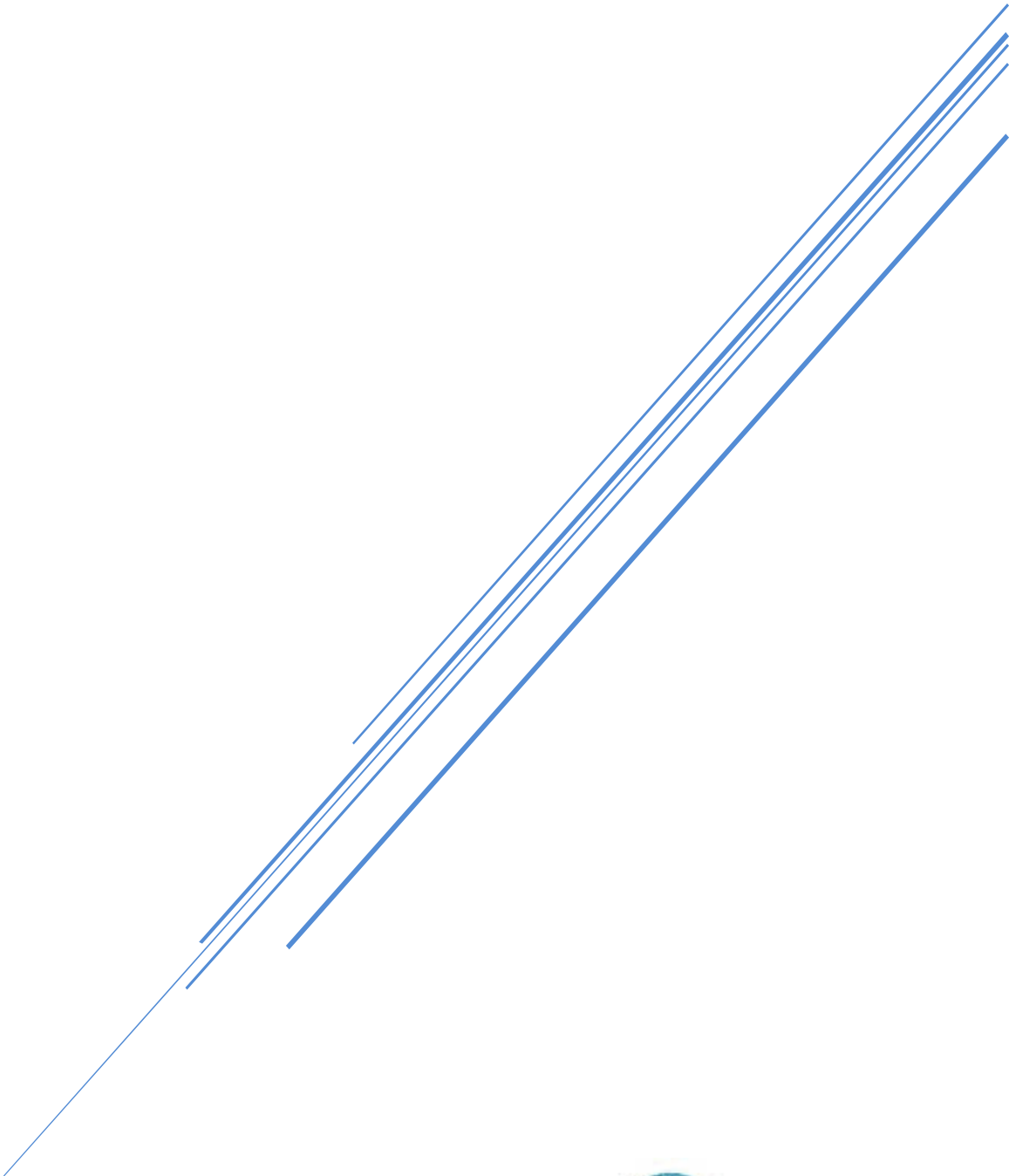


# Medgen EMR

Real World Test Plan Results

Reporting Year - 2022





Empowering the Patient and Provider Experience.

## REAL WORLD TESTING RESULTS REPORT

**Comtron Inc.**

11 Grace Ave, Suite 208  
Great Neck, NY 11021

**Report Year:** 2022

**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 8.0

**Certified Health IT Product List (CHPL) Product Number(s):** 15.04.04.2984.Medg.08.01.1.210524

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

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

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

[https://portal.medgenehr.com/medgenweb/downloads/ComtronCompleteRWTResults\\_2022.pdf](https://portal.medgenehr.com/medgenweb/downloads/ComtronCompleteRWTResults_2022.pdf)

### CHANGES TO ORIGINAL PLAN

No changes were made to the plan during the reporting period.

### WITHDRAWN PRODUCTS

No products were withdrawn during the reporting period.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)(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 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)(3)***

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.

## 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.08.01.1.210524
<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 2022 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 6% of them had DIRECT messages sent of the electronic patient chart to an outside system. Of the messages sent electronically, we had 96% 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: 01/01/2022 - 03/31/2022 Group By: Practice

Outgoing Referrals

Group	Referral Count	DIRECT	%	Success	%	Error	%
He	3	0	0%	0	0	0	0
Ne	0	2	0	2	100%	0	0%
SR	332	211	63.55%	211	100%	0	0%
INT	384	0	0%	0	0	0	0
Se	1	0	0%	0	0	0	0
SIE	5	0	0%	0	0	0	0
Me	0	315	0	311	98.73%	4	1.27%
No	1	0	0%	0	0	0	0
Glc	48	0	0%	0	0	0	0
Drs	48	0	0%	0	0	0	0
AA	242	0	0%	0	0	0	0
Fei	140	0	0%	0	0	0	0
Re	3293	0	0%	0	0	0	0
Ed	8	0	0%	0	0	0	0
ME	14	0	0%	0	0	0	0
Na	5	0	0%	0	0	0	0
Dr	5	0	0%	0	0	0	0
Su	441	0	0%	0	0	0	0
Thi	1	0	0%	0	0	0	0
UP	4	1	25%	0	0%	1	100%
CC	54	0	0%	0	0	0	0
GL	139	0	0%	0	0	0	0
NY	516	0	0%	0	0	0	0
EL	1	0	0%	0	0	0	0
Joe	191	32	16.75%	32	100%	0	0%

Export To Excel

**170.315(e)(1)**

At the end of each quarter of year 2022 we have run an analysis to calculate patient portal access in our system for ~100 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 95% 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: 01/01/2022 03/31/2022 Group By: Practice

View, Download, Transmit

Group	Viewed	Download	Transmit	Success	%	Error	%
W	6	0	0	0	0	0	0
M	255	0	3	3	100%	0	0%
Si	34	0	0	0	0	0	0
O	150	0	2	2	100%	0	0%
t	6	0	0	0	0	0	0
H	222	10	3	3	100%	0	0%
Al	2	0	0	0	0	0	0
Bl	7	1	0	0	0	0	0
Si	100	2	0	0	0	0	0
Yl	2	0	0	0	0	0	0
R	152	3	1	1	100%	0	0%
L	5	0	0	0	0	0	0
Si	27	0	0	0	0	0	0
T	1	0	0	0	0	0	0
Fl	35	0	0	0	0	0	0
O	10	2	0	0	0	0	0
M	74	0	0	0	0	0	0
Jc	1	0	0	0	0	0	0
G	35	1	0	0	0	0	0
Bl	177	0	1	1	100%	0	0%
Q	188	1	0	0	0	0	0
Aj	225	2	0	0	0	0	0
Bl	1	0	0	0	0	0	0
In	1	0	0	0	0	0	0
L	37	0	0	0	0	0	0

Export To Excel

**170.315(h)(1)**

At the end of each quarter of year 2022 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 98% 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..

