appendix letter*]
- No alteration (customization) to the test data was necessary

3.2.4 Standards

3.2.4.1 Multiple Standards Permitted

The following identifies the standard(s) that has been successfully tested where more than one standard is permitted

Criterion #	Standard Successfully Tested	
(a)(8)(ii)(A)(2)	<input type="checkbox"/> §170.204(b)(1) HL7 Version 3 Implementation Guide: URL-Based Implementations of the Context-Aware Information Retrieval (Infobutton) Domain	<input checked="" type="checkbox"/> §170.204(b)(2) HL7 Version 3 Implementation Guide: Context-Aware Knowledge Retrieval (Infobutton) Service-Oriented Architecture Implementation Guide

Criterion #	Standard Successfully Tested	
(a)(13)	<input checked="" type="checkbox"/> §170.207(a)(3) IHTSDO SNOMED CT® International Release July 2012 and US Extension to SNOMED CT® March 2012 Release	<input type="checkbox"/> §170.207(j) HL7 Version 3 Standard: Clinical Genomics; Pedigree
(a)(15)(i)	<input type="checkbox"/> §170.204(b)(1) HL7 Version 3 Implementation Guide: URL-Based Implementations of the Context-Aware Information Retrieval (Infobutton) Domain	<input checked="" type="checkbox"/> §170.204(b)(2) HL7 Version 3 Implementation Guide: Context-Aware Knowledge Retrieval (Infobutton) Service-Oriented Architecture Implementation Guide
(a)(16)(ii)	<input type="checkbox"/> §170.210(g) Network Time Protocol Version 3 (RFC 1305)	<input type="checkbox"/> §170.210(g) Network Time Protocol Version 4 (RFC 5905)
(b)(2)(i)(A)	<input type="checkbox"/> §170.207(i) The code set specified at 45 CFR 162.1002(c)(2) (ICD-10-CM) for the indicated conditions	<input checked="" type="checkbox"/> §170.207(a)(3) IHTSDO SNOMED CT® International Release July 2012 and US Extension to SNOMED CT® March 2012 Release
(b)(7)(i)	<input type="checkbox"/> §170.207(i) The code set specified at 45 CFR 162.1002(c)(2) (ICD-10-CM) for the indicated conditions	<input checked="" type="checkbox"/> §170.207(a)(3) IHTSDO SNOMED CT® International Release July 2012 and US Extension to SNOMED CT® March 2012 Release
(e)(1)(i)	Annex A of the FIPS Publication 140-2 <i>[list encryption and hashing algorithms]</i> AES SHA-1	
(e)(1)(ii)(A)(2)	<input type="checkbox"/> §170.210(g) Network Time Protocol Version 3 (RFC 1305)	<input checked="" type="checkbox"/> §170.210(g) Network Time Protocol Version 4 (RFC 5905)
(e)(3)(ii)	Annex A of the FIPS Publication 140-2 <i>[list encryption and hashing algorithms]</i> AES SHA-1	
Common MU Data Set (15)	<input type="checkbox"/> §170.207(a)(3) IHTSDO SNOMED CT® International Release July 2012 and US Extension to SNOMED CT® March 2012 Release	<input checked="" type="checkbox"/> §170.207(b)(2) The code set specified at 45 CFR 162.1002(a)(5) (HCPCS and CPT-4)

Criterion #	Standard Successfully Tested
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None of the criteria and corresponding standards listed above are applicable

3.2.4.2 Newer Versions of Standards

The following identifies the newer version of a minimum standard(s) that has been successfully tested

Newer Version	Applicable Criteria

No newer version of a minimum standard was tested

3.2.5 Optional Functionality

Criterion #	Optional Functionality Successfully Tested
<input checked="" type="checkbox"/> (a)(4)(iii)	Plot and display growth charts
<input type="checkbox"/> (b)(1)(i)(B)	Receive summary care record using the standards specified at §170.202(a) and (b) (Direct and XDM Validation)
<input type="checkbox"/> (b)(1)(i)(C)	Receive summary care record using the standards specified at §170.202(b) and (c) (SOAP Protocols)
<input type="checkbox"/> (b)(2)(ii)(B)	Transmit health information to a Third Party using the standards specified at §170.202(a) and (b) (Direct and XDM Validation)
<input type="checkbox"/> (b)(2)(ii)(C)	Transmit health information to a Third Party using the standards specified at §170.202(b) and (c) (SOAP Protocols)
<input type="checkbox"/> (f)(3)	Ambulatory setting only – Create syndrome-based public health surveillance information for transmission using the standard specified at §170.205(d)(3) (urgent care visit scenario)
<input type="checkbox"/> Common MU Data Set (15)	Express Procedures according to the standard specified at §170.207(b)(3) (45 CFR162.1002(a)(4): Code on Dental Procedures and Nomenclature)
<input type="checkbox"/> Common MU Data Set (15)	Express Procedures according to the standard specified at §170.207(b)(4) (45 CFR162.1002(c)(3): ICD-10-PCS)

