



## 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:** Oneview  
**Product Version:** 4.0  
**Domain:** Inpatient  
**Test Type:** Modular EHR

#### 1.2 Developer/Vendor Information

**Developer/Vendor Name:** Acmeware, Inc.  
**Address:** 601 High Street Deham MA 02026  
**Website:** [www.acmeware.com](http://www.acmeware.com)  
**Email:** [info@acmeware.com](mailto:info@acmeware.com)  
**Phone:** 781.329.4300  
**Developer/Vendor Contact:** William Presley

### 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](http://www.drummondgroup.com)  
**Email:** [ehr@drummondgroup.com](mailto: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

  
\_\_\_\_\_  
Signature and Date 11/15/2013



## 2.2 Gap Certification

The following identifies criterion or criteria certified via gap certification

| §170.314                        |                                  |                                 |                                 |
|---------------------------------|----------------------------------|---------------------------------|---------------------------------|
| <input type="checkbox"/> (a)(1) | <input type="checkbox"/> (a)(17) | <input type="checkbox"/> (d)(5) | <input type="checkbox"/> (d)(9) |
| <input type="checkbox"/> (a)(6) | <input type="checkbox"/> (b)(5)* | <input type="checkbox"/> (d)(6) | <input type="checkbox"/> (f)(1) |
| <input type="checkbox"/> (a)(7) | <input type="checkbox"/> (d)(1)  | <input 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 checked="" type="checkbox"/> (d)(1)       | <input type="checkbox"/> (f)(2)                                 |
| <input type="checkbox"/> (a)(3)  | <input type="checkbox"/> (a)(16) <i>Inpt. only</i> | <input checked="" type="checkbox"/> (d)(2)       | <input type="checkbox"/> (f)(3)                                 |
| <input type="checkbox"/> (a)(4)  | <input type="checkbox"/> (a)(17) <i>Inpt. only</i> | <input checked="" 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 &amp; Amb. only</i> |
| <input type="checkbox"/> (a)(6)  | <input type="checkbox"/> (b)(2)                    | <input checked="" type="checkbox"/> (d)(5)       |   |
| <input type="checkbox"/> (a)(7)  | <input type="checkbox"/> (b)(3)                    | <input checked="" type="checkbox"/> (d)(6)       | <input type="checkbox"/> (f)(6) <i>Optional &amp; Amb. only</i> |
| <input type="checkbox"/> (a)(8)  | <input type="checkbox"/> (b)(4)                    | <input checked="" type="checkbox"/> (d)(7)       |   |
| <input type="checkbox"/> (a)(9)  | <input type="checkbox"/> (b)(5)                    | <input checked="" 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 checked="" 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 checked="" 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: [AMB-11112013-2324](#)

Test Date(s): [11/11/2013](#)

#### 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](http://www.drummondgroup.com)  
**Email:** [ehr@drummondgroup.com](mailto:ehr@drummondgroup.com)  
**Phone:** 512-633-9510  
**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:

[Alex Burt](#)

ATL Authorized Representative

11/15/2013

Signature and Date

Test Proctor

Function/Title

[Remote, 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 |
|---------------------|---------------------|---|
| MS SQL Server       | CQM C.1-3           | Data Storage/Access                           |
|                     |                     |   |
|                     |                     |   |
|                     |                     |   |
|                     |                     |   |
|                     |                     |   |
|                     |                     |   |
|                     |                     |   |