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: 01/01/2022  --- 03/31/2022  Group By: Practice 

Outgoing DIRECT Messages

Group	DIRECT	Success	%	Error	%
C	1	1	100%	0	0%
N	2	2	100%	0	0%
M	315	311	98.73%	4	1.27%
U	1	0	0%	1	100%
S	3	3	100%	0	0%
L	12	12	100%	0	0%
C	8	2	25%	6	75%
A	2	2	100%	0	0%
lc	1	1	100%	0	0%
G	1	1	100%	0	0%
-I	11	9	81.82%	2	18.18%
E	1691	1668	98.64%	23	1.36%

 Export To Excel

Incoming DIRECT Messages

Group	DIRECT	Success	%	Error	%
A	2	2	100%	0	0%
C	56	56	100%	0	0%
G	70	70	100%	0	0%
G	47	47	100%	0	0%
G	70	70	100%	0	0%
lr	7	7	100%	0	0%
M	55	55	100%	0	0%
Napat Medical P.C.	158	158	100%	0	0%

 Export To Excel

 Refresh

Measurement /Metric	Associated Criterion(a)	Relied Upon Software (if applicable)	Outcomes	Challenges Encountered (if applicable)
Transition of Care	170.315(b)(1)	UPDOX	96% Success Rate of all electronically submitted DIRECT	None
View, Download, and Transmit	170.315(e)(1)	UPDOX	96% 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
DIRECT project	170.315(h)(1)	UPDOX	98% Success Rate Outgoing 100% Success Rate Incoming	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> , 2022
2022 1 <sup>st</sup> Quarter Data Collected, Analyzed and Reviewed	Per the care settings stated above	End of March 2022
2022 2 <sup>nd</sup> Quarter Data Collected, Analyzed and Reviewed	Per the care settings stated above	End of June 2022
2022 3 <sup>rd</sup> Quarter Data Collected, Analyzed and Reviewed	Per the care settings stated above	End of September 2022
2022 4 <sup>th</sup> Quarter Data Collected, Analyzed and Reviewed	Per the care settings stated above	End of December 2022
End of Real-World Testing period/final collection of all data for analysis.	Per the care settings stated above	January 1, 2023
Analysis and report creation.	Per the care settings stated above	January, 2023

Below is a sample of the quarterly results – 2022 1<sup>st</sup> Quarter

**170.315(b)(1)**

ClientId	Referral	DIRECT	%	SUCCESS	%	ERROR	%
10000		11	0	0%	0	0	0
10006		54	0	0%	0	0	0
10013		48	0	0%	0	0	0
10065		7	0	0%	0	0	0
10079		2	0	0%	0	0	0
10084		2	0	0%	0	0	0
10093		37	1	2.70%	1	100%	0
10162		37	0	0%	0	0	0
10171		766	0	0%	0	0	0
10185		1053	0	0%	0	0	0
10190		76	1	1.32%	1	100%	0
10215		968	0	0%	0	0	0
10218		165	0	0%	0	0	0
10229		60	1	1.67%	1	100%	0
10233		336	0	0%	0	0	0
10241		22	0	0%	0	0	0
10242		310	0	0%	0	0	0
10245		3	0	0%	0	0	0
10254		46	0	0%	0	0	0
10290		52	0	0%	0	0	0
10308		4	0	0%	0	0	0
10309		1	0	0%	0	0	0
10330		8	0	0%	0	0	0
104		90	0	0%	0	0	0
110		490	0	0%	0	0	0
1124		67	14	20.90%	14	100%	0
1206		43	0	0%	0	0	0
1426		83	0	0%	0	0	0
149		2376	0	0%	0	0	0
1600		104	0	0%	0	0	0
1667		67	0	0%	0	0	0
1700		166	0	0%	0	0	0
1733		2	0	0%	0	0	0
174		1	2	200%	2	100%	0
179		89	0	0%	0	0	0
2085		110	0	0%	0	0	0
2123		1125	3	0.27%	3	100%	0
2152		59	0	0%	0	0	0

2187	13	13	100%	13	100%	0	0%
2278	3	0	0%	0	0	0	0
245	0	2	0	2	100%	0	0%
2532	332	211	63.55%	211	100%	0	0%
2573	384	0	0%	0	0	0	0
263	1	0	0%	0	0	0	0
2635	5	0	0%	0	0	0	0
2658	0	315	0	311	98.73%	4	1.27%
2662	1	0	0%	0	0	0	0
2664	48	0	0%	0	0	0	0
267	48	0	0%	0	0	0	0
2960	242	0	0%	0	0	0	0
3344	140	0	0%	0	0	0	0
35	3293	0	0%	0	0	0	0
3666	8	0	0%	0	0	0	0
3672	14	0	0%	0	0	0	0
3748	5	0	0%	0	0	0	0
3814	5	0	0%	0	0	0	0
3849	441	0	0%	0	0	0	0
4036	1	0	0%	0	0	0	0
4142	4	1	25%	0	0%	1	100%
4198	54	0	0%	0	0	0	0
425	139	0	0%	0	0	0	0
4308	516	0	0%	0	0	0	0
4329	1	0	0%	0	0	0	0
4401	191	32	16.75%	32	100%	0	0%
444	11018	0	0%	0	0	0	0
4576	192	2	1.04%	2	100%	0	0%
4715	1	0	0%	0	0	0	0
5166	1	0	0%	0	0	0	0
5185	4	0	0%	0	0	0	0
5356	2	0	0%	0	0	0	0
556	109	0	0%	0	0	0	0
5824	1	0	0%	0	0	0	0
6	93	0	0%	0	0	0	0
607	126	0	0%	0	0	0	0
610	28	0	0%	0	0	0	0
6278	21	0	0%	0	0	0	0
6433	1260	0	0%	0	0	0	0
6434	4	0	0%	0	0	0	0
644	563	56	9.95%	56	100%	0	0%
7	349	0	0%	0	0	0	0
704	37	0	0%	0	0	0	0

7216	2	0	0%	0	0	0	0
7308	1	0	0%	0	0	0	0
755	66	0	0%	0	0	0	0
7966	64	1	1.56%	1	100%	0	0%
8136	145	0	0%	0	0	0	0
8247	161	0	0%	0	0	0	0
8249	644	0	0%	0	0	0	0
8260	0	12	0	12	100%	0	0%
836	22	0	0%	0	0	0	0
881	125	0	0%	0	0	0	0
885	5	0	0%	0	0	0	0
8938	1201	0	0%	0	0	0	0
912	285	10	3.51%	4	40%	6	60%
916	138	0	0%	0	0	0	0
943	210	1	0.48%	1	100%	0	0%
9448	3	0	0%	0	0	0	0
9454	643	0	0%	0	0	0	0
9500	1676	0	0%	0	0	0	0
955	748	3	0.40%	3	100%	0	0%
9573	33	0	0%	0	0	0	0
9616	11	0	0%	0	0	0	0
9670	1916	0	0%	0	0	0	0
9676	24	0	0%	0	0	0	0
9796	27	0	0%	0	0	0	0
9804	45	2	4.44%	2	100%	0	0%
9836	4	0	0%	0	0	0	0
9861	46	0	0%	0	0	0	0
9863	694	0	0%	0	0	0	0
9875	3	0	0%	0	0	0	0
9889	27	0	0%	0	0	0	0
9912	1	0	0%	0	0	0	0
9913	8	0	0%	0	0	0	0
9921	140	0	0%	0	0	0	0
9933	157	0	0%	0	0	0	0
9946	159	0	0%	0	0	0	0
9949	254	1	0.39%	1	100%	0	0%
DF	11	11	100.00%	9	81.82%	2	18.18%
ES	1691	1691	100.00%	1668	100.00%	23	1.36%
MAS	1187	0	0%	0	0	0	0
TEST	10	0	0%	0	0	0	0

