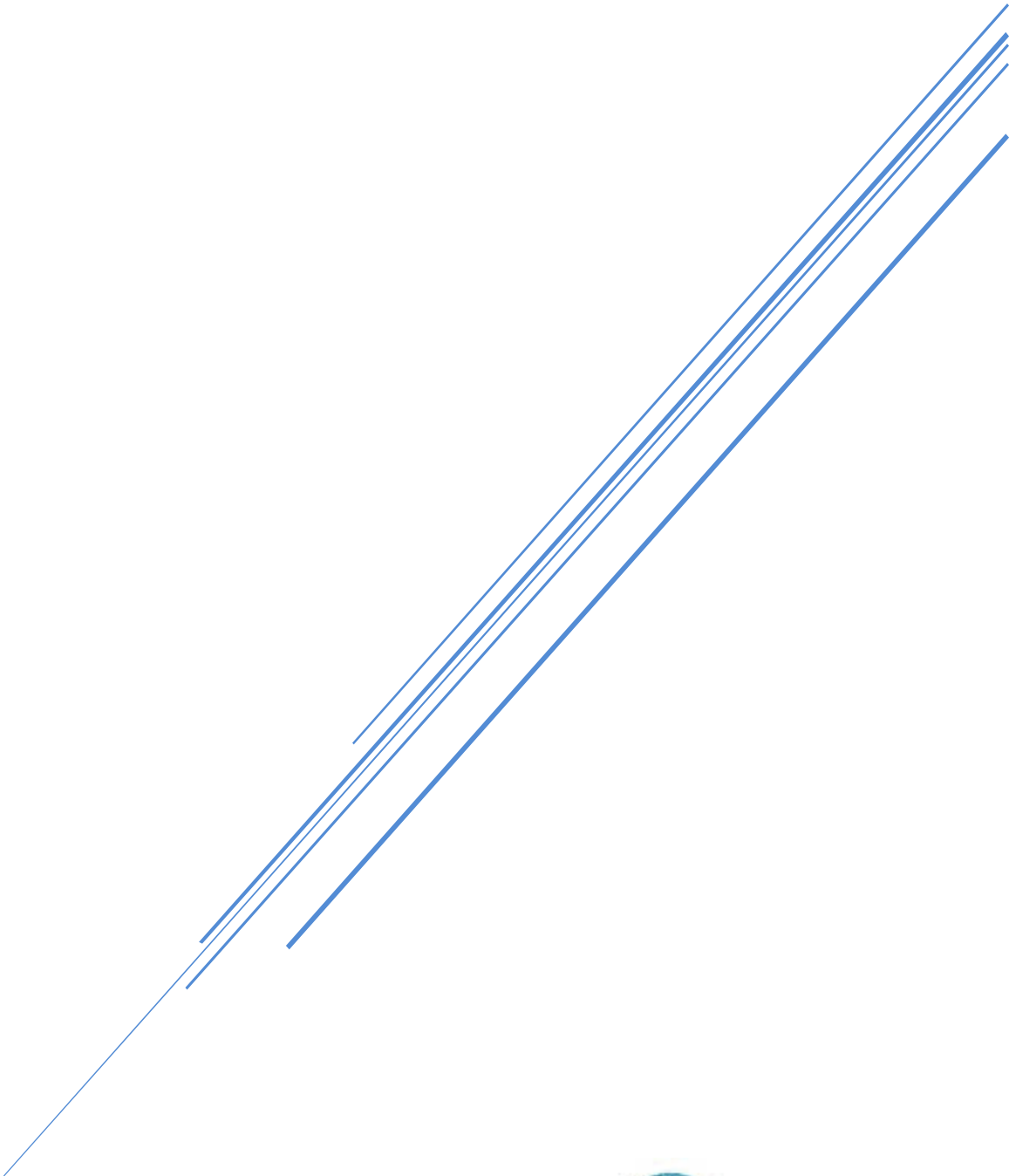


# Medgen EMR

Real World Test Plan Results

Reporting Year - 2024



# REAL WORLD TESTING RESULTS REPORT

**Comtron Inc.**

11 Grace Ave, Suite 208  
Great Neck, NY 11021

**Report Year: 2024**

**Conformance Measure:** 170.315(b) (1), 170.315(h) (1), 170.315(e) (1)

## GENERAL INFORMATION

**Plan Report ID Number:** [For ONC-Authorized Certification Body use only]

**Developer Name:** Comtron Inc.

**Product Name(s):** Medgen Electronic Medical Records

**Version Number(s):** Version 9.x

**Certified Health IT Product List (CHPL) Product Number(s):** 15.04.04.2984.Medg.09.02.1.220915

**Developer Real World Testing Plan Page URL:**

<https://portal.medgenehr.com/medgenweb/downloads/ComtronCompleteRWT2024.pdf>

**Developer Real World Testing Results Report Page URL:**

[https://portal.medgenehr.com/medgenweb/downloads/ComtronCompleteRWTResults\\_2024.pdf](https://portal.medgenehr.com/medgenweb/downloads/ComtronCompleteRWTResults_2024.pdf)

## CHANGES TO ORIGINAL PLAN

No changes made to the plan during the reporting period.

## WITHDRAWN PRODUCTS

No products withdrawn during the reporting period.

## SUMMARY OF TESTING METHODS AND KEY FINDINGS

### **170.315(b)(1)**

The testing method we used for this measure was data driven. We have constructed an RWT report card within our EMR system that will help us track the referred patient visits, how many DIRECT messages were sent in relation to those referred visits, and the successful delivery of those DIRECT messages in a live client environment. This method will demonstrate real-world interoperability in that all of these messages are live transactions sent out by our clients for actual patient visits. Although the data has been compiled over many of our clients, metrics displayed in these reports may be a sub-set of this data for illustrative purposes.

### **170.315(e)(1)**

The testing method we used for this measure was data driven. We have constructed an RWT report card within our EMR system that will help us track the number of patient electronic records that were viewed from the patient portal, as well as how many of those electronic records were downloaded or electronically submitted via DIRECT in a live client environment. This method will demonstrate real-world interoperability in that all of these messages are live transactions reviewed and sent by actual patients of our clients. Although the data has been compiled over many of our clients, metrics displayed in these reports may be a sub-set of this data for illustrative purposes.

### **170.315(h)(1)**

The testing method we used for this measure was data driven. We have constructed an RWT report card within our EMR system that will help us track of both the outgoing and incoming DIRECT messages sent from our system in a live client environment. This method will demonstrate real-world interoperability in that all of these messages are live transactions sent out or received in by our clients for actual patient records. Although the data has been compiled over many of our clients, metrics displayed in these reports may be a sub-set of this data for illustrative purposes.

One key finding as a result of these report cards is that although the DIRECT messaging capability is present for our clients to use within the Medgen EMR system it is not a commonly used feature. We have also found that are DIRECT dictionary setup was susceptible to user error and as a result we have programmed measures to ensure that if a DIRECT failure were to occur due to invalid credentials being populated, notifications would be sent to our internal support staff so that they may identify and correct the account details.