No additional software required



### 3.2.2 Test Tools

| Test Tool   | Version |
|---|---------|
| <input checked="" type="checkbox"/> Cypress   | 2.4     |
| <input type="checkbox"/> ePrescribing Validation Tool   | 1.0.2   |
| <input type="checkbox"/> HL7 CDA Cancer Registry Reporting Validation Tool                      | 1.0.3   |
| <input type="checkbox"/> HL7 v2 Electronic Laboratory Reporting (ELR) Validation Tool           | 1.6     |
| <input type="checkbox"/> HL7 v2 Immunization Information System (IIS) Reporting Validation Tool | 1.6     |
| <input type="checkbox"/> HL7 v2 Laboratory Results Interface (LRI) Validation Tool              | 1.6     |
| <input type="checkbox"/> HL7 v2 Syndromic Surveillance Reporting Validation Tool                | 1.6     |
| <input type="checkbox"/> Transport Testing Tool   | 169     |
| <input type="checkbox"/> Direct Certificate Discovery Tool                                      | 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)<br>HL7 Version 3 Implementation Guide: URL-Based Implementations of the Context-Aware Information Retrieval (Infobutton) Domain | <input type="checkbox"/> §170.204(b)(2)<br>HL7 Version 3 Implementation Guide: Context-Aware Knowledge Retrieval (Infobutton) Service-Oriented Architecture Implementation Guide |
| (a)(13)          | <input type="checkbox"/> §170.207(a)(3)<br>IHTSDO SNOMED CT® International Release July 2012 and US Extension to SNOMED CT® March 2012 Release                          | <input type="checkbox"/> §170.207(j)<br>HL7 Version 3 Standard: Clinical Genomics; Pedigree  |

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

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 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 type="checkbox"/> (a)(2)                    | 1.2     |       | <input type="checkbox"/> (d)(1)                                 | 1.2     |     |
| <input type="checkbox"/> (a)(3)                    | 1.2     | 1.4   | <input type="checkbox"/> (d)(2)                                 | 1.4     |     |
| <input type="checkbox"/> (a)(4)                    | 1.4     | 1.3   | <input type="checkbox"/> (d)(3)                                 | 1.3     |     |
| <input type="checkbox"/> (a)(5)                    | 1.4     | 1.3   | <input 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 type="checkbox"/> (a)(8)                    | 1.2     |       | <input type="checkbox"/> (d)(7)                                 | 1.2     |     |
| <input type="checkbox"/> (a)(9)                    | 1.3     | 1.3   | <input type="checkbox"/> (d)(8)                                 | 1.2     |     |
| <input type="checkbox"/> (a)(10)                   | 1.2     | 1.4   | <input type="checkbox"/> (d)(9) <i>Optional</i>                 | 1.2     |     |
| <input type="checkbox"/> (a)(11)                   | 1.3     |       | <input type="checkbox"/> (e)(1)                                 | 1.7     |     |
| <input type="checkbox"/> (a)(12)                   | 1.3     |       | <input type="checkbox"/> (e)(2) <i>Amb. only</i>                | 1.2     | 1.5 |
| <input type="checkbox"/> (a)(13)                   | 1.2     |       | <input type="checkbox"/> (e)(3) <i>Amb. only</i>                | 1.3     |     |
| <input type="checkbox"/> (a)(14)                   | 1.2     |       | <input type="checkbox"/> (f)(1)                                 | 1.2     | 1.2 |
| <input type="checkbox"/> (a)(15)                   | 1.5     |       | <input type="checkbox"/> (f)(2)                                 | 1.3     | 1.2 |
| <input type="checkbox"/> (a)(16) <i>Inpt. only</i> | 1.3     | 1.2   | <input type="checkbox"/> (f)(3)                                 | 1.3     | 1.2 |
| <input type="checkbox"/> (a)(17) <i>Inpt. only</i> | 1.2     |       | <input type="checkbox"/> (f)(4) <i>Inpt. only</i>               | 1.3     | 1.2 |
| <input type="checkbox"/> (b)(1)                    | 1.6     | 1.3   | <input type="checkbox"/> (f)(5) <i>Optional &amp; Amb. only</i> | 1.2     | 1.2 |
| <input type="checkbox"/> (b)(2)                    | 1.5     | 1.5   |   |         |     |
| <input type="checkbox"/> (b)(3)                    | 1.4     | 1.2   | <input type="checkbox"/> (f)(6) <i>Optional &amp; Amb. only</i> | 1.3     | 1.2 |
| <input type="checkbox"/> (b)(4)                    | 1.3     | 1.4   |   |         |     |
| <input type="checkbox"/> (b)(5)                    | 1.4     | 1.2   | <input type="checkbox"/> (g)(1)                                 | 1.6     | 1.8 |
| <input type="checkbox"/> (b)(6) <i>Inpt. only</i>  | 1.3     | 1.2   | <input type="checkbox"/> (g)(2)                                 | 1.6     | 1.8 |
| <input type="checkbox"/> (b)(7)                    | 1.4     | 1.5   | <input type="checkbox"/> (g)(3)                                 | 1.3     |     |
| <input checked="" type="checkbox"/> (c)(1)         | 1.6     | 1.6   | <input type="checkbox"/> (g)(4)                                 | 1.2     |     |
| <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 type="checkbox"/> 2  |         | <input type="checkbox"/> 90  |         | <input type="checkbox"/> 136 |         | <input type="checkbox"/> 155 |         |
| <input type="checkbox"/> 22 |         | <input type="checkbox"/> 117 |         | <input type="checkbox"/> 137 |         | <input type="checkbox"/> 156 |         |
| <input type="checkbox"/> 50 |         | <input type="checkbox"/> 122 |         | <input type="checkbox"/> 138 |         | <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 type="checkbox"/> 126 |         | <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 type="checkbox"/> 165 |         |
| <input type="checkbox"/> 68 |         | <input type="checkbox"/> 130 |         | <input type="checkbox"/> 146 |         | <input type="checkbox"/> 166 |         |
| <input type="checkbox"/> 69 |         | <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 type="checkbox"/> 75 |         | <input type="checkbox"/> 133 |         | <input type="checkbox"/> 149 |         | <input type="checkbox"/> 177 |         |
| <input type="checkbox"/> 77 |         | <input type="checkbox"/> 134 |         | <input type="checkbox"/> 153 |         | <input type="checkbox"/> 179 |         |
| <input type="checkbox"/> 82 |         | <input type="checkbox"/> 135 |         | <input type="checkbox"/> 154 |         | <input type="checkbox"/> 182 |         |