**170.315(e)(1)**

ClientId	Viewed	Download	Transmit	SUCCESS	%	ERROR	%
10093	2	0	0	0	0	0	0
10185	1	0	0	0	0	0	0
10190	1	0	0	0	0	0	0
10215	436	0	0	0	0	0	0
10218	33	1	1	1	100%	0	0%
10236	80	0	0	0	0	0	0
1024	3	0	0	0	0	0	0
10241	1	0	0	0	0	0	0
104	1	0	0	0	0	0	0
1124	23	0	0	0	0	0	0
1404	13	0	0	0	0	0	0
1478	6	0	0	0	0	0	0
1479	19	0	0	0	0	0	0
149	45	1	0	0	0	0	0
1596	45	0	0	0	0	0	0
1600	7	0	0	0	0	0	0
1667	566	3	0	0	0	0	0
1700	55	1	0	0	0	0	0
1733	3	0	0	0	0	0	0
174	138	7	0	0	0	0	0
179	297	15	2	2	100%	0	0%
2048	7	0	0	0	0	0	0
2123	8	0	0	0	0	0	0
2187	6	0	0	0	0	0	0
2227	5	0	0	0	0	0	0
2242	1	0	0	0	0	0	0
2470	89	1	0	0	0	0	0
2532	33	0	0	0	0	0	0
2561	5	0	0	0	0	0	0
2573	1	0	0	0	0	0	0
263	11	0	0	0	0	0	0
2638	3	0	0	0	0	0	0
2662	7	0	0	0	0	0	0
2673	42	0	0	0	0	0	0
292	4	0	0	0	0	0	0
2960	30	0	0	0	0	0	0
327	1	0	0	0	0	0	0
3447	1	0	0	0	0	0	0
348	109	2	1	1	100%	0	0%
35	42	0	0	0	0	0	0

3641	1	0	0	0	0	0	0
3739	22	0	0	0	0	0	0
3814	47	0	0	0	0	0	0
3821	81	1	0	0	0	0	0
3996	5	0	0	0	0	0	0
4142	58	2	1	1	100%	0	0%
4195	3	0	0	0	0	0	0
425	34	0	0	0	0	0	0
4329	40	2	0	0	0	0	0
4401	36	4	0	0	0	0	0
444	1065	25	3	3	100%	0	0%
4564	35	0	0	0	0	0	0
4715	54	0	0	0	0	0	0
4992	33	0	0	0	0	0	0
5196	26	0	0	0	0	0	0
5522	3	0	0	0	0	0	0
5559	4	0	0	0	0	0	0
556	6	0	0	0	0	0	0
5824	255	0	3	3	100%	0	0%
644	34	0	0	0	0	0	0
6709	150	0	2	2	100%	0	0%
7	6	0	0	0	0	0	0
704	222	10	3	3	100%	0	0%
750	2	0	0	0	0	0	0
7966	7	1	0	0	0	0	0
8136	100	2	0	0	0	0	0
8247	2	0	0	0	0	0	0
8249	152	3	1	1	100%	0	0%
8260	5	0	0	0	0	0	0
881	27	0	0	0	0	0	0
885	1	0	0	0	0	0	0
9105	35	0	0	0	0	0	0
912	10	2	0	0	0	0	0
916	74	0	0	0	0	0	0
9353	1	0	0	0	0	0	0
943	35	1	0	0	0	0	0
9443	177	0	1	1	100%	0	0%
9454	188	1	0	0	0	0	0
955	225	2	0	0	0	0	0
9616	1	0	0	0	0	0	0
9725	1	0	0	0	0	0	0
9747	37	0	0	0	0	0	0
9765	125	0	0	0	0	0	0

9804	86	5	0	0	0	0	0
9863	1	0	0	0	0	0	0
9875	8	1	0	0	0	0	0
9913	251	0	1	1	100%	0	0%
9933	1	0	0	0	0	0	0
9949	29	0	0	0	0	0	0
DF	10	1	1	0	0%	1	100%
MAS	121	3	0	0	0	0	0
TEST	6	0	0	0	0	0	0
	<b>6118</b>	<b>97</b>	<b>20</b>	<b>19</b>	<b>95%</b>		

**170.315(h)(1)**

ClientId	Outgoing	SUCCESS	%	ERROR	%
174	1	1	100%	0	0%
245	2	2	100%	0	0%
2658	315	311	98.73%	4	1.27%
4142	1	0	0%	1	100%
644	3	3	100%	0	0%
8260	12	12	100%	0	0%
912	8	2	25%	6	75%
955	2	2	100%	0	0%
9804	1	1	100%	0	0%
9949	1	1	100%	0	0%
DF	11	9	81.82%	2	18.18%
ES	1691	1668	98.64%	23	1.36%

ClientId	Incoming	SUCCESS	%	ERROR	%	
955		2	2	100%	0	0%
607		56	56	100%	0	0%
943		70	70	100%	0	0%
174		47	47	100%	0	0%
9949		70	70	100%	0	0%
9875		7	7	100%	0	0%
5824		55	55	100%	0	0%
3748		158	158	100%	0	0%
912		414	414	100%	0	0%
3821		87	87	100%	0	0%
644		17	17	100%	0	0%
4142		653	653	100%	0	0%



Empowering the Patient and Provider Experience.

## REAL WORLD TESTING RESULTS REPORT

**Comtron Inc.**

11 Grace Ave, Suite 208  
Great Neck, NY 11021

**Report Year:** 2022

**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 8.0

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

15.04.04.2984.Medg.08.01.1.210524

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

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

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

[https://portal.medgenehr.com/medgenweb/downloads/ComtronCompleteRWTResults\\_2022.pdf](https://portal.medgenehr.com/medgenweb/downloads/ComtronCompleteRWTResults_2022.pdf)

### CHANGES TO ORIGINAL PLAN

Originally this test plan was drawn up to survey individual clients in regards to the frequency and ease of use of receiving and incorporating C-CDA documents into the Medgen system for clinical reconciliation however during the first quarter of review we have determined that a report card could be generated instead. We were able to calculate the number of patients that are transitioned into a provider's care, of the patient has transitioned how many a Summary of Care records was received electronically, and of those, Summary of Care records how many were integrated into the patient's chart. These pieces of information were enough for us to use to calculate real-world interoperability and usability.