**STANDARDS UPDATES (INCLUDING STANDARDS VERSION ADVANCEMENT PROCESS (SVAP) AND UNITED STATES CORE DATA FOR INTEROPERABILITY (USCDI))**

[ X ] No, none of my products includes these voluntary standards

<b>Standard (and version)</b>	N/A
<b>Updated certification criteria and associated</b>	N/A
<b>CHPL Product Number</b>	15.04.04.2984.Medg.09.02.1.220915
<b>Conformance measure</b>	170.315(b)(1), 170.315(e)(1), 170.315(h)(1)

**Care Settings(s)**

**General practitioner** - Clinicians in this setting can utilize the ability to send patient’s HPI via Direct messages. This clinical workflow would not require any adjustment for the measurement.

**OBGYN** - Clinicians in this setting can utilize the ability to send patient’s HPI via Direct messages. This clinical workflow would not require any adjustment for the measurement.

**Pediatric** - Clinicians in this setting can utilize the ability to send patient’s HPI via Direct messages. This clinical workflow would not require any adjustment for the measurement.

**Dermatology** - Clinicians in this setting can utilize the ability to send patient’s HPI via Direct messages. This clinical workflow would not require any adjustment for the measurement.

**Podiatry** - Clinicians in this setting can utilize the ability to send patient’s HPI via Direct messages. This clinical workflow would not require any adjustment for the measurement.

## Metrics and Outcomes

### 170.315(b)(1)

At the end of each quarter of year 2024 we have run an analysis to calculate the referrals entered in our system for ~100 of our clients. On average, we have discovered that of the referrals entered into our system **9%** of them had DIRECT messages sent of the electronic patient chart to an outside system. Of the messages sent electronically, we had **97.5%** success rate. The high success rate shows that our users are able to successfully transmit an electronic CCDA document for a patient to an outside system via the DIRECT transmission method.

The messages analyzed were comprised of all care settings that our EMR software works with. Below is a screen shot of a quarterly review of the Transition of Care report card.

Measure: Transition of Care - 170.315(b)(1)								
Dates: 01/01/2024 -- 03/31/2024 Group By: Practice								
Outgoing Referrals								
Group	Referral Count	DIRECT	%	Success	%	Error	%	
Vle	288	1	0.35%	1	100%	0	0%	
Su	2427	1	0.04%	1	100%	0	0%	
Dr.	11	10	90.91%	10	100%	0	0%	
SR	388	377	97.16%	377	100%	0	0%	
Me	0	451	0	451	100%	0	0%	
UF	0	4	0	4	100%	0	0%	
Jo:	52	4	7.69%	4	100%	0	0%	
Ce	16399	3	0.02%	3	100%	0	0%	
GE	236	5	2.12%	5	100%	0	0%	
So	523	30	5.74%	30	100%	0	0%	
Lai	0	3	0	3	100%	0	0%	
M.	15	1	6.67%	1	100%	0	0%	
OC	351	3	0.85%	3	100%	0	0%	
St.	1935	1	0.05%	1	100%	0	0%	
No	254	1	0.39%	1	100%	0	0%	

**170.315(e)(1)**

At the end of each quarter of year 2024, we have run an analysis to calculate patient portal access in our system for ~50 of our clients. Of the patients that accessed the patient portal, only a small percentage used the portal to generate and download a CCDA document. A portion of these patients also chose to transmit the CCDA document via DIRECT to an outside source. Of the DIRECT messages transmitted, we show a 97% success rate for transmission. The high success rate shows that our users are able to successfully view, download and transmit an electronic CCDA document from the patient portal to an outside system via the DIRECT transmission method.

The messages analyzed were comprised of all care settings that our EMR software works with. Below is a screen shot of a quarterly review of the VDT report card.

Measure: View, download, and transmit to 3rd party - 170.315(e)(1)

Dates: 01/01/2024 -- 03/31/2024 Group By: Practice

View, Download, Transmit

Group	Viewed	Download	Transmit	Success	%	Error	%
V	60	4	1	1	100%	0	0%
C	2451	52	4	4	100%	0	0%
C	100	0	1	1	100%	0	0%
H	243	14	1	1	100%	0	0%
S	80	2	1	1	100%	0	0%
B	133	10	3	3	100%	0	0%
S	308	6	1	1	100%	0	0%
P	431	0	0	0	0	0	0
K	6	0	0	0	0	0	0
M	43	0	0	0	0	0	0
D	1	0	0	0	0	0	0
A	14	0	0	0	0	0	0
D	8	0	0	0	0	0	0
D	65	0	0	0	0	0	0
M	10	0	0	0	0	0	0

**170.315(h)(1)**

At the end of each quarter of year 2024 we have run an analysis to calculate the success rate of all outgoing DIRECT messaging and all incoming DIRECT messaging for ~100 of our clients. On average, we have discovered that messages are sent and received at **97.7%** and **100%** success rate respectively. The high success rate shows that our users are able to successfully transmit a DIRECT message from our system as well as receive a DIRECT message. After further review of the failed DIRECT messages, we were able to trace a majority of the failures to a single practice and an incorrect setup of their DIRECT account in the dictionary. As a result measures have been put in place to notify our internal support team if a potential incident like this were to occur again.

The messages analyzed were comprised of all care settings that our EMR software works with. Below is a screen shot of a quarterly review of the DIRECT report card.

Measure: Direct Project - 170.315(h)(1)						
Dates:		01/01/2024	03/31/2024	Group By: Practice		
<b>Outgoing DIRECT Messages</b>						
Group	DIRECT	Success	%	Error	%	
M	451	451	100%	0	0%	
U	4	4	100%	0	0%	
L	3	3	100%	0	0%	
S	1	1	100%	0	0%	
lc	2	0	0%	2	100%	
E	1649	1647	99.88%	2	0.12%	
S	5112	0	0%	5112	100%	
Export To Excel						
<b>Incoming DIRECT Messages</b>						
Group	DIRECT	Success	%	Error	%	
-I	2	2	100%	0	0%	
M	67	67	100%	0	0%	
O	93	93	100%	0	0%	
S	195	195	100%	0	0%	
U	26	26	100%	0	0%	
Export To Excel						

Note: Full quarterly results for 2024 can be presented on request.

Measurement /Metric	Associated Criterion(a)	Relied Upon Software	Outcomes	Challenges Encountered (if applicable)
Transition of Care	170.315(b)(1)	UPDOX	97.5% Success Rate of all electronically submitted DIRECT messages	None
View, Download, and Transmit	170.315(e)(1)	None	97% Success Rate of all electronically submitted DIRECT	For this measure, we found it difficult to calculate a lot of data due to patients not actively using the DIRECT capabilities through the patient portal.
DIRECT project	170.315(h)(1)	UPDOX	97.7% Success Rate Outgoing 100% Success Rate Incoming	After review of failure numbers, we were able to trace many failures due to a single practice that had their DIRECT account information incorrectly populated. Measures were put in place to prevent this in the future

## Key Milestones

Key	Care Setting	Date/Timeframe
Start of Real-World Testing period	Per the care settings stated above	January 1 <sup>st</sup> , 2024
2024 1 <sup>st</sup> Quarter Data Collected, Analyzed and Reviewed	Per the care settings stated above	End of March 2024
2024 2 <sup>nd</sup> Quarter Data Collected, Analyzed and Reviewed	Per the care settings stated above	End of June 2024
2024 3 <sup>rd</sup> Quarter Data Collected, Analyzed and Reviewed	Per the care settings stated above	End of September 2024
2024 4 <sup>th</sup> Quarter Data Collected, Analyzed and Reviewed	Per the care settings stated above	End of December 2024
End of Real-World Testing period/final collection of all data for analysis.	Per the care settings stated above	January 1, 2024
Analysis and report creation.	Per the care settings stated above	January, 2024

