



Introducing GrandCare

Feature Groups



A holistic and comprehensive touch-based system with a focus on safety, health, and social connection



Social & Entertainment

Touch-based video chat, messages, games, trivia, photos, videos, music



Activity Monitoring

Monitoring activities of daily living, reporting on abnormal activity, check in button



Health & Wellness

Telehealth monitoring, medication reminders, brain exercises, cognitive assists, health surveys



Community Enhancement

Group messaging, photos, calendar resident directory, and more

The Touchscreen

Not a tablet

Not an app

Single-purpose
appliance

Safe from malware,
viruses and other
threats



“I was able to see one in action because mom got one, and I was like WOW look at all the things this can do! Pretty neat!” - Rick

Plug & Play

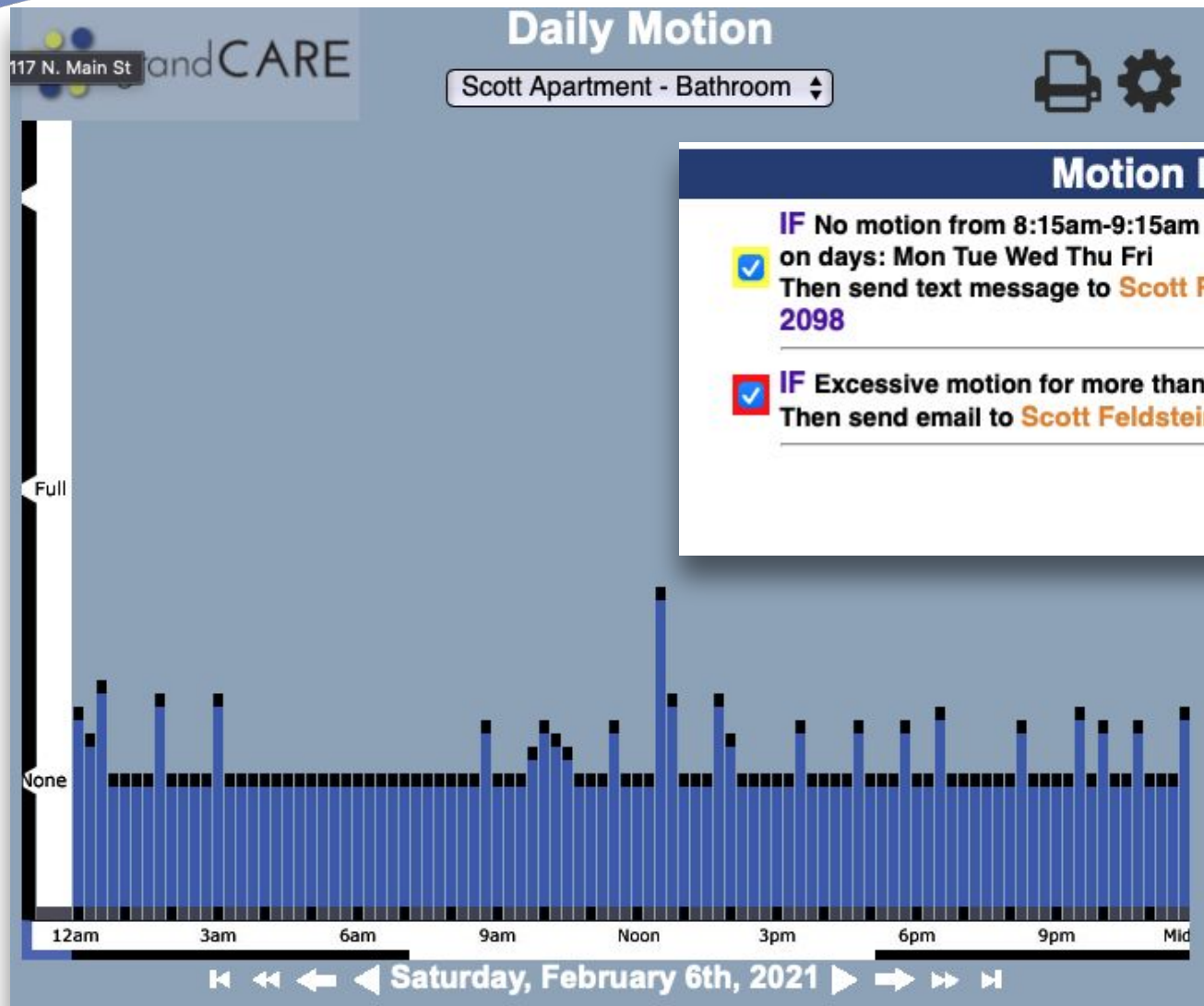


Activity Monitoring

- Did individual get out of bed?