## **WITHDRAWAN PRODUCTS**

No products were 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 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.08.01.1.210524
<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 2022 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 a greater than 99% 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: 01/01/2022 -- 03/31/2022 Group By: Practice

Transition of Care: Receive and Incorporate

Group	Visits	Transitioned	%	SOC Available	SOC Unavailable	% SOC	Incorporated	%
	323	318	98.45%	1	307	96.86%	1	100%
	1164	33	2.84%	33	0	100%	33	100%
	494	6	1.21%	6	0	100%	6	100%
	1913	52	2.72%	52	0	100%	52	100%
	4222	518	12.27%	18	0	3.47%	18	100%
	1301	993	76.33%	7	178	18.63%	7	100%
	1254	13	1.04%	1	0	7.69%	1	100%
	36	36	100%	35	1	100%	35	100%
	1793	103	5.74%	103	0	100%	103	100%

Measurement /Metric	Associated Criterion(a)	Relied Upon Software (if applicable)	Outcomes	Challenges Encountered (if applicable)
Clinical information reconciliation	170.315(b)(2)	UPDOX DIRECT	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> , 2022
2022 1 <sup>st</sup> Quarter Data Collected, Analyzed and Reviewed	Per the care settings stated above	End of March 2022
2022 2 <sup>nd</sup> Quarter Data Collected, Analyzed and Reviewed	Per the care settings stated above	End of June 2022
2022 3 <sup>rd</sup> Quarter Data Collected, Analyzed and Reviewed	Per the care settings stated above	End of September 2022
2022 4 <sup>th</sup> Quarter Data Collected, Analyzed and Reviewed	Per the care settings stated above	End of December 2022
End of Real-World Testing period/final collection of all data for analysis.	Per the care settings stated above	January 1, 2023
Analysis and report creation.	Per the care settings stated above	January, 2023

## REAL WORLD TESTING RESULTS REPORT

**Comtron Inc.**

11 Grace Ave, Suite 208  
Great Neck, NY 11021

**Report Year:** 2022**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 8.0**Certified Health IT Product List (CHPL) Product Number(s):**

15.04.04.2984.Medg.08.01.1.210524

**Developer Real World Testing Plan Page URL:**<https://portal.medgenehr.com/medgenweb/downloads/ComtronCompleteRWT.pdf>**Developer Real World Testing Results Report Page URL:**[https://portal.medgenehr.com/medgenweb/downloads/ComtronCompleteRWTRResults\\_2022.pdf](https://portal.medgenehr.com/medgenweb/downloads/ComtronCompleteRWTRResults_2022.pdf)

### CHANGES TO ORIGINAL PLAN

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

### WITHDRAWN PRODUCTS

No products were 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

Standard (and version)	N/A
Updated certification criteria and associated	N/A
CHPL Product Number	15.04.04.2984.Medg.08.01.1.210524
Conformance measure	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.

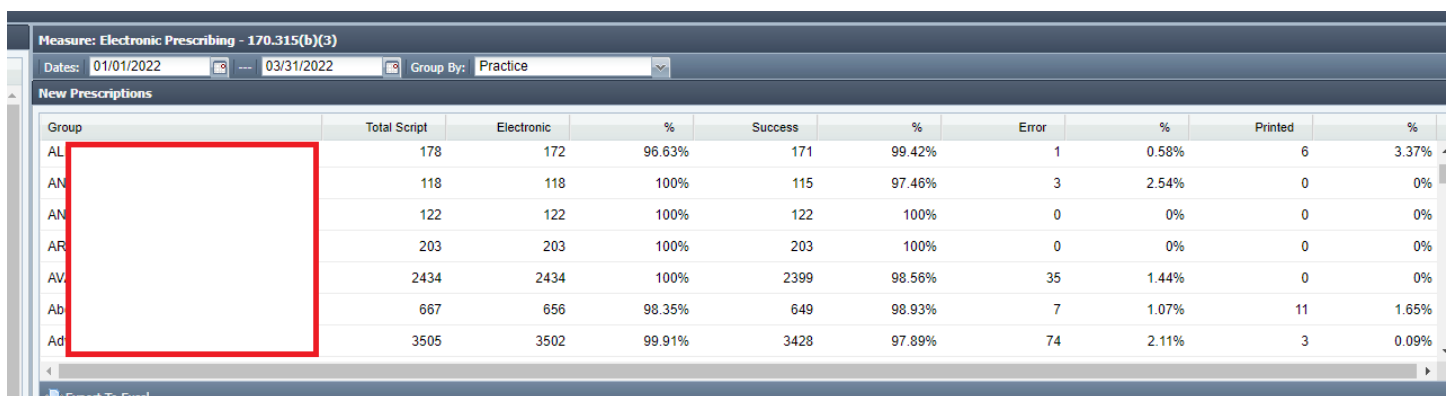
**Podiatry** - Clinicians in this setting can utilize the ability to track electronic medication sent successfully with confirmation. This clinical workflow would not require any adjustment for the measurement.

### Metrics and Outcomes

At the end of each quarter of year 2022 we have run an analysis to calculate the usage and success rate of electronic prescriptions for ~250 of our clients. On average, we have discovered that of all prescriptions entered into our system 98% 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% 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 screen shot of a quarterly review of the Electronic Prescription report card.



Group	Total Script	Electronic	%	Success	%	Error	%	Printed	%
AL	178	172	96.63%	171	99.42%	1	0.58%	6	3.37%
AN	118	118	100%	115	97.46%	3	2.54%	0	0%
AN	122	122	100%	122	100%	0	0%	0	0%
AR	203	203	100%	203	100%	0	0%	0	0%
AV	2434	2434	100%	2399	98.56%	35	1.44%	0	0%
Ab	667	656	98.35%	649	98.93%	7	1.07%	11	1.65%
Ad	3505	3502	99.91%	3428	97.89%	74	2.11%	3	0.09%

Measurement /Metric	Associated Criterion(a)	Relied Upon Software (if applicable)	Outcomes	Challenges Encountered (if applicable)
E-Scribe Scripts	170.315(b)(3)	Surescripts/Dr. First	98% escript rate	None
E-Script Success	170.315(b)(3)	Surescripts/Dr. First	99% Success Rate	None
Refill Request Success	170.315(b)(3)	Surescripts/Dr. First	97% 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> , 2022
2022 1 <sup>st</sup> Quarter Data Collected, Analyzed and Reviewed	Per the care settings stated above	End of March 2022
2022 2 <sup>nd</sup> Quarter Data Collected, Analyzed and Reviewed	Per the care settings stated above	End of June 2022
2022 3 <sup>rd</sup> Quarter Data Collected, Analyzed and Reviewed	Per the care settings stated above	End of September 2022
2022 4 <sup>th</sup> Quarter Data Collected, Analyzed and Reviewed	Per the care settings stated above	End of December 2022
End of Real-World Testing period/final collection of all data for analysis.	Per the care settings stated above	January 1, 2023
Analysis and report creation.	Per the care settings stated above	January, 2023

Below is a sample of the quarterly results – 2022 1<sup>st</sup> Quarter

Client ID	Script Count	Electronic Count	Electronic %	Success	Success %
3	8	8	100%	8	100%
7131	939	939	100%	923	98.30%
7	1558	1540	98.84%	1535	99.68%
5196	107	107	100%	101	94.39%
2960	300	300	100%	299	99.67%
4547	1531	1529	99.87%	1508	98.63%
2242	16	16	100%	16	100%
6005	178	172	96.63%	171	99.42%