# REAL WORLD TESTING RESULTS REPORT

**Comtron Inc.**

11 Grace Ave, Suite 208  
Great Neck, NY 11021

**Report Year: 2024**

**Conformance Measure: 170.315(b) (2)**

## GENERAL INFORMATION

**Plan Report ID Number:** [For ONC-Authorized Certification Body use only]

**Developer Name:** Comtron Inc.

**Product Name(s):** Medgen Electronic Medical Records

**Version Number(s):** Version 9.x

**Certified Health IT Product List (CHPL) Product Number(s):**

15.04.04.2984.Medg.09.02.1.220915

**Developer Real World Testing Plan Page URL:**

<https://portal.medgenehr.com/medgenweb/downloads/ComtronCompleteRWT2024.pdf>

**Developer Real World Testing Results Report Page URL:**

[https://portal.medgenehr.com/medgenweb/downloads/ComtronCompleteRWTResults\\_2024.pdf](https://portal.medgenehr.com/medgenweb/downloads/ComtronCompleteRWTResults_2024.pdf)

## CHANGES TO ORIGINAL PLAN

No changes made to the plan during the reporting period.

## WITHDRAWN PRODUCTS

No products withdrawn during the reporting period.

**SUMMARY OF TESTING METHODS AND KEY FINDINGS**

**170.315(b)(2)**

The testing method we used for this measure was data driven. We have constructed an RWT report card within our EMR system that will help us track the real-world interoperability and usability, specifically how often are C-CDA documents received from a third party electronically and incorporated into the patient chart. It will determine the success rate of incorporating the files into a patient chart. This method will demonstrate real-world interoperability in that all of these messages are live transactions sent out from our clients and will help us see that providers are receiving summary of care records for patient visits where the patient has transitioned to their care. Although the data is compiled across many of our clients, metrics displayed in these reports may be a sub-set of this data for illustrative purposes.

**STANDARDS UPDATES (INCLUDING STANDARDS VERSION ADVANCEMENT PROCESS (SVAP) AND UNITED STATES CORE DATA FOR INTEROPERABILITY (USCDI))**

[ X ] No, none of my products include these voluntary standards

<b>Standard (and version)</b>	N/A
<b>Updated certification criteria and associated</b>	N/A
<b>CHPL Product Number</b>	15.04.04.2984.Medg.09.02.1.220915
<b>Conformance measure</b>	170.315(b)(2)

## Care Settings(s)

**General practitioner** - Clinicians in this setting can utilize the ability to receive patient's PHI via Direct messages and reconciliation to the Medgen EHR. This clinical workflow would not require any adjustment for the measurement.

**OBGYN** - Clinicians in this setting can utilize the ability to receive patient's PHI via Direct messages and reconciliation to the Medgen EHR. This clinical workflow would not require any adjustment for the measurement.

**Pediatric** - Clinicians in this setting can utilize the ability to receive patient's PHI via Direct messages and reconciliation to the Medgen EHR. This clinical workflow would not require any adjustment for the measurement.

**Dermatology** - Clinicians in this setting can utilize the ability to receive patient's PHI via Direct messages and reconciliation to the Medgen EHR. This clinical workflow would not require any adjustment for the measurement.

**Podiatry** - Clinicians in this setting can utilize the ability to receive patient's PHI via Direct messages and reconciliation to the Medgen EHR.

## Metrics and Outcomes

At the end of each quarter of year 2024 we have run an analysis to calculate usage by determining the total number of patient visits and seeing the count of how many of those visits were identified as an incoming transition of care. Of patient visits transitioned, we have also determined how many shows the receipt of a summary of care record received and incorporated. The success rate is determined by how many of the summary of care records were successfully incorporated into the patient chart. On review, we have determined that the overall usage of the clinical reconciliation module varies from client to client where some clients are using it at a high rate and others chose to not use it as often. The presence of records delivered into the chart does show the usability of this module.

Of the summary of care records we received, we show **100%** rate of successfully incorporating the records into the patient's charts.

The messages analyzed were comprised of all care settings that our EMR software works with. Below is a screen shot of a quarterly review of the Clinical Reconciliation and Incorporation report card.

Measure: Clinical information reconciliation and incorporation - 170.315(b)(2)									
Dates: 01/01/2024		03/31/2024		Group By: Practice					
Transition of Care: Receive and Incorporate									
Group	Visits	Transitioned	%	SOC Available	SOC Unavailable	% SOC	Incorporated	%	
Dr	1011	192	18.99%	4	109	58.85%	4	100%	
SI	13	12	92.31%	12	0	100%	12	100%	
Sc	1823	136	7.46%	136	0	100%	136	100%	
Gi	375	1	0.27%	0	0	0%	0	0	
Ge	1596	1	0.06%	0	0	0%	0	0	
Inf	5446	269	4.94%	0	0	0%	0	0	
Mi	874	2	0.23%	0	0	0%	0	0	
Cc	1109	0	0%	0	0	0	0	0	

Measurement /Metric	Associated Criterion(a)	Relied Upon Software (if applicable)	Outcomes	Challenges Encountered (if applicable)
Clinical information reconciliation	170.315(b)(2)	None	100% Success Rate	None

## Key Milestones

Key	Care Setting	Date/Timeframe
Start of Real-World Testing period	Per the care settings stated above	January 1 <sup>st</sup> , 2024
2024 1 <sup>st</sup> Quarter Data Collected, Analyzed and Reviewed	Per the care settings stated above	End of March 2024
2024 2 <sup>nd</sup> Quarter Data Collected, Analyzed and Reviewed	Per the care settings stated above	End of June 2024
2024 3 <sup>rd</sup> Quarter Data Collected, Analyzed and Reviewed	Per the care settings stated above	End of September 2024
2024 4 <sup>th</sup> Quarter Data Collected, Analyzed and Reviewed	Per the care settings stated above	End of December 2024
End of Real-World Testing period/final collection of all data for analysis.	Per the care settings stated above	January 1, 2024
Analysis and report creation.	Per the care settings stated above	January, 2024

Note: Full quarterly results for 2024 can be presented on request

## REAL WORLD TESTING RESULTS REPORT

**Comtron Inc.**

11 Grace Ave, Suite 208  
Great Neck, NY 11021

**Report Year: 2024**

**Conformance Measure: 170.315(b) (3)**

### GENERAL INFORMATION

**Plan Report ID Number:** [For ONC-Authorized Certification Body use only]

**Developer Name:** Comtron Inc.

**Product Name(s):** Medgen Electronic Medical Records

**Version Number(s):** Version 9.x

**Certified Health IT Product List (CHPL) Product Number(s):**

15.04.04.2984.Medg.09.02.1.220915

**Developer Real World Testing Plan Page URL:**

<https://portal.medgenehr.com/medgenweb/downloads/ComtronCompleteRWT2024.pdf>

**Developer Real World Testing Results Report Page URL:**

[https://portal.medgenehr.com/medgenweb/downloads/ComtronCompleteRWTResults\\_2024.pdf](https://portal.medgenehr.com/medgenweb/downloads/ComtronCompleteRWTResults_2024.pdf)

### CHANGES TO ORIGINAL PLAN

No changes were made to the original test plan for this measure.

### WITHDRAWN PRODUCTS

No products withdrawn during the reporting period.