No optional functionality tested



3.2.6 2014 Edition Certification Criteria* Successfully Tested

Criteria #	Version		Criteria #	Version	
	TP**	TD***		TP	TD
<input type="checkbox"/> (a)(1)	1.2	1.5	<input checked="" type="checkbox"/> (c)(3)	1.6	1.6
<input checked="" type="checkbox"/> (a)(2)	1.2		<input type="checkbox"/> (d)(1)	1.2	
<input checked="" type="checkbox"/> (a)(3)	1.2	1.4	<input checked="" type="checkbox"/> (d)(2)	1.4	
<input checked="" type="checkbox"/> (a)(4)	1.4	1.3	<input checked="" type="checkbox"/> (d)(3)	1.3	
<input checked="" type="checkbox"/> (a)(5)	1.4	1.3	<input checked="" type="checkbox"/> (d)(4)	1.2	
<input type="checkbox"/> (a)(6)	1.3	1.4	<input type="checkbox"/> (d)(5)	1.2	
<input type="checkbox"/> (a)(7)	1.3	1.3	<input type="checkbox"/> (d)(6)	1.2	
<input checked="" type="checkbox"/> (a)(8)	1.2		<input checked="" type="checkbox"/> (d)(7)	1.2	
<input checked="" type="checkbox"/> (a)(9)	1.3	1.3	<input type="checkbox"/> (d)(8)	1.2	
<input checked="" type="checkbox"/> (a)(10)	1.2	1.4	<input type="checkbox"/> (d)(9) <i>Optional</i>	1.2	
<input checked="" type="checkbox"/> (a)(11)	1.3		<input checked="" type="checkbox"/> (e)(1)	1.7	1.4
<input checked="" type="checkbox"/> (a)(12)	1.3		<input checked="" type="checkbox"/> (e)(2) <i>Amb. only</i>	1.2	1.5
<input checked="" type="checkbox"/> (a)(13)	1.2		<input checked="" type="checkbox"/> (e)(3) <i>Amb. only</i>	1.3	
<input checked="" type="checkbox"/> (a)(14)	1.2		<input type="checkbox"/> (f)(1)	1.2	1.2
<input checked="" type="checkbox"/> (a)(15)	1.5		<input checked="" type="checkbox"/> (f)(2)	1.3	1.7.1
<input type="checkbox"/> (a)(16) <i>Inpt. only</i>	1.3	1.2	<input checked="" type="checkbox"/> (f)(3)	1.3	1.7
<input type="checkbox"/> (a)(17) <i>Inpt. only</i>	1.2		<input type="checkbox"/> (f)(4) <i>Inpt. only</i>	1.3	1.7
<input checked="" type="checkbox"/> (b)(1)	1.6	1.3	<input type="checkbox"/> (f)(5) <i>Optional & Amb. only</i>	1.2	1.2
<input checked="" type="checkbox"/> (b)(2)	1.4	1.5	<input type="checkbox"/> (f)(6) <i>Optional & Amb. only</i>	1.3	1.0.3
<input checked="" type="checkbox"/> (b)(3)	1.4	1.2	<input type="checkbox"/> (g)(1)	1.6	1.8
<input checked="" type="checkbox"/> (b)(4)	1.3	1.4	<input checked="" type="checkbox"/> (g)(2)	1.6	1.8
<input checked="" type="checkbox"/> (b)(5)	1.4	1.7	<input checked="" type="checkbox"/> (g)(3)	1.3	
<input type="checkbox"/> (b)(6) <i>Inpt. only</i>	1.3	1.7	<input checked="" type="checkbox"/> (g)(4)	1.2	
<input checked="" type="checkbox"/> (b)(7)	1.4	1.5			
<input checked="" type="checkbox"/> (c)(1)	1.6	1.6			
<input checked="" type="checkbox"/> (c)(2)	1.6	1.6			

No criteria tested

*For a list of the 2014 Edition Certification Criteria, please reference <http://www.healthit.gov/certification> (navigation: 2014 Edition Test Method)