2259	118	118	100%	115	97.46%
4018	122	122	100%	122	100%
750	203	203	100%	203	100%
1600	2434	2434	100%	2399	98.56%
2085	667	656	98.35%	649	98.93%
348	3505	3502	99.91%	3428	97.89%
2327	35	22	62.86%	22	100%
4895	165	165	100%	163	98.79%
2220	119	118	99.16%	118	100%
4992	157	152	96.82%	152	100%
8158	310	310	100%	308	99.35%
178	854	851	99.65%	840	98.71%
10196	306	304	99.35%	296	97.37%
9863	2508	2503	99.80%	2454	98.04%
1404	53	53	100%	53	100%
5104	2141	2140	99.95%	2136	99.81%
3328	431	402	93.27%	394	98.01%
1596	167	166	99.40%	164	98.80%
955	6681	6654	99.60%	6523	98.03%
9909	19	19	100%	19	100%
10257	27	1	3.70%	1	100%
1644	1804	1804	100%	1756	97.34%
10084	97	97	100%	96	98.97%
104	34	20	58.82%	20	100%
2788	344	344	100%	344	100%
1478	27	14	51.85%	13	92.86%
5851	740	732	98.92%	729	99.59%
10072	96	96	100%	92	95.83%
9616	67	66	98.51%	64	96.97%
7966	373	371	99.46%	362	97.57%
9558	3579	3573	99.83%	3444	96.39%
9443	597	597	100%	584	97.82%
610	1271	1269	99.84%	1260	99.29%
4646	4	4	100%	4	100%
4198	4060	4029	99.24%	3966	98.44%
2123	2071	2061	99.52%	2039	98.93%
1947	38	35	92.11%	35	100%
444	9237	9117	98.70%	8872	97.31%
9861	120	120	100%	120	100%
1263	57	57	100%	57	100%
9994	6	6	100%	6	100%
607	145	143	98.62%	142	99.30%
6714	50	50	100%	50	100%

10242	119	119	100%	119	100%
2227	390	390	100%	375	96.15%
9557	517	515	99.61%	511	99.22%
6433	3046	3016	99.02%	2992	99.20%
6434	810	639	78.89%	620	97.03%
10097	110	110	100%	110	100%
1124	276	276	100%	276	100%
8279	433	432	99.77%	425	98.38%
9985	156	156	100%	152	97.44%
8250	122	120	98.36%	117	97.50%
8273	1283	1282	99.92%	1265	98.67%
10290	188	186	98.94%	186	100%
755	448	446	99.55%	442	99.10%
2386	36	36	100%	36	100%
10000	10	10	100%	10	100%
4586	13	13	100%	13	100%
110	1839	1830	99.51%	1815	99.18%
3814	126	126	100%	122	96.83%
8614	152	151	99.34%	145	96.03%
1700	765	765	100%	760	99.35%
10185	1750	1750	100%	1736	99.20%
1206	1623	1622	99.94%	1613	99.45%
1024	521	520	99.81%	517	99.42%
7958	23	21	91.30%	21	100%
7159	102	102	100%	100	98.04%
8613	952	952	100%	927	97.37%
3996	144	144	100%	144	100%
9721	227	227	100%	221	97.36%
2448	109	109	100%	109	100%
9893	166	161	96.99%	147	91.30%
10078	57	57	100%	57	100%
10254	25	23	92%	23	100%
1618	40	40	100%	40	100%
5004	1	1	100%	1	100%
2187	384	377	98.18%	363	96.29%
267	873	866	99.20%	860	99.31%
327	752	751	99.87%	717	95.47%
4329	915	864	94.43%	845	97.80%
9676	1222	1208	98.85%	1192	98.68%
4608	603	603	100%	576	95.52%
6696	398	398	100%	397	99.75%
3550	155	154	99.35%	154	100%
ES	817	807	98.78%	790	97.89%

3666	1160	1156	99.66%	1145	99.05%
9957	620	610	98.39%	603	98.85%
7062	192	190	98.96%	190	100%
9105	3	3	100%	3	100%
6	342	341	99.71%	334	97.95%
3344	1744	1741	99.83%	1676	96.27%
9921	782	782	100%	780	99.74%
9907	1	1	100%	1	100%
9803	567	567	100%	566	99.82%
4576	380	380	100%	373	98.16%
425	879	853	97.04%	843	98.83%
943	1330	1241	93.31%	1223	98.55%
9882	65	65	100%	64	98.46%
174	252	251	99.60%	242	96.41%
9949	1426	1392	97.62%	1382	99.28%
5185	576	576	100%	575	99.83%
2664	192	191	99.48%	180	94.24%
6739	271	230	84.87%	228	99.13%
49	1773	1773	100%	1770	99.83%
10189	140	140	100%	140	100%
6278	840	838	99.76%	823	98.21%
9109	46	46	100%	46	100%
10006	1658	1642	99.03%	1625	98.96%
9731	580	580	100%	573	98.79%
2278	68	68	100%	68	100%
10093	67	67	100%	67	100%
5095	32	32	100%	32	100%
704	318	294	92.45%	292	99.32%
2573	4709	4606	97.81%	4534	98.44%
9804	877	859	97.95%	832	96.86%
2322	500	498	99.60%	487	97.79%
9938	1598	1598	100%	1575	98.56%
9725	104	104	100%	104	100%
10171	339	339	100%	333	98.23%
9875	1480	1480	100%	1478	99.86%
10162	408	404	99.02%	387	95.79%
7308	1240	1240	100%	1215	97.98%
1733	71	71	100%	71	100%
1139	3	3	100%	3	100%
9866	167	167	100%	167	100%
9353	1	1	100%	1	100%
4401	208	207	99.52%	206	99.52%
10061	33	33	100%	33	100%

10229	292	291	99.66%	290	99.66%
3290	480	462	96.25%	440	95.24%
2561	1980	1974	99.70%	1957	99.14%
1479	624	620	99.36%	604	97.42%
8093	88	88	100%	81	92.05%
287	192	189	98.44%	186	98.41%
836	265	261	98.49%	252	96.55%
1788	330	328	99.39%	328	100%
4199	697	350	50.22%	349	99.71%
9747	655	654	99.85%	634	96.94%
382	366	366	100%	360	98.36%
3837	10	10	100%	10	100%
1442	460	458	99.57%	458	100%
9028	264	264	100%	252	95.45%
3672	205	204	99.51%	202	99.02%
8766	340	338	99.41%	337	99.70%
5824	1022	1011	98.92%	999	98.81%
9796	15	15	100%	15	100%
8297	56	56	100%	55	98.21%
4564	88	88	100%	82	93.18%
22	782	776	99.23%	762	98.20%
5522	318	318	100%	315	99.06%
10236	316	316	100%	305	96.52%
5724	15	15	100%	15	100%
9670	1201	1200	99.92%	1191	99.25%
2658	97	97	100%	97	100%
2638	6	6	100%	6	100%
10079	619	616	99.52%	611	99.19%
1288	2171	2171	100%	2167	99.82%
10224	2881	2850	98.92%	2781	97.58%
4144	37	37	100%	32	86.49%
916	2497	2493	99.84%	2439	97.83%
10245	66	62	93.94%	62	100%
8485	73	73	100%	72	98.63%
3739	659	659	100%	656	99.54%
9573	15	15	100%	15	100%
11	434	434	100%	415	95.62%
4308	1064	1041	97.84%	1040	99.90%
4715	1243	1238	99.60%	1235	99.76%
3748	2040	2039	99.95%	2010	98.58%
10233	888	880	99.10%	879	99.89%
245	1360	1360	100%	1351	99.34%
9448	15	15	100%	15	100%