### SUMMARY OF TESTING METHODS AND KEY FINDINGS

The testing method we used for this measure was data driven. We have constructed an RWT report card within our EMR system that will help us track the frequency of usage of electronic prescriptions as well as the success rate of these transactions in a live client environment. We had specifically monitored the three main electronic transactions of New Prescription, Refill Request, and Rx History check. This method will demonstrate real-world interoperability in that all of these messages are live transactions sent out from our clients. Although the data is compiled over many of our clients metrics displayed in these reports may be a sub-set of this data for illustrative purposes.

**STANDARDS UPDATES (INCLUDING STANDARDS VERSION ADVANCEMENT PROCESS (SVAP) AND UNITED STATES CORE DATA FOR INTEROPERABILITY (USCDI))**

[ X ] No, none of my products include these voluntary standards

<b>Standard (and version)</b>	N/A
<b>Updated certification criteria and associated</b>	N/A
<b>CHPL Product Number</b>	15.04.04.2984.Medg.09.02.1.220915
<b>Conformance measure</b>	170.315(b)(3)

**Care Settings(s)**

**Internal Medicine** - Clinicians in this setting can utilize the ability to track electronic medication sent successfully with confirmation. This clinical workflow would not require any adjustment for the measurement.

**OBGYN** - Clinicians in this setting can utilize the ability to track electronic medication sent successfully with confirmation. This clinical workflow would not require any adjustment for the measurement.

**Pediatric** - Clinicians in this setting can utilize the ability to track electronic medication sent successfully with confirmation. This clinical workflow would not require any adjustment for the measurement.

**Dermatology** - Clinicians in this setting can utilize the ability to track electronic medication sent successfully with confirmation. This clinical workflow would not require any adjustment for the measurement.

**Podiatry** - Clinicians in this setting can utilize the ability to track electronic medication sent successfully with confirmation. This clinical workflow would not require any adjustment for the measurement.

**Metrics and Outcomes**

At the end of each quarter of year 2024 we have run an analysis to calculate the usage and success rate of electronic prescriptions for ~100 of our clients. On average, we have discovered that of all prescriptions entered into our system **98.63%** of these prescriptions were electronically prescribed. The high usage rate shows that our users are performing the action of submitting electronic prescriptions for a majority of all medications entered.

Of the prescriptions that were electronically prescribed, **99.15%** of them were successfully received by our script clearinghouse Surescripts. Due to the high Success rate this shows that the message format and vocabulary codes used in our messages are compliant.

The messages analyzed were comprised of all care settings that our EMR software works with. Below is a sample screen shot of a one-month review of the Electronic Prescription report card.

Measure: Electronic Prescribing - 170.315(b)(3)									
Dates:		01/01/2024	01/31/2024	Group By: Practice					
New Prescriptions									
Group	Total Script	Electronic	%	Success	%	Error	%	Printed	
-	1	1	100%	1	100%	0	0%	0	
.	9	9	100%	7	77.78%	2	22.22%	0	
1	880	877	99.66%	857	97.72%	20	2.28%	3	
1	2283	2258	98.9%	2238	99.11%	20	0.89%	25	
#	122	121	99.18%	120	99.17%	1	0.83%	1	
#	125	125	100%	125	100%	0	0%	0	
#	1978	1964	99.29%	1944	98.98%	20	1.02%	14	
Export To Excel									
Refill Requests									
Group	Total Requests	Reviewed	Not Reviewed	Responded	%	Success	%	Error	
.	3	0	3	0	0%	0	0%	0	
1	196	0	196	0	0%	0	0%	0	
1	225	225	0	151	67.11%	151	100%	0	
#	12	12	0	12	100%	12	100%	0	
#	73	73	0	72	98.63%	72	100%	0	
#	248	248	0	14	5.65%	14	100%	0	
Export To Excel									
Rx History									
Group	Total Requests	Success	%	Error	%				
A	16	16	100%	0	0%				
A	14	14	100%	0	0%				
A	5	5	100%	0	0%				
B	10	9	90%	1	10%				
Export To Excel									

Measurement /Metric	Associated Criterion(a)	Relied Upon Software (if applicable)	Outcomes	Challenges Encountered
E-Scribe Scripts	170.315(b)(3)	Surescripts/Dr. First	98.63% e-script rate	None
E-Script Success	170.315(b)(3)	Surescripts/Dr. First	99.15% Success Rate	None
Refill Request Success	170.315(b)(3)	Surescripts/Dr. First	99.04% Success Rate	None
Rx History Success	170.315(b)(3)	Surescripts/Dr. First	100% Success Rate	None

## Key Milestones

Key	Care Setting	Date/Timeframe
Start of Real-World Testing period	Per the care settings stated above	January 1 <sup>st</sup> , 2024
2024 1 <sup>st</sup> Quarter Data Collected, Analyzed and Reviewed	Per the care settings stated above	End of March 2024
2024 2 <sup>nd</sup> Quarter Data Collected, Analyzed and Reviewed	Per the care settings stated above	End of June 2024
2024 3 <sup>rd</sup> Quarter Data Collected, Analyzed and Reviewed	Per the care settings stated above	End of September 2024
2024 4 <sup>th</sup> Quarter Data Collected, Analyzed and Reviewed	Per the care settings stated above	End of December 2024
End of Real-World Testing period/final collection of all data for analysis.	Per the care settings stated above	January 1, 2024
Analysis and report creation.	Per the care settings stated above	January, 2024

Note: Full quarterly results for 2024 can be presented on request

# REAL WORLD TESTING RESULTS REPORT

**Comtron Inc.**

11 Grace Ave, Suite 208  
Great Neck, NY 11021

**Report Year: 2024**

**Conformance Measure:** 170.315(f) (1), 170.315(f) (2), 170.315(f) (7)

## GENERAL INFORMATION

**Plan Report ID Number:** [For ONC-Authorized Certification Body use only]

**Developer Name:** Comtron Inc.

**Product Name(s):** Medgen Electronic Medical Records

**Version Number(s):** Version 9.x

**Certified Health IT Product List (CHPL) Product Number(s):** 15.04.04.2984.Medg.09.02.1.220915

**Developer Real World Testing Plan Page URL:**

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## CHANGES TO ORIGINAL PLAN

No changes were made to the original test plan for this measure.

## WITHDRAWN PRODUCTS

No products withdrawn during the reporting period.

## SUMMARY OF TESTING METHODS AND KEY FINDINGS

### **170.315(f)(1)**

The testing method we used for this measure was data driven. We have constructed an RWT report card within our EMR system that will help us track the success rate of HL7 immunization records transmitted to the state registry in a live client environment. We have also monitored the successful creation and sending of immunization Query messages to the provider's corresponding state registry. This method will demonstrate real-world interoperability in that all of these messages are live transactions sent out by our clients. Although the data has been compiled over many of our clients, metrics displayed in these reports may be a sub-set of this data for illustrative purposes.

**170.315(f)(2)**

The testing method we used for this measure was data driven. We have constructed an RWT report card within our EMR system that will help us track the success rate of HL7 syndromic surveillance records transmitted to the state registry in a live client environment. This method will demonstrate real-world interoperability in that all of these messages are live transactions sent by our system from our clients. Although the data has been compiled over many of our clients, metrics displayed in these reports may be a sub-set of this data for illustrative purposes.