**Indicates the version number for the Test Procedure (TP)

***Indicates the version number for the Test Data (TD)

3.2.7 2014 Clinical Quality Measures*

Type of Clinical Quality Measures Successfully Tested:

- Ambulatory
- Inpatient
- No CQMs tested

*For a list of the 2014 Clinical Quality Measures, please reference <http://www.cms.gov> (navigation: 2014 Clinical Quality Measures)

Ambulatory CQMs							
CMS ID	Version	CMS ID	Version	CMS ID	Version	CMS ID	Version
<input checked="" type="checkbox"/> 2	v3	<input checked="" type="checkbox"/> 90	v3	<input checked="" type="checkbox"/> 136	v3	<input checked="" type="checkbox"/> 155	v2
<input type="checkbox"/> 22		<input checked="" type="checkbox"/> 117	v2	<input type="checkbox"/> 137		<input checked="" type="checkbox"/> 156	v2
<input checked="" type="checkbox"/> 50	v2	<input type="checkbox"/> 122		<input checked="" type="checkbox"/> 138	v2	<input type="checkbox"/> 157	
<input type="checkbox"/> 52		<input type="checkbox"/> 123		<input type="checkbox"/> 139		<input type="checkbox"/> 158	
<input type="checkbox"/> 56		<input type="checkbox"/> 124		<input type="checkbox"/> 140		<input type="checkbox"/> 159	
<input type="checkbox"/> 61		<input type="checkbox"/> 125		<input type="checkbox"/> 141		<input type="checkbox"/> 160	
<input type="checkbox"/> 62		<input checked="" type="checkbox"/> 126	v2	<input type="checkbox"/> 142		<input type="checkbox"/> 161	
<input type="checkbox"/> 64		<input type="checkbox"/> 127		<input type="checkbox"/> 143		<input type="checkbox"/> 163	
<input type="checkbox"/> 65		<input type="checkbox"/> 128		<input type="checkbox"/> 144		<input type="checkbox"/> 164	
<input type="checkbox"/> 66		<input type="checkbox"/> 129		<input type="checkbox"/> 145		<input checked="" type="checkbox"/> 165	v2
<input checked="" type="checkbox"/> 68	v3	<input type="checkbox"/> 130		<input checked="" type="checkbox"/> 146	v2	<input checked="" type="checkbox"/> 166	v3
<input checked="" type="checkbox"/> 69	v2	<input type="checkbox"/> 131		<input type="checkbox"/> 147		<input type="checkbox"/> 167	
<input type="checkbox"/> 74		<input type="checkbox"/> 132		<input type="checkbox"/> 148		<input type="checkbox"/> 169	
<input checked="" type="checkbox"/> 75	v2	<input type="checkbox"/> 133		<input type="checkbox"/> 149		<input type="checkbox"/> 177	
<input type="checkbox"/> 77		<input type="checkbox"/> 134		<input checked="" type="checkbox"/> 153	v2	<input type="checkbox"/> 179	
<input type="checkbox"/> 82		<input type="checkbox"/> 135		<input checked="" type="checkbox"/> 154	v2	<input type="checkbox"/> 182	

Inpatient CQMs							
CMS ID	Version	CMS ID	Version	CMS ID	Version	CMS ID	Version
<input type="checkbox"/> 9		<input type="checkbox"/> 71		<input type="checkbox"/> 107		<input type="checkbox"/> 172	
<input type="checkbox"/> 26		<input type="checkbox"/> 72		<input type="checkbox"/> 108		<input type="checkbox"/> 178	
<input type="checkbox"/> 30		<input type="checkbox"/> 73		<input type="checkbox"/> 109		<input type="checkbox"/> 185	
<input type="checkbox"/> 31		<input type="checkbox"/> 91		<input type="checkbox"/> 110		<input type="checkbox"/> 188	
<input type="checkbox"/> 32		<input type="checkbox"/> 100		<input type="checkbox"/> 111		<input type="checkbox"/> 190	
<input type="checkbox"/> 53		<input type="checkbox"/> 102		<input type="checkbox"/> 113			
<input type="checkbox"/> 55		<input type="checkbox"/> 104		<input type="checkbox"/> 114			
<input type="checkbox"/> 60		<input type="checkbox"/> 105		<input type="checkbox"/> 171			