	10013	668	668	100%	663	99.25%
	9946	391	387	98.98%	381	98.45%
	2662	917	917	100%	902	98.36%
	179	302	302	100%	295	97.68%
	912	412	412	100%	409	99.27%
	6709	419	415	99.05%	414	99.76%
	10030	23	23	100%	21	91.30%
	9933	241	225	93.36%	223	99.11%
	10063	173	173	100%	173	100%
	10062	88	88	100%	88	100%
	10182	130	129	99.23%	128	99.22%
	9912	184	184	100%	181	98.37%
	9765	1923	1923	100%	1917	99.69%
	10126	35	35	100%	35	100%
	10215	2180	2176	99.82%	2137	98.21%
	1415	61	61	100%	61	100%
	5559	1320	1320	100%	1260	95.45%
	9454	1625	1612	99.20%	1604	99.50%
	4854	1443	1442	99.93%	1415	98.13%
	2673	27	27	100%	27	100%
	650	67	67	100%	66	98.51%
	2874	582	582	100%	578	99.31%
	8249	2167	2138	98.66%	2127	99.49%
	35	1209	1166	96.44%	1127	96.66%
	10065	3600	3596	99.89%	3546	98.61%
	5166	6	2	33.33%	2	100%
	4408	17	17	100%	17	100%
	10173	5	5	100%	5	100%
	606	110	103	93.64%	89	86.41%
	2635	20	20	100%	20	100%
	7213	29	29	100%	27	93.10%
	2532	1967	1952	99.24%	1943	99.54%
	10250	4	4	100%	4	100%
MAS		2134	2129	99.77%	2005	94.18%
	3821	386	383	99.22%	371	96.87%
	263	1793	1785	99.55%	1764	98.82%
	1667	2814	2813	99.96%	2731	97.08%
	881	1279	1203	94.06%	1198	99.58%
BG		682	682	100%	679	99.56%
	8136	362	357	98.62%	354	99.16%
	644	2657	2637	99.25%	2611	99.01%
	9836	346	345	99.71%	345	100%
	1426	250	250	100%	250	100%

9500	2478	2469	99.64%	2443	98.95%
221	70	70	100%	64	91.43%
10256	1262	1245	98.65%	1239	99.52%
3849	248	248	100%	248	100%
149	4405	4369	99.18%	4289	98.17%
9913	240	235	97.92%	235	100%
2470	337	331	98.22%	323	97.58%
885	224	224	100%	224	100%
2152	44	44	100%	44	100%
98	91	91	100%	89	97.80%
4036	18	18	100%	18	100%
992	985	981	99.59%	952	97.04%
9906	795	795	100%	791	99.50%
10241	10	10	100%	10	100%
7216	507	507	100%	501	98.82%
4142	219	219	100%	212	96.80%
3447	111	111	100%	107	96.40%
8938	3128	3074	98.27%	3042	98.96%
2048	436	435	99.77%	427	98.16%
4034	46	41	89.13%	41	100%
5786	1406	1406	100%	1405	99.93%
10218	1847	1838	99.51%	1827	99.40%
9889	250	249	99.60%	246	98.80%
10221	1345	1089	80.97%	1083	99.45%
556	1052	1052	100%	1015	96.48%
3641	168	168	100%	166	98.81%
3126	218	216	99.08%	214	99.07%
8247	352	351	99.72%	351	100%
5356	28	28	100%	26	92.86%
<b>SUMMARY</b>			<b>98%</b>		<b>99%</b>



Empowering the Patient and Provider Experience.

## REAL WORLD TESTING RESULTS REPORT

**Comtron Inc.**

11 Grace Ave, Suite 208  
Great Neck, NY 11021

**Report Year:** 2022

**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 8.0

**Certified Health IT Product List (CHPL) Product Number(s):** 15.04.04.2984.Medg.08.01.1.210524

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

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

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

[https://portal.medgenehr.com/medgenweb/downloads/ComtronCompleteRWTResults\\_2022.pdf](https://portal.medgenehr.com/medgenweb/downloads/ComtronCompleteRWTResults_2022.pdf)

### CHANGES TO ORIGINAL PLAN

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

### WITHDRAWN PRODUCTS

No products were 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.08.01.1.210524
<b>Conformance measure</b>	170.315(f)(1), 170.315(f)(3), 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

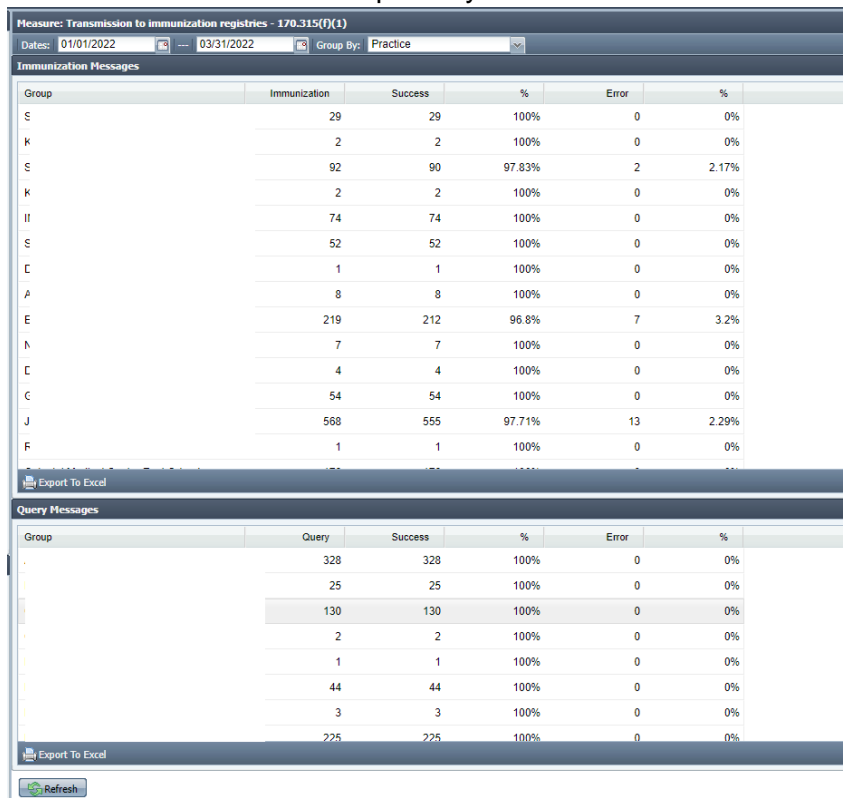
### 170.315(f)(1)

At the end of each quarter of year 2022 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 99% 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 2022 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.