**170.315(f)(7)**

The testing method we used for this measure was data driven. We have constructed an RWT report card within our EMR system that will help us track the success rate of patient health summary records transmitted to Health Information Exchanges in a live client environment. This method will demonstrate real-world interoperability in that all of these messages are live transactions sent by our system by our clients. Although the data has been compiled over many of our clients, metrics displayed in these reports may be a sub-set of this data for illustrative purposes

**STANDARDS UPDATES (INCLUDING STANDARDS VERSION ADVANCEMENT PROCESS (SVAP) AND UNITED STATES CORE DATA FOR INTEROPERABILITY (USCDI))**

[ X ] No, none of my products include these voluntary standards

<b>Standard (and version)</b>	N/A
<b>Updated certification criteria and associated</b>	N/A
<b>CHPL Product Number</b>	15.04.04.2984.Medg.09.02.1.220915
<b>Conformance measure</b>	170.315(f)(1), 170.315(f)(2), 170.315(f)(7)

**Care Settings(s)**

**Primary Care** - Clinicians in this setting can utilize their immunization, syndromic surveillance, health care survey record to send to the state registry. This clinical workflow would not require any adjustment for the measurement.

**Pediatric** - Clinicians in this setting can utilize their immunization, syndromic surveillance, health care survey record to send to the state registry. This clinical workflow would not require any adjustment for the measurement.

## Metrics and Outcomes

### 170.315(f)(1)

At the end of each quarter of year 2024 we have run an analysis to calculate the usage and success rate of immunizations messages for ~250 of our clients. On average, we have discovered that of all immunizations records electronically submitted from our system, we had a **94.50%** success rate. The high success rate shows that our users are able to enter immunizations records into the system and transfer them over to their corresponding state registry.

At the end of each quarter of year 2024 we have run an analysis to calculate the usage and success rate of immunizations messages for ~250 of our clients. On average, we have discovered that of all immunizations query requests sent from our system, we had a **100%** successful response rate. The high success rate shows that our users are able to enter query immunizations records from their corresponding state registry.

The messages analyzed were comprised of all care settings that our EMR software works with. Below is a screen shot of a quarterly review of the immunization report card.

Measure: Transmission to immunization registries - 170.315(f)(1)						
Dates: 01/01/2024		03/31/2024		Group By: Practice		
Immunization Messages						
Group	Immunization	Success	%	Error	%	
Si	5	5	100%	0	0%	
Ki	25	25	100%	0	0%	
Di	8	8	100%	0	0%	
SI	51	51	100%	0	0%	
Si	5	5	100%	0	0%	
KI	1	1	100%	0	0%	
Ar	11	11	100%	0	0%	
Ei	278	276	99.28%	2	0.72%	
G	2	2	100%	0	0%	
Jc	291	291	100%	0	0%	
Pi	7	7	100%	0	0%	
W	1	1	100%	0	0%	
C	218	218	100%	0	0%	
S	200	200	100%	0	0%	

Export To Excel

Query Messages						
Group	Query	Success	%	Error	%	
-I	2	2	100%	0	0%	
A	797	797	100%	0	0%	
B	7	7	100%	0	0%	
C	124	124	100%	0	0%	
C	1	1	100%	0	0%	
D	90	90	100%	0	0%	
D	1	1	100%	0	0%	
F	596	596	100%	0	0%	

Export To Excel

**170.315(f)(2)**

At the end of each quarter of year 2024 we have run an analysis to calculate the usage and success rate of syndromic surveillance messages for ~10 of our clients. The submission of Syndromic Surveillance is far less utilized than the previous immunization messages resulting in a smaller sub-set of date. On average, we have discovered that of all syndromic surveillance records electronically submitted from our system, we had a **100%** success rate. The high success rate shows that our users are able to enter data related to syndromic surveillance and that our system is able to successfully transfer them to their corresponding state registry.

The messages analyzed were comprised of all care settings that our EMR software works with.

Below is a screen shot of a quarterly review of the Syndromic Surveillance report card.

Measure: Transmission to public health agencies — syndromic surveillance - 170.315(f)(2)						
Dates:		01/01/2024	---	03/31/2024	Group By: Practice	
Syndromic Messages						
Group	Message	Success	%	Error	%	
	7	7	100%	0	0%	
	14	14	100%	0	0%	
	7	7	100%	0	0%	
	7	7	100%	0	0%	
	7	7	100%	0	0%	
	14	14	100%	0	0%	
	7	7	100%	0	0%	
	14	14	100%	0	0%	
	21	21	100%	0	0%	
	7	7	100%	0	0%	
	7	7	100%	0	0%	
	14	14	100%	0	0%	
	7	7	100%	0	0%	
	7	7	100%	0	0%	
	49	49	100%	0	0%	
	7	7	100%	0	0%	

**170.315(f)(7)**

At the end of each quarter of year 2024 we have run an analysis to calculate the usage and success rate of patient summary records messages for **20** of our clients. We have discovered that the number of clients that have established a direct connection to a Health Information Exchange increased significantly in 2024 resulting in a larger sub-set of data reviewed than in the previous year. On average, we have discovered that of all patient summary records electronically submitted from our system, we had a 100% success rate. The high success rate shows that our users are able generate a patient summary record and that our system is able to successfully transfer them to a health exchange.

The messages analyzed were comprised of all care settings that our EMR software works with. Below is a screen shot of a quarterly review of the Health Record Exchange report card.

Measure: Transmission to public health agencies — health care surveys - 170.315(f)(7)						
Dates: 01/01/2024		03/31/2024		Group By: Practice		
Health Care Surveys						
Group	Generated	Success	%	Error	% Error	
J	3414	3414	100%	0	0%	
J	2373	2373	100%	0	0%	
J	2944	2944	100%	0	0%	
J	599	599	100%	0	0%	
J	9098	9098	100%	0	0%	
F	10446	10446	100%	0	0%	
F	4396	4396	100%	0	0%	
F	2019	2019	100%	0	0%	
C	1757	1757	100%	0	0%	
C	1170	1170	100%	0	0%	
I	2686	2686	100%	0	0%	
I	624	624	100%	0	0%	
I	778	778	100%	0	0%	
I	134	134	100%	0	0%	
I	4483	4483	100%	0	0%	
I	864	864	100%	0	0%	
I	1242	1242	100%	0	0%	
F	186	186	100%	0	0%	
I	684	684	100%	0	0%	
I	1863	1863	100%	0	0%	
F	270	270	100%	0	0%	
S	65	65	100%	0	0%	

Measurement /Metric	Associated Criterion(a)	Relied Upon Software	Outcomes	Challenges Encountered (if applicable)
Transmission to immunization registries	170.315(f)(1)	None	94.50% Success Rate	None
Query immunization	170.315(f)(1)	None	100% Response Rate	None
Transmission of Syndromic Surveillance	170.315(f)(2)	None	100% Success Rate	None
Transmission to Public Health Agency	170.315(f)(7)	None	100% Success Rate	None

## Key Milestones

Key	Care Setting	Date/Timeframe
Start of Real-World Testing period	Per the care settings stated above	January 1 <sup>st</sup> , 2024
2024 1 <sup>st</sup> Quarter Data Collected, Analyzed and Reviewed	Per the care settings stated above	End of March 2024
2024 2 <sup>nd</sup> Quarter Data Collected, Analyzed and Reviewed	Per the care settings stated above	End of June 2024
2024 3 <sup>rd</sup> Quarter Data Collected, Analyzed and Reviewed	Per the care settings stated above	End of September 2024
2024 4 <sup>th</sup> Quarter Data Collected, Analyzed and Reviewed	Per the care settings stated above	End of December 2024
End of Real-World Testing period/final collection of all data for analysis.	Per the care settings stated above	January 1, 2024
Analysis and report creation.	Per the care settings stated above	January, 2024