3.2.8 Automated Numerator Recording and Measure Calculation

3.2.8.1 Automated Numerator Recording

Automated Numerator Recording Successfully Tested			
<input type="checkbox"/> (a)(1)	<input type="checkbox"/> (a)(9)	<input type="checkbox"/> (a)(16)	<input type="checkbox"/> (b)(6)
<input type="checkbox"/> (a)(3)	<input type="checkbox"/> (a)(11)	<input type="checkbox"/> (a)(17)	<input type="checkbox"/> (e)(1)
<input type="checkbox"/> (a)(4)	<input type="checkbox"/> (a)(12)	<input type="checkbox"/> (b)(2)	<input type="checkbox"/> (e)(2)
<input type="checkbox"/> (a)(5)	<input type="checkbox"/> (a)(13)	<input type="checkbox"/> (b)(3)	<input type="checkbox"/> (e)(3)
<input type="checkbox"/> (a)(6)	<input type="checkbox"/> (a)(14)	<input type="checkbox"/> (b)(4)	
<input type="checkbox"/> (a)(7)	<input type="checkbox"/> (a)(15)	<input type="checkbox"/> (b)(5)	

Automated Numerator Recording was not tested

3.2.8.2 Automated Measure Calculation

Automated Measure Calculation Successfully Tested			
<input checked="" type="checkbox"/> (a)(1)	<input checked="" type="checkbox"/> (a)(9)	<input type="checkbox"/> (a)(16)	<input type="checkbox"/> (b)(6)
<input checked="" type="checkbox"/> (a)(3)	<input checked="" type="checkbox"/> (a)(11)	<input type="checkbox"/> (a)(17)	<input checked="" type="checkbox"/> (e)(1)
<input checked="" type="checkbox"/> (a)(4)	<input checked="" type="checkbox"/> (a)(12)	<input checked="" type="checkbox"/> (b)(2)	<input checked="" type="checkbox"/> (e)(2)
<input checked="" type="checkbox"/> (a)(5)	<input checked="" type="checkbox"/> (a)(13)	<input checked="" type="checkbox"/> (b)(3)	<input checked="" type="checkbox"/> (e)(3)
<input checked="" type="checkbox"/> (a)(6)	<input checked="" type="checkbox"/> (a)(14)	<input checked="" type="checkbox"/> (b)(4)	
<input checked="" type="checkbox"/> (a)(7)	<input checked="" type="checkbox"/> (a)(15)	<input checked="" type="checkbox"/> (b)(5)	

Automated Measure Calculation was not tested

3.2.9 Attestation

Attestation Forms (as applicable)	Appendix
<input checked="" type="checkbox"/> Safety-Enhanced Design*	A
<input checked="" type="checkbox"/> Quality Management System**	B
<input checked="" type="checkbox"/> Privacy and Security	C

*Required if any of the following were tested: (a)(1), (a)(2), (a)(6), (a)(7), (a)(8), (a)(16), (b)(3), (b)(4)

**Required for every EHR product

3.3 Appendices

Attached below.



Test Results Summary Document History

Version	Description of Change	Date
17-Feb-2014	Edited: section header page 3; contact info page 4	17-Feb-2014
10-Feb-2014	Modified layout	10-Feb-2014
20-Nov-2013	Updated test tool sections	20-Nov-2013
25-Oct-2013	Corrected numbering of 3.2.8 section	25-Oct-2013
15-Oct-2013	Modified layout slightly	15-Oct-2013
01-Oct-2013	Initial Version	01-Oct-2013

2014 Edition Test Report Summary



Safety Enhanced Design

Error Analysis

User tasks were hand selected and organized to test the risk associated with the respective tasks, in order to achieve eventual mitigation. The tasks themselves were prioritized in accordance with risk associated with user errors.

The user tasks were assigned a risk level based on two criteria: the likelihood of error occurring and the severity of the error. The index for likelihood is derived from the measured mean error across 13 participants. Dually, the severity is deduced from the calculated mean time deviation. The data in Table 1 show that the following tasks were the most likely to generate errors:

- Create drug-drug and drug-allergy interventions prior to CPOE completion
- Adjustment of severity level of drug-drug interventions
- Reconcile patients active medication list with another source
- Reconcile patients active medication allergy list with another source

The data show these tasks all had a mean error of value of .08 errors across 13 participants. While the risk of error is still relatively low, these tasks incurred the most error across all the tasks. The severity of these errors is deduced from the column denoting task time deviations. The more the participant deviated from the optimal task time¹, the more severe the error. The errors generated by these tasks lowered the task time to around 88% of the optimal time. This value is about 8.5 % below the average task time deviation across all the tasks (96.7%). The likelihood of occurrence and the severity of the errors themselves, labeled these tasks as low-medium risk.²

The nature of these errors was unique to each task. Let us consider the error for each task independently.