Group	Immunization	Success	%	Error	%
S	29	29	100%	0	0%
K	2	2	100%	0	0%
S	92	90	97.83%	2	2.17%
K	2	2	100%	0	0%
II	74	74	100%	0	0%
S	52	52	100%	0	0%
E	1	1	100%	0	0%
A	8	8	100%	0	0%
E	219	212	96.8%	7	3.2%
A	7	7	100%	0	0%
C	4	4	100%	0	0%
C	54	54	100%	0	0%
J	568	555	97.71%	13	2.29%
F	1	1	100%	0	0%

Group	Query	Success	%	Error	%
.	328	328	100%	0	0%
.	25	25	100%	0	0%
.	130	130	100%	0	0%
.	2	2	100%	0	0%
.	1	1	100%	0	0%
.	44	44	100%	0	0%
.	3	3	100%	0	0%
.	225	225	100%	0	0%

**170.315(f)(2)**

At the end of each quarter of year 2022 we have run an analysis to calculate the usage and success rate of syndromic surveillance messages for ~15 of our clients. The submission of Syndromic Surveillance is far less utilized than the previous immunization messages resulting in a smaller sub-set of data. 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:		01/01/2022	---	03/31/2022	Group By: Practice	
Syndromic Messages						
Group	Message	Success	%	Error	%	
	9	9	100%	0	0%	
	18	18	100%	0	0%	
	9	9	100%	0	0%	
	9	9	100%	0	0%	
:	9	9	100%	0	0%	
:	18	18	100%	0	0%	
	9	9	100%	0	0%	
	18	18	100%	0	0%	
.	27	27	100%	0	0%	
	9	9	100%	0	0%	
	9	9	100%	0	0%	
	18	18	100%	0	0%	
:	9	9	100%	0	0%	
	9	9	100%	0	0%	
	63	63	100%	0	0%	
:	9	9	100%	0	0%	

**170.315(f)(7)**

At the end of each quarter of year 2022 we have run an analysis to calculate the usage and success rate of patient summary records messages for 5 of our clients. Very few of our clients have direct connections to Health Information Exchanges resulting in a smaller sub-set of date. 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: 01/01/2022		03/31/2022		Group By: Practice		
Health Care Surveys						
Group	Generated	Success	%	Error	%	
-	10	10	100%	0	0%	
l	3	3	100%	0	0%	
f	97	97	100%	0	0%	
s	4	4	100%	0	0%	
\	3	3	100%	0	0%	

Measurement /Metric	Associated Criterion(a)	Relied Upon Software (if applicable)	Outcomes	Challenges Encountered (if applicable)
Transmission to immunization registries	170.315(f)(1)	None	99% 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> , 2022
2022 1 <sup>st</sup> Quarter Data Collected, Analyzed and Reviewed	Per the care settings stated above	End of March 2022
2022 2 <sup>nd</sup> Quarter Data Collected, Analyzed and Reviewed	Per the care settings stated above	End of June 2022
2022 3 <sup>rd</sup> Quarter Data Collected, Analyzed and Reviewed	Per the care settings stated above	End of September 2022
2022 4 <sup>th</sup> Quarter Data Collected, Analyzed and Reviewed	Per the care settings stated above	End of December 2022
End of Real-World Testing period/final collection of all data for analysis.	Per the care settings stated above	January 1, 2023
Analysis and report creation.	Per the care settings stated above	January, 2023

Below is a sample of the quarterly results – 2022 1<sup>st</sup> Quarter

**170.315(f)(1)**

Client ID	ELECTRONIC	SUCCESS	%	ERROR	%
10256	29	29	100%	0	0%
1479	2	2	100%	0	0%
2532	92	90	97.83%	2	2.17%
2561	2	2	100%	0	0%
2573	74	74	100%	0	0%
263	52	52	100%	0	0%
267	1	1	100%	0	0%
348	8	8	100%	0	0%
3666	219	212	96.80%	7	3.20%
3739	7	7	100%	0	0%
3996	4	4	100%	0	0%
425	54	54	100%	0	0%
4401	568	555	97.71%	13	2.29%
4408	1	1	100%	0	0%
607	176	176	100%	0	0%
610	1	0	0%	1	100%
644	206	206	100%	0	0%
7	24	23	95.83%	1	4.17%
8136	784	781	99.62%	3	0.38%
8766	398	397	99.75%	1	0.25%
881	65	65	100%	0	0%
9028	49	49	100%	0	0%
943	353	353	100%	0	0%
9443	8	8	100%	0	0%
955	18	18	100%	0	0%
9861	144	144	100%	0	0%
9949	95	92	96.84%	3	3.16%
MAS	15	13	86.67%	2	13.33%
	<b>3449</b>	<b>3416</b>	<b>99%</b>		

**170.315(f)(2)**

Client ID	Message Count	SUCCESS	%	ERROR	%
1024	9	9	100%	0	0%
1124	18	18	100%	0	0%
1788	9	9	100%	0	0%
2448	9	9	100%	0	0%

2620	9	9	100%	0	0%
263	18	18	100%	0	0%
2662	9	9	100%	0	0%
267	18	18	100%	0	0%
3630	27	27	100%	0	0%
3996	9	9	100%	0	0%
4142	9	9	100%	0	0%
444	18	18	100%	0	0%
8136	9	9	100%	0	0%
8249	9	9	100%	0	0%
8938	63	63	100%	0	0%
MAS	9	9	100%	0	0%

**170.315(f)(7)**

Client ID	SummaryRecords	SUCCESS	%	ERROR	%
DF	10	10	100%	0	0%
2573	3	3	100%	0	0%
1479	97	97	100%	0	0%
149	4	4	100%	0	0%
10218	3	3	100%	0	0%



Empowering the Patient and Provider Experience.

## REAL WORLD TESTING RESULTS REPORT

**Comtron Inc.**

11 Grace Ave, Suite 208  
Great Neck, NY 11021

**Report Year:** 2022

**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 8.0

**Certified Health IT Product List (CHPL) Product Number(s):** 15.04.04.2984.Medg.08.01.1.210524

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

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

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

[https://portal.medgenehr.com/medgenweb/downloads/ComtronCompleteRWTResults\\_2022.pdf](https://portal.medgenehr.com/medgenweb/downloads/ComtronCompleteRWTResults_2022.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 2022. 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 2022. Although the report cards were reviewed for the other quarters of 2022 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 were 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.



Empowering the Patient and Provider Experience.

## 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 2021?  
[ YES / NO]

Did you use the Medgen EHR system for the entire calendar year of 2021 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 2021?  
[ 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.08.01.1.210524
<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 2022 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 client 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: 01/01/2022 -- 03/31/2022 Group By: Practice

CQM Record & Export

Group	Record/Export	Success	%	Error	%
Ri	1338	1338	100%	0	0%
Bf	59	59	100%	0	0%
Et	66	66	100%	0	0%
St	2	2	100%	0	0%
UI	116	116	100%	0	0%
N'	78	78	100%	0	0%
Gl	21	21	100%	0	0%
At	7	7	100%	0	0%
At	22	22	100%	0	0%
Pt	12	12	100%	0	0%
Br	20	20	100%	0	0%
St	101	101	100%	0	0%
Br	43	43	100%	0	0%
Ri	587	587	100%	0	0%

Export To Excel

**170.315(c)(2)**

During the year 2022 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 I was not real-world data. Samples of some of the survey responses can be found at the end of this report.