Note: Full quarterly results for 2024 can be presented on request

## REAL WORLD TESTING RESULTS REPORT

**Comtron Inc.**

11 Grace Ave, Suite 208  
Great Neck, NY 11021

**Report Year: 2024**

**Conformance Measure:** 170.315(c) (1), 170.315(c) (2), 170.315(c) (3)

### GENERAL INFORMATION

**Plan Report ID Number:** [For ONC-Authorized Certification Body use only]

**Developer Name:** Comtron Inc.

**Product Name(s):** Medgen Electronic Medical Records

**Version Number(s):** Version 9.x

**Certified Health IT Product List (CHPL) Product Number(s):** 15.04.04.2984.Medg.09.02.1.220915

**Developer Real World Testing Plan Page URL:**

<https://portal.medgenehr.com/medgenweb/downloads/ComtronCompleteRWT2024.pdf>

**Developer Real World Testing Results Report Page URL:**

[https://portal.medgenehr.com/medgenweb/downloads/ComtronCompleteRWTResults\\_2024.pdf](https://portal.medgenehr.com/medgenweb/downloads/ComtronCompleteRWTResults_2024.pdf)

### CHANGES TO ORIGINAL PLAN

Due to the nature of these measures during the quarterly report card review we have decided to strictly focus on results obtained during the 1<sup>st</sup> quarter of 2024. Clients are expected to review and report for clinical quality measures during the 1<sup>st</sup> quarter of a calendar year for the results obtained during the previous year. As a result, the most activity that occurred for this measure took place during the 1<sup>st</sup> quarter of 2024. Although the report cards were reviewed for the other quarters of 2024 as per the originally drawn up Key Milestones, the data collected for the purpose of this report was taken from the 1<sup>st</sup> quarter.

## WITHDRAWAN PRODUCTS

No products withdrawn during the reporting period.

## SUMMARY OF TESTING METHODS AND KEY FINDINGS

### ***170.315(c)(1)***

The testing method we used for this measure was a combination of data driven and survey related results. We have constructed an RWT report card within our EMR system that will help us track and count how many clients have clinical quality measures reports generated via our Clinical quality Measure Report Card. Although the data has been compiled over many of our clients, metrics displayed in these reports may be a sub-set of this data for illustrative purposes. The successful execution of this shows that the system is able to record the patients captured under each CQM measure as well as export a corresponding electronic file. After review it was determined that, the first quarter of the year was the best time to review the data since that is the period of time that Clinical Quality Measures must be reported by our clients.

### ***170.315(c)(2)***

The testing method we used for this measure was survey driven. We have constructed a survey to identify how many clients have utilized the import feature of the Clinical Quality Measure module within Medgen EMR to import QRDA-I files from an outside source. We have dispersed the surveys to clients that we had identified as actively using the Clinical Quality Measures module within Medgen. After reviewing the responses although clients were using the module for recording and reporting of the CQM measures we found little to none of the clients using the Import features. This is expected as the clients surveyed had been using our software for many years and there would be little need to import patient data from an outside source. We had walked a few clients through the import of QRDA-I documents generated via the Cypress testing tool into a Medgen Sandbox environment to help understand the ease-of-use of this module, but felt the results of this exercise would not be acceptable seeing it is not utilizing real-world data.

### ***170.315(c)(3)***

The testing method we used for this measure was a combination of data driven and survey related results. We have constructed an RWT report card within our EMR system that will help us track and count how many clients have generated a QRDA-III summary record from the Clinical Quality Measure module within Medgen EMR. Although the data has been compiled over many of our clients, metrics displayed in these reports may be a sub-set of this data for illustrative purposes. The successful creation, download, and upload of resulting file to the ONC portal shows that the system is able to report a summary of the patients captured under each CQM measure. After review it was determined that, the first quarter of the year was the best time to review the data since that is the period of time that Clinical Quality Measures must be reported by our clients

Survey questions were recorded on a scale of: Strongly Disagree (1), Disagree (2), Neither Disagree or Agree (3), Agree (4), Strongly Agree (5)

A sample of the survey that was dispersed for these measures can be found on the next page.

# Medgen EHR – Real World Test Plan Survey

170.315 (c)(1) – CQM: Record and Export  
170.315 (c)(2) – CQM: Import and Calculate  
170.315 (c)(3) – CQM: Report

**Practice Name:**  
**Practice Primary Specialty:**

Has your practice attested with ONC to report Clinical Quality Measures (CQM) for year 2024?  
[ YES / NO]

Did you use the Medgen EHR system for the entire calendar year of 2024 as it relates to the CQM data reported?  
[ YES / NO]

Did you import external patient data via a QRDA-I file from an outside software during reporting year 2024?  
[ YES / NO]

Did you use the built-in Medgen EHR CQM Reporting Module to review your CQM data?  
[ YES / NO]

Did you generate a QRDA-III summary file from the Medgen EHR system for the purpose of attestation?  
[ YES / NO]

Was the upload of the QRDA-III summary file generated from the Medgen EHR system successful?  
[ YES / NO]

Please list the CQM measures that were used for attestation (if known)

**Please select the option that best fits the following statements:**

The Medgen EHR CQM Reporting Module was easy to use to review my practice's CQM data.  
[ ] Strongly Disagree [ ] Disagree [ ] Neither Address nor Disagree [ ] Agree [ ] Strongly Agree

The Medgen EHR CQM Reporting Module was easy to use generate my practice's QRDA-III file for upload.  
[ ] Strongly Disagree [ ] Disagree [ ] Neither Address nor Disagree [ ] Agree [ ] Strongly Agree

I would use Medgen EHR CQM Reporting Module for future ONC attestations.  
[ ] Strongly Disagree [ ] Disagree [ ] Neither Address nor Disagree [ ] Agree [ ] Strongly Agree

This survey may be used for public record. Please select one of the following options.  
[ ] I approve the use of my name and/or practice name when displaying the results of this survey.  
[ ] I do not approve the use of my name and/or practice name when displaying the results of this survey.

**Date Completed:**  
**Completed by (Print Name):**  
**Title:**

**STANDARDS UPDATES (INCLUDING STANDARDS VERSION ADVANCEMENT PROCESS (SVAP) AND UNITED STATES CORE DATA FOR INTEROPERABILITY (USCDI))**

[ X ] No, none of my products includes these voluntary standards

<b>Standard (and version)</b>	N/A
<b>Updated certification criteria and associated</b>	N/A
<b>CHPL Product Number</b>	15.04.04.2984.Medg.09.02.1.220915
<b>Conformance measure</b>	170.315(c)(1), 170.315(c)(2), 170.315(c)(3)

**Care Settings(s)**

**Internal Medicine** - Clinicians in this setting can utilize this reporting tool to measure the clinical quality measure.