- Is there excessive motion in the bathroom?
- Did they access the kitchen at mealtime?
- Did they leave the front door open?
- Is the home at a comfortable temperature?



Activity Rules



Motion Rules

☒ **IF** No motion from 8:15am-9:15am at Foyer
on days: Mon Tue Wed Thu Fri
Then send text message to **Scott Feldstein** at (262) 853-2098



☒ **IF** Excessive motion for more than 30 minutes at Bathroom
Then send email to **Scott Feldstein** at scott@lmcllc.us



Add New Rule



Health Monitoring



Blood Pressure	
Name: Charles Hillman	Average: 127 / 84 : 56
Address: 5085 South Oak Road	Lowest: 117 / 78 : 48
DOB: 1951-12-24	Highest: 143 / 101 : 66

July, 2007

Date	Time	Systolic	Diastolic	Pulse	M.A.P.
Tue 31st	9:42am	121	83	61	95.7
Mon 30th	9:08am	130	80	62	96.7
Sun 29th	9:02am	118	78	53	91.3

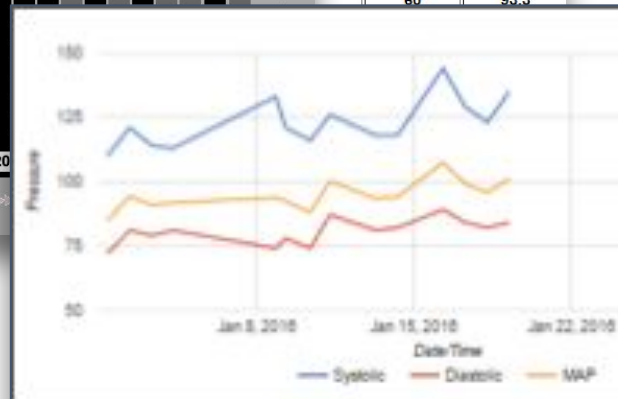
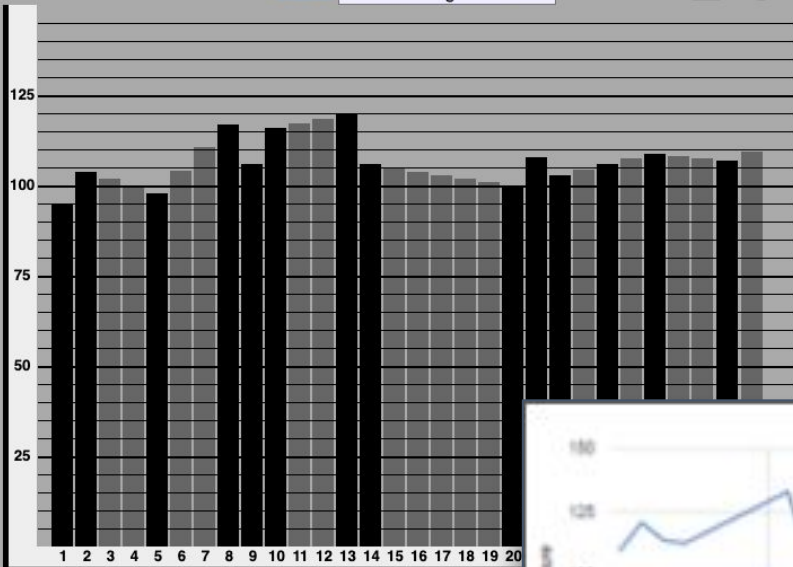
grandCARE