**170.315(c)(3)**

During the first quarter of year 2022 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 client 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:		01/01/2022	03/31/2022	Group By: Practice		
CQM Report						
Group	Record/Export	Success	%	Error	%	
D	15	15	100%	0	0%	
Ki	1	1	100%	0	0%	
Ti	4	4	100%	0	0%	
SI	1	1	100%	0	0%	
BI	5	5	100%	0	0%	
Ei	3	3	100%	0	0%	
U	1	1	100%	0	0%	
G	1	1	100%	0	0%	
Ar	1	1	100%	0	0%	
Pi	3	3	100%	0	0%	
Bi	3	3	100%	0	0%	
R	9	9	100%	0	0%	
G	1	1	100%	0	0%	
Bi	2	2	100%	0	0%	

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> , 2022
2022 1 <sup>st</sup> Quarter Data Collected, Analyzed and Reviewed (primary data used for reporting)	Per the care settings stated above	End of March 2022
2022 2 <sup>nd</sup> Quarter Data Collected, Analyzed and Reviewed	Per the care settings stated above	End of June 2022
2022 3 <sup>rd</sup> Quarter Data Collected, Analyzed and Reviewed	Per the care settings stated above	End of September 2022
2022 4 <sup>th</sup> Quarter Data Collected, Analyzed and Reviewed	Per the care settings stated above	End of December 2022
End of Real-World Testing period/final collection of all data for analysis.	Per the care settings stated above	January 1, 2023
Analysis and report creation.	Per the care settings stated above	January, 2023

Below are samples of surveys collected from our clients during this time.



### 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: [REDACTED]  
 Practice Primary Specialty: [REDACTED]

Has your practice attested with ONC to report Clinical Quality Measures (CQM) for year 2021?  YES  NO

Did you use the Medgen EHR system for the entire calendar year of 2021 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 2021?  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)

1. E- Prescribing
2. SECURITY RISK ANALYSIS
3. PROVIDE PATIENTS ELECTRONIC ACCESS TO THEIR HEALTH INFORMATION
4. IMMUNIZATION Registry Reporting
5. SYNDROMIC Surveillance Reporting
6. SUPPORT ELECTRONIC REFERRAL LOOPS BY SENDING HEALTH INFORMATION

**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: 8-18-22  
 Completed by (Print Name): [REDACTED]  
 Title: OFFICE MANAGER

### 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: [REDACTED]  
 Practice Primary Specialty:

- Has your practice attested with ONC to report Clinical Quality Measures (CQM) for year 2021?  YES  NO
- Did you use the Medgen EHR system for the entire calendar year of 2021 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 2021?  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 *NA*

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

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.

**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: *8/18/22*  
 Completed by (Print Name): [REDACTED]  
 Title: *manager*



### 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: [REDACTED]  
Practice Primary Specialty: Radiation Oncologist

- Has your practice attested with ONC to report Clinical Quality Measures (CQM) for year 2021?  YES /  NO
- Did you use the Medgen EHR system for the entire calendar year of 2021 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 2021?  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)

1. CMS 2
2. CMS 50
3. CMS 68
4. CMS 125
5. CMS 130
6. CMS 139

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: 2/10  
Completed by (Print Name): [REDACTED]  
Title: MD



Empowering the Patient and Provider Experience.

## REAL WORLD TESTING RESULTS REPORT

**Comtron Inc.**

11 Grace Ave, Suite 208  
Great Neck, NY 11021

**Report Year:** 2022

**Conformance Measure:** 170.315(b) (6), 170.315(g) (7), 170.315(g) (8),  
170.315(g) (9)

### 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 8.0

**Certified Health IT Product List (CHPL) Product Number(s):** 15.04.04.2984.Medg.08.01.1.210524

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

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

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

[https://portal.medgenehr.com/medgenweb/downloads/ComtronCompleteRWTResults\\_2022.pdf](https://portal.medgenehr.com/medgenweb/downloads/ComtronCompleteRWTResults_2022.pdf)

### CHANGES TO ORIGINAL PLAN

Originally, the real world test plan for the above-mentioned measures was drawn up to have our users complete a survey identifying the success rate and ease of use of the Medgen API and Medgen Data Export routine. During initial client correspondence, we had determined that through a designed report card we would be able to capture the results of these processes analytically and via data reports. As a result, we have determined not to conduct surveys for each of these measures and instead rely on the result data from our report cards to determine frequency of use and success rate of Patient Selection, Category Request, and All Data Request transactions via our API as well as patient downloads through the Medgen Data Export routine.

## **WITHDRAWN PRODUCTS**

No products were withdrawn during the reporting period.

## **SUMMARY OF TESTING METHODS AND KEY FINDINGS**

### ***170.315(b)(6)***

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 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(c)(8)***

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 individual patient category data retrieval. 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 category 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)(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.

## 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.08.01.1.210524
<b>Conformance measure</b>	170.315(b)(6), 170.315(g)(7), 170.315(g)(8), 170.315(g)(9)

### 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)(6)**

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 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: Data Export - 170.315(b)(6)						
Dates: 01/01/2022 --- 03/31/2022 Group By: Practice						
Data Export						
Group	Patients Exported	Success	%	Error	%	
	627	627	100%	0	0%	
	149	149	100%	0	0%	
	167	167	100%	0	0%	
	198	198	100%	0	0%	
	201	201	100%	0	0%	
	171	171	100%	0	0%	
	8	8	100%	0	0%	
	231	231	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: 01/01/2022		03/31/2022		Group By: Practice		
Application access						
Group	Generated	Success	%	Error	%	
	31	31	100%	0	0%	
	3	3	100%	0	0%	
	149	149	100%	0	0%	
	166	166	100%	0	0%	
	197	197	100%	0	0%	
	200	200	100%	0	0%	
	171	171	100%	0	0%	
	231	231	100%	0	0%	

**170.315(g)(8)**

We have run an analysis to calculate the successful request and response of a patient category 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 category report card.

Measure: Application access — data category request - 170.315(g)(8)						
Dates: 01/01/2022		03/31/2022		Group By: Practice		
Application access						
Group	Generated	Success	%	Error	%	
	3	3	100%	0	0%	
	3	3	100%	0	0%	
	475	475	100%	0	0%	
	302	302	100%	0	0%	
	622	622	100%	0	0%	
	5	5	100%	0	0%	
	254	254	100%	0	0%	
	672	672	100%	0	0%	
	737	737	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: 01/01/2022		---		03/31/2022		Group By: Practice
Application access						
Group	Generated	Success	%	Error	%	
	627	627	100%	0	0%	
	149	149	100%	0	0%	
	167	167	100%	0	0%	
	198	198	100%	0	0%	
	201	201	100%	0	0%	
	171	171	100%	0	0%	
	8	8	100%	0	0%	
	231	231	100%	0	0%	

Measurement /Metric	Associated Criterion(a)	Relied Upon Software (if applicable)	Outcomes	Challenges Encountered (if applicable)
Data Export	170.315(b)(6)	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 – data category request	170.315(g)(8)	None	100% Success Rate	None
Application Access – all data request	170.315(g)(9)	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> , 2022
2022 1 <sup>st</sup> Quarter Data Collected, Analyzed and Reviewed	Per the care settings stated above	End of March 2022
2022 2 <sup>nd</sup> Quarter Data Collected, Analyzed and Reviewed	Per the care settings stated above	End of June 2022
2022 3 <sup>rd</sup> Quarter Data Collected, Analyzed and Reviewed	Per the care settings stated above	End of September 2022
2022 4 <sup>th</sup> Quarter Data Collected, Analyzed and Reviewed	Per the care settings stated above	End of December 2022
End of Real-World Testing period/final collection of all data for analysis.	Per the care settings stated above	January 1, 2023
Analysis and report creation.	Per the care settings stated above	January, 2023

**END OF DOCUMENT**