**OBGYN** - Clinicians in this setting can utilize this reporting tool to measure the clinical quality measure

**Pediatric** - Clinicians in this setting can utilize this reporting tool to measure the clinical quality measure

**Dermatology** - Clinicians in this setting can utilize this reporting tool to measure the clinical quality measure.

**Metrics and Outcomes**

***170.315(c)(1)***

During the first quarter of year 2024 we have run an analysis to calculate execution and export of clinical quality measures for ~25 of our clients that we have identified as participating in the ONC MACRA/MIPS reporting program. The clients were comprised of the care settings mentioned above. The high success rate, **100%**, shows that our system is able to record the data required to generate the CQM report cards and generate the corresponding export files for each patient. The CQM measure survey was distributed to each client and we have found that on average the clients Agree (4) / Strongly Agree (5) on the ease of use of this module.

The messages analyzed were comprised of all care settings that our EMR software works with. Below is a screen shot of a quarterly review of the CQM Report & Export report card.

Measure: CQM - record and export - 170.315(c)(1)

Dates: 01/01/2024 --- 03/31/2024 Group By: Practice

CQM Record & Export

Group	Record/Export	Success	%	Error	%
	24	24	100%	0	0%
	6	6	100%	0	0%
	72	72	100%	0	0%
	1	1	100%	0	0%
	73	73	100%	0	0%
	381	381	100%	0	0%
	109	109	100%	0	0%
	52	52	100%	0	0%
	73	73	100%	0	0%
	129	129	100%	0	0%
	32	32	100%	0	0%
	55	55	100%	0	0%
	246	246	100%	0	0%
UPPER MANHATTAN MEDICAL PC	70	70	100%	0	0%

Export To Excel

**170.315(c)(2)**

During the year 2024 we have identified our clients who were participating in the ONC MACRA/MIPS reporting program. The clients were comprised of the care settings mentioned above. The CQM measure survey was distributed to each client and we have found that little to no clients utilized the Import / Calculate feature of the Medgen Clinical Quality Measure module. We have determined that a majority of the clients surveyed were long standing clients and had little use of this module as no patient information was needed for import from an outside source. Walk-through sessions were conducted with a few clients to import sample data generated from the Cypress tool to a Medgen sandbox environment, however those results were not included in this report since it was not real-world data. Survey responses collected during this testing can give on request.

**170.315(c)(3)**

During the first quarter of year 2024 we have run an analysis to calculate execution and export of clinical quality measures QRDA-III summary file for ~25 of our clients that we have identified as participating in the ONC MACRA/MIPS reporting program. The clients were comprised of the care settings mentioned above. The high success rate, **100%**, shows that our system is able to generate the summary file required to upload to the ONC portal for successful attestation. The CQM measure survey was distributed to each client and we have found that on average the clients Agree (4) / Strongly Agree (5) on the ease of use of this module.

The messages analyzed were comprised of all care settings that our EMR software works with.

Measure: CQM - report - 170.315(c)(3)

Dates: 01/01/2024 --- 03/31/2024 Group By: Practice

CQM Report

Group	Record/Export	Success	%	Error	%
	6	6	100%	0	0%
	1	1	100%	0	0%
	4	4	100%	0	0%
	21	21	100%	0	0%
	4	4	100%	0	0%
	5	5	100%	0	0%
	1	1	100%	0	0%
	1	1	100%	0	0%
	1	1	100%	0	0%
	2	2	100%	0	0%
	1	1	100%	0	0%
	2	2	100%	0	0%
	4	4	100%	0	0%

Export To Excel

Measurement /Metric	Associated Criterion(a)	Relied Upon Software (if applicable)	Outcomes	Challenges Encountered (if applicable)
CQM – Record & Export	170.315(c)(1)	None	100% Success Rate	None
CQM – Import & Calculate	170.315(c)(2)	None	Little to no client participation	For this measure, we found it difficult to find a client that actually needed to utilize this measure in a real-world environment.
CQM - Report	170.315(c)(3)	None	100% Success Rate	None

## Key Milestones

Key	Care Setting	Date/Timeframe
Start of Real-World Testing period	Per the care settings stated above	January 1 <sup>st</sup> , 2024
2024 1 <sup>st</sup> Quarter Data Collected, Analyzed and Reviewed (primary data used for reporting)	Per the care settings stated above	End of March 2024
2024 2 <sup>nd</sup> Quarter Data Collected, Analyzed and Reviewed	Per the care settings stated above	End of June 2024
2024 3 <sup>rd</sup> Quarter Data Collected, Analyzed and Reviewed	Per the care settings stated above	End of September 2024
2024 4 <sup>th</sup> Quarter Data Collected, Analyzed and Reviewed	Per the care settings stated above	End of December 2024
End of Real-World Testing period/final collection of all data for analysis.	Per the care settings stated above	January 1, 2024
Analysis and report creation.	Per the care settings stated above	January, 2024

Note: Full quarterly results for 2024 or survey responses collected can be presented on request

## REAL WORLD TESTING RESULTS REPORT

**Comtron Inc.**

11 Grace Ave, Suite 208  
Great Neck, NY 11021

**Report Year: 2024**

**Conformance Measure:** 170.315(b) (10), 170.315(g) (7), 170.315(g) (9),  
170.315(g) (10)

### GENERAL INFORMATION

**Plan Report ID Number:** [For ONC-Authorized Certification Body use only]

**Developer Name:** Comtron Inc.

**Product Name(s):** Medgen Electronic Medical Records

**Version Number(s):** Version 9.x

**Certified Health IT Product List (CHPL) Product Number(s):** 15.04.04.2984.Medg.09.02.1.220915

**Developer Real World Testing Plan Page URL:**

<https://portal.medgenehr.com/medgenweb/downloads/ComtronCompleteRWT2024.pdf>

**Developer Real World Testing Results Report Page URL:**

[https://portal.medgenehr.com/medgenweb/downloads/ComtronCompleteRWTResults\\_2024.pdf](https://portal.medgenehr.com/medgenweb/downloads/ComtronCompleteRWTResults_2024.pdf)

### CHANGES TO ORIGINAL PLAN

No changes were made to the original test plan for this measure.

### WITHDRAWN PRODUCTS

No products withdrawn during the reporting period.

### SUMMARY OF TESTING METHODS AND KEY FINDINGS

**170.315(b)(10)**

The testing method we used for this measure was data driven. We have constructed an RWT report card within our EMR system that will help us track and count how many data export requests are made as well as the individual patient chart count. We have selected a sub-set of our clients to conduct training and review on the usage of the Data Export routine for capturing real-world data. The clients were given the How-To guide for installation and running of the Data Export program to conduct the steps independently. The metrics displayed in these reports may be a sub-set of this data for illustrative purposes. The successful download of the electronic patient records to the client system in encrypted form shows that the

users are able to perform the Data Export task. The fact that the clients were able to conduct these steps independently show that users are able to complete Data Export without our intervention.

**170.315(g)(7)**

The testing method we used for this measure was data driven. We have constructed an RWT report card within our EMR system that will help us track and count how many API requests are made for the purpose of patient query/selection. We have reviewed multiple third-party vendor connections that utilize our API. Instructions to integrate with our API is made public for vendors to establish this connection and because we have connections in place shows that they are able to complete this integration. The metrics displayed in these reports may be a sub-set of this data for illustrative purposes. The successful completion of an API request and response shows that a patient selection can be performed. The fact that the vendors were able to conduct these steps independently show that users are able to complete Data Export without our intervention.