| Inpatient CQMs                         |         |   |         |   |         |   |         |
|--|---------|---|---------|---|---------|---|---------|
| CMS ID                                 | Version | CMS ID                                  | Version | CMS ID                                  | Version | CMS ID                                  | Version |
| <input checked="" type="checkbox"/> 9  | v 2     | <input checked="" type="checkbox"/> 71  | v 3     | <input checked="" type="checkbox"/> 107 | v 2     | <input checked="" type="checkbox"/> 172 | v 3     |
| <input checked="" type="checkbox"/> 26 | v 1     | <input checked="" type="checkbox"/> 72  | v 2     | <input checked="" type="checkbox"/> 108 | v 2     | <input checked="" type="checkbox"/> 178 | v 3     |
| <input checked="" type="checkbox"/> 30 | v 3     | <input checked="" type="checkbox"/> 73  | v 2     | <input checked="" type="checkbox"/> 109 | v 2     | <input checked="" type="checkbox"/> 185 | v 2     |
| <input checked="" type="checkbox"/> 31 | v 2     | <input checked="" type="checkbox"/> 91  | v 3     | <input checked="" type="checkbox"/> 110 | v 2     | <input checked="" type="checkbox"/> 188 | v 3     |
| <input checked="" type="checkbox"/> 32 | v 3     | <input checked="" type="checkbox"/> 100 | v 2     | <input checked="" type="checkbox"/> 111 | v 2     | <input checked="" type="checkbox"/> 190 | v 2     |





| Inpatient CQMs                         |         |   |         |   |         |        |         |
|--|---------|---|---------|---|---------|--------|---------|
| CMS ID                                 | Version | CMS ID                                  | Version | CMS ID                                  | Version | CMS ID | Version |
| <input checked="" type="checkbox"/> 53 | V<br>2  | <input checked="" type="checkbox"/> 102 | V<br>2  | <input checked="" type="checkbox"/> 113 | V<br>2  |        |         |
| <input checked="" type="checkbox"/> 55 | V<br>2  | <input checked="" type="checkbox"/> 104 | V<br>2  | <input checked="" type="checkbox"/> 114 | V<br>2  |        |         |
| <input checked="" type="checkbox"/> 60 | V<br>2  | <input checked="" type="checkbox"/> 105 | V<br>2  | <input checked="" type="checkbox"/> 171 | V<br>3  |        |         |



### 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 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 Measure Calculation was not tested

#### 3.2.9 Attestation

| Attestation Forms (as applicable)                               | Appendix |
|---|----------|
| <input 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 immediately below.