¹ Optimal Task Time- the time it should take a participant to complete the task.

² The label of low-medium risk is the highest achieved by any of the tasks tested



Create drug-drug and drug-allergy interventions prior to CPOE completion:

The moderator observed that the errors made by users when attempting this task was in the initiation phase. The users who made an error while completing this task confused it with generating unique patient templates. Once they realized their mistake they had no issue going back and correcting it. Therefore, the error in this case was clinical in nature and did not reflect on the usability of the product.

Adjustment of severity level of drug-drug interventions

The error generated by this task was due to the highly specialized nature of the task itself. This task was not one that participants encountered on a day-to-day basis and so a few errors were made in path deviation. However these errors were minimal and only had a slight impact on task time deviation. The participants were able to use the product and cues as a guide for the task proving the system's overall functionality.

Reconcile patients active medication list with another source AND Reconciled patients active medication allergy list with another source

The errors made within these two tasks were because of their somewhat irregular nature. In no other task does the user modify the URL to perform their desired function. Due to this irregularity, participant error included pressing a few wrong buttons in an effort to find clinical reconciliation only to realized their error and proceed down the optimal path. However, due to the few mistakes prior to changing the URL, the participant's task time deviated at about 9% below the average. This revelation allowed the programmers to eliminate the URL modification route in the actual process thus correcting the issue.



www.ehiconnect.com



www.ehiconnect.com

Safety Enhanced Design
Attestation

To: Drummond Group

To whom it may concern,

Enable healthcare, Inc., attest, usability test of EHI's MDNETv6.0 EHR was conducted on December 30th in PMP Site Milburn, NJ by Hyperwiser Testing Services. The purpose of this test was to test and validate the usability of the current user interface, and provide evidence of usability in the EHR under Test (EHI'S MDNET EHR).

Sincerely,

A handwritten signature in black ink, appearing to read "Peter Silas". The signature is fluid and cursive, with a large loop at the end.

Peter Silas

CEO



EHI- Quality Management System Statement

1. Introduction

The purpose of this document is to highlight the Quality Management System instituted at Enable Healthcare Inc. (“EHI”). The QMS followed in Enable Healthcare Inc. is largely based on achieving a Total Quality Management in all the functional areas of the organization. EHI is scheduled for ISO 9001-2008 certification in the third quarter of 2014.

EHI follows largely the SEI CMMI levelm3 process for the product development life cycle. Asides from obtaining a companywide ISO 9001-2008 certification, EHI is also scheduled for the SEI_CMMI level 3 certification.

2. Scope and purpose of Quality plan in place

The following highlights the quality plan in place and also provides a high-level overview of the set of standards, practices, reviews, checkpoints and other quality improvement methods which are implemented at EHI. The quality plan is modeled towards achieving ISO 9001-2008 and SEI- CMMI Level 3. This applies to EHI QA practices, and development process.

This plan applies to the following:

- ✚ Software developed and maintained by EHI.
- ✚ Software project management and development practices.
- ✚ Necessary education and communication documentation

Enable Health Inc.



170-314.d.2 – Auditable Events and Tamper-Resistance

Enable Healthcare MDnet EHR is a cloud based application and all data transport are encrypted between end user and MDnet server. MDnet does not permit any user (including administrator) to modify or disable the audit logs, audit log status.

EHI MDnet EHR does not provide mechanism for any user to change, overwrite or delete an audit log entry. Users with sufficient permission are able to access the audit log report which allows them to view audit log report, but they cannot update.

EHI MDnet EHR does not provide any mechanisms for any user to change, overwrite or delete an audit log entry. Whenever an entry is written to the audit log a digital signature (hash) of the entry is generated using the approved SHA-1 hashing algorithm.

Data Breach Notification: Our DB activity monitor tool tracks user access time, date, specific user profiles, IP address and the modules browsed. It also sends out alert email of any user accessing the DB server and sends out emails of the activities that user did. Including browse, change and deletes of any data or configurations. DB activity tools also has capabilities to send out SMS to key staff members of user activities when change or deletion happens, as well as system have alert triggers for modules that have high security clearance. We have defined many parts of our MYSQL applications modules with low, medium and high security clearance. Based on User profile we control who has access to which module and alert system is designed to notify key staff of activities when those modules are accessed.

Data Restoration: MySQL activity monitoring tool records all activities on a separate server which is located away from the primary production environment, Users access to this server is limited and do not include any production maintenance or development staff. If there is a breach, using our audit log we can pin point the record that was modified or deleted and have the ability to restore those records.

Sincerely,

Peter Silas

CEO