**170.315(g)(9)**

The testing method we used for this measure was data driven. We have constructed an RWT report card within our EMR system that will help us track and count how many API requests are made for the purpose of full patient data access. We have reviewed multiple third-party vendor connections that utilize our API. Instructions to integrate with our API is made public for vendors to establish this connection and because we have connections in place shows that they are able to complete this integration. The metrics displayed in these reports may be a sub-set of this data for illustrative purposes. The successful completion of an API request and response shows that a full data patient request can be performed. The fact that the vendors were able to conduct these steps independently show that users are able to complete Data Export without our intervention.

**170.315(g)(10)**

The testing method we used for this measure was data driven. We have constructed an RWT report card within our EMR system that will help us track and count how many FHIR API requests are made for the purpose of full patient data access. We have reviewed third-party vendor connections that utilize our FHIR API based on registration. Instructions to integrate with our FHIR API is made public for vendors to establish this connection and because we have connections in place shows that they are able to complete this integration. The metrics displayed in these reports may be a sub-set of this data for illustrative purposes. The successful completion of a FHIR API request and response shows that a full data patient request can be performed. The fact that the vendors were able to conduct these steps independently show that users are able to complete an integration with our FHIR API. Additionally utilizing the ONC Inferno test environment will act as a 3<sup>rd</sup> party vendor attempting to make a connection to our FHIR API. Successful completion of the test cases presents there will indicate that a successful FHIR integration is possible.

**STANDARDS UPDATES (INCLUDING STANDARDS VERSION ADVANCEMENT PROCESS (SVAP) AND UNITED STATES CORE DATA FOR INTEROPERABILITY (USCDI))**

[ X ] No, none of my products includes these voluntary standards

<b>Standard (and version)</b>	N/A
<b>Updated certification criteria and associated</b>	N/A
<b>CHPL Product Number</b>	15.04.04.2984.Medg.09.02.1.220915
<b>Conformance measure</b>	170.315(b)(10), 170.315(g)(7), 170.315(g)(9), 170.315(g)(10)

**Care Settings(s)**

**Internal Medicine** - Clinicians in this setting can utilize the Medgen Data Export routine, which also utilizes the API feature to store patient data locally. Third party vendors for this setting may also utilize the Medgen API for the purpose of query or extract of patient Category/Full data.

**OBGYN** - Clinicians in this setting can utilize the Medgen Data Export routine, which also utilizes the API feature to store patient data locally. Third party vendors for this setting may also utilize the Medgen API for the purpose of query or extract of patient Category/Full data.

**Pediatric** - Clinicians in this setting can utilize the Medgen Data Export routine, which also utilizes the API feature to store patient data locally. Third party vendors for this setting may also utilize the Medgen API for the purpose of query or extract of patient Category/Full data.

**Dermatology** - Clinicians in this setting can utilize the Medgen Data Export routine, which also utilizes the API feature to store patient data locally. Third party vendors for this setting may also utilize the Medgen API for the purpose of query or extract of patient Category/Full data.

**Podiatry** - Clinicians in this setting can utilize the Medgen Data Export routine, which also utilizes the API feature to store patient data locally. Third party vendors for this setting may also utilize the Medgen API for the purpose of query or extract of patient Category/Full data.

## Metrics and Outcomes

### **170.315(b)(10)**

We have run an analysis to calculate the successful request and download of a patient chart record through the Medgen Data Export routine for clients utilizing the program over the course of a week. The client's were comprised of the care settings mentioned above. We have seen a **100%** success rate of download of all patient charts requested.

Below is a screen shot of a quarterly review of the Data Export report card.

Measure: Electronic Health Information - 170.315(b)(10)							
Dates: 01/01/2024		03/31/2024		Group By: Practice			
Data Export							
Group	Exports	Patients Exported	Success	%	Error	%	
	1	582	582	100%	0	0%	
	1	298	298	100%	0	0%	
	1	108	108	100%	0	0%	
	1	136	136	100%	0	0%	
	1	190	190	100%	0	0%	
	1	56	56	100%	0	0%	

### **170.315(g)(7)**

We have run an analysis to calculate the successful request and response of a patient selection request through the Medgen API from an outside vendor. The clients whose data was involved were comprised of the care settings mentioned above. We have seen a **100%** success rate of response of all API requests sent.

Below is a screen shot of a quarterly review of the API patient selection report card.

Measure: Application access — patient selection - 170.315(g)(7)						
Dates: 01/01/2024		03/31/2024		Group By: Practice		
Application access						
Group	Generated	Success	%	Error	%	
	582	582	100%	0	0%	
	298	298	100%	0	0%	
	102	102	100%	0	0%	
	140	140	100%	0	0%	
	194	194	100%	0	0%	
	52	52	100%	0	0%	

**170.315(g)(9)**

We have run an analysis to calculate the successful request and response of a full patient data request through the Medgen API from an outside vendor. The clients whose data was involved were comprised of the care settings mentioned above. We have seen a **100%** success rate of response of all API requests sent.

Below is a screen shot of a quarterly review of the API full patient data report card.

Measure: Application access — all data request - 170.315(g)(9)						
Dates: 01/01/2024		03/31/2024		Group By: Practice		
Application access						
Group	Generated	Success	%	Error	% Error	
/	582	582	100%	0	0%	
l	298	298	100%	0	0%	
l	108	108	100%	0	0%	
c	136	136	100%	0	0%	
l	190	190	100%	0	0%	
c	56	56	100%	0	0%	

**170.315(g)(10)**

We have tracked the FHIR API client registrations and session logs to verify successful registrations and connections to the FHIR API.

We have completed the User test cases present on the Inferno ONC Certification (g)(10) Standardized API v.7.0.3 test tool using our FHIR end point. Full results can be supplied on request.

(g)(10) Standardized API	Date Conducted: 05/28/2024
1 Standalone Patient App	PASS
2 Limited Access App	PASS
3 EHR Practitioner App	PASS
4 Single Patient API	PASS
7 Multi-Patient API	PASS
9 Additional Authorization Tests	PASS

**Active FHIR Sessions Q2 - 2024**

April 2024	244
May 2024	110
June 2024	532

Measurement /Metric	Associated Criterion(a)	Relied Upon Software	Outcomes	Challenges Encountered (if applicable)
Electronic Health Information Export	170.315(b)(10)	None	100% Success Rate	Data Export is not a widely used module by clients
Application Access – patient selection	170.315(g)(7)	None	100% Success Rate	None
Application Access – all data request	170.315(g)(9)	None	100% Success Rate	None
Standardized API for patient and population services	170.315(g)(10)	None	Successful Inferno Test Case Output, Successful Active Client Sessions	FHIR connections were not a widely utilized feature from 3 <sup>rd</sup> party vendors during the 2024 calendar year

## Key Milestones

Key	Care Setting	Date/Timeframe
Start of Real-World Testing period	Per the care settings stated above	January 1 <sup>st</sup> , 2024
2024 1 <sup>st</sup> Quarter Data Collected, Analyzed and Reviewed	Per the care settings stated above	End of March 2024
2024 2 <sup>nd</sup> Quarter Data Collected, Analyzed and Reviewed	Per the care settings stated above	End of June 2024
2024 3 <sup>rd</sup> Quarter Data Collected, Analyzed and Reviewed	Per the care settings stated above	End of September 2024
2024 4 <sup>th</sup> Quarter Data Collected, Analyzed and Reviewed	Per the care settings stated above	End of December 2024
End of Real-World Testing period/final collection of all data for analysis.	Per the care settings stated above	January 1, 2024
Analysis and report creation.	Per the care settings stated above	January, 2024

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