### Test Results Summary Document History

| Version     | Description of Change                | Date        |
|-------------|--------------------------------------|-------------|
| 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 |

**END OF DOCUMENT**

August 28, 2013

Drummond Group, Inc.  
13359 North Hwy 183  
Suite B-406-238  
Austin, TX 78750

Re: 170.314(g)(4) Quality Management System Summary Report and Attestation

Organization and Product name and Version seeking certification:

Acmeware OneView Version 4.0

Acmeware utilizes industry-standard Agile Product and Application Lifecycle Management (APLM & AALM) for a Quality Management System used in the development, testing, implementation, and maintenance of each certification criteria.

Acmeware utilizes Microsoft Team Foundation Server and Microsoft Visual Studio software for project planning, project governance, performance analysis, process guidance, customer collaboration, version control, work item tracking, build management and more.

Sincerely,



William S. Presley  
Manager of Software Products  
Acmeware, Inc.

September 11, 2013

Drummond Group, Inc.  
13359 North Hwy 183  
Suite B-406-238  
Austin, TX 78750

Re: 170.314.d.2-2: Permit Audit Log Disabling Attestation, 170.314.d.2-4: Protect Audit Log Attestation, 170.314.d.2-5: Detection of Audit Log Alteration Attestation

Organization and Product name and Version seeking certification:

Acmeware OneView Version 4.0

170.314.d.2-2: Permit Audit Log Disabling Attestation:

Acmeware does not permit disabling of the patient audit log in OneView.

170.314.d.2-4: Protect Audit Log Attestation:

OneView is implemented with salted hashing of the audit log. When the audit log record is created for each auditable event a hash value is created for each audit log record using SHA-256 with a salt value (SHA-2, SHA-256, output size(bits) 256). The Salt is generated using a cryptographically secure number that is unique per audit log record.

170.314.d.2-5: Detection of Audit Log Alteration Attestation:

The method used to identify if the audit log has been altered is a hash with salt comparison. To detect whether the audit log has been altered the audit log record salt and hash are compared with the human readable auditable event and any difference would result in a mismatch. Regarding the following 3 methods by which OneView protects:

1. Recording of actions related to electronic health information.
  - a. The following actions are allowed and recorded in OneView:
    - a. View
    - b. Add
    - c. Edit
    - d. Export - Encrypted data export

Note: No records are deleted from the database, a flag is set to inactivate a record.

2. Recording of audit log status

- a. The audit log is always enabled and auditing events. AcmeWare does not permit disabling of the audit log in OneView. If the method for Detection of Audit Log Alteration identifies a mismatch, the mismatch is recorded in the system and users are alerted.

3. Recording of encryption status from being changed, overwritten, or deleted by the EHR technology.

- a. Encryption status is always enabled and always on. AcmeWare does not allow any users to perform the disabling of encryption status in OneView.

Sincerely,



William S. Presley  
Manager of Software Products  
AcmeWare, Inc.

September 11, 2013

Drummond Group, Inc.  
13359 North Hwy 183  
Suite B-406-238  
Austin, TX 78750

Re: 170.314.d.7 - Encryption of Data at Rest Attestation

Organization and Product name and Version seeking certification:

Acmeware OneView Version 4.0

DTR170.314(d)(7) - 1: Determine Encryption Algorithm Used Attestation

OneView is capable of encrypting electronic health information stored on an end-user device by using Triple-DES Encryption Algorithm (TDEA) under Approved Security Functions for FIPS PUB 140-2 Security Requirements for Cryptographic Modules.

OneView uses Triple-DES encryption algorithm to generate message keys and device transport keys. Our two-key DES algorithm encrypts the data with the first key (56-bit), decrypts it with the second key (56-bit) and then encrypts the data again with the first key.

OneView protect its own keys within the executable bits of the software, which is unavailable to users. OneView provides a safe User Interface (UI) within the application to access the encryption and decryption functionality for standard operational usages or running self-tests.

Sincerely,



William S. Presley  
Manager of Software Products  
Acmeware, Inc.