Glucose
Janie Green

Before having a meal

Show Chart



FDA Class II
Bluetooth health devices



Automatically record, track
& trend vitals/biometric
readings

Health Monitoring



Health Rules & Analytics



Medication Compliance

Medication: Lisinopril with Hydrochlorothiazide

NDC: 0143-1262

Increased Diuresis [PE],Thiazide

Class: Diuretic [EPC],Thiazides
[Chemical/Ingredient]

Reason: High blood pressure

Status: Inactive

Start Date: Sunday, February 23rd, 2014

End date: Wednesday, April 24th, 2014

Schedule: 6:30am-9:30am

Average Time: 07:50

Total: 2193

Acknowledged: ■ 1817 (82%)

Refused: ■ 7 (0%)

Unacknowledged: ■ 369 (16%)

FEB 2020							MAR 2020						
S	M	T	W	T	F	S	S	M	T	W	T	F	S
							1	2	3	4	5	6	7
8	9	10	11	12	13	14	15	16	17	18	19	20	21
22	23	24	25	26	27	28	29	30	31				



Medication Efficacy

Medication: Lisinopril with Hydrochlorothiazide

NDC: 0143-1262

Increased Diuresis [PE],Thiazide

Class: Diuretic [EPC],Thiazides
[Chemical/Ingredient]

Reason: High blood pressure

Reading: Blood Pressure

Medication
Start Date: Wednesday, May 1st, 2013

Period: 30 days

Before Period: 2013-04-01 to 2013-05-01

After Period: 2013-05-01 to 2013-05-31

Systolic: 139 to 120 (Decrease of 13.7%)

Diastolic: 94 to 83 (Decrease of 11.2%)

Pulse: 54 to 55 (Increase of 1.9%)

Person



Janie Green
(Janie)

Charts



☒ If **Systolic Blood Pressure** is greater than **130**
Then send text message to **Scott Feldstein** at **(262) 853-2098**



☒ If **Weight** increases by more than **4** over **2** days
Then send email to **ALL Caregivers** at



☒ If **Temperature** is greater than **99**
Then call **Scott Feldstein** as **(262) 853-2098** (cell)



☒ If **Temperature** is not taken **7:00am-noon**
Then require acknowledgement for **Please Take Your Temperature!** with **IrishKeys** tone



☒ If **Glucose** is not taken **7:00am-noon**
Then show message **take your glucose!** for **15** minutes



☒ If **Oxygen Saturation** is less than **90**
Then send text message to **Charles Hillman** at **(262) 689-6732**



Medication


Options

Medication


Help

Medications and Schedules

New Medication +




Amlodipine Besylate
Amlodipine Besylate



WELLBUTRIN XL
bupropion hydrochloride

Please take the following medications:



Synthroid
TABLET - 200 ug/1
ORAL

✓ Done Taking Meds

⌚ Remind Me Later

✗ Refuse Meds

Medication Rules

New Rule +

On ☐

IF Any medication is not acknowledged as taken
THEN send email to scott@lmcllc.us

>

Reminders and Education

Please acknowledge the following item

07/21/2020 12:00pm

Please Take Your Temperature!

 Remind Me Later

 Acknowledge

Blood Sugar

Checking Blood Sugar (Glucose) Level | H...   

Watch later Share Info

How to check Your Blood Sugar

MORE VIDEOS


0.07 / 10:42

Close

ToDo Reminders


Press the box by the items you have completed


☐ Eat Lunch 12:00pm


 Remind Me Later


 Refuse ToDos


Personal Training & Health Content





 **Main Menu**




 **Video Call**

 **Slide Show**

 **Get Support**


 **Grab Bag**

 **No Notifications**


Fitness

An active lifestyle promotes a healthy weight, improves your mood, reduces stress and gives you more energy. When you are active on a regular basis, you'll also notice you have more self-confidence. Making lifestyle changes can feel overwhelming, but it doesn't have to be. Please enjoy these publicly available exercise videos.




Senior Fitness - Low Impact Cardio Workout

In this workout we'll be going through some great standing cardio routines that will get your heart rate up and get your body moving and feeling great!



Senior Fitness - Range Of Motion & Stretching Workout

It's always important to take our flexibility and range in our movements into account when we think about our health and fitness. Our range in movement is the foundation of physical fitness.



Senior Fitness - Full Body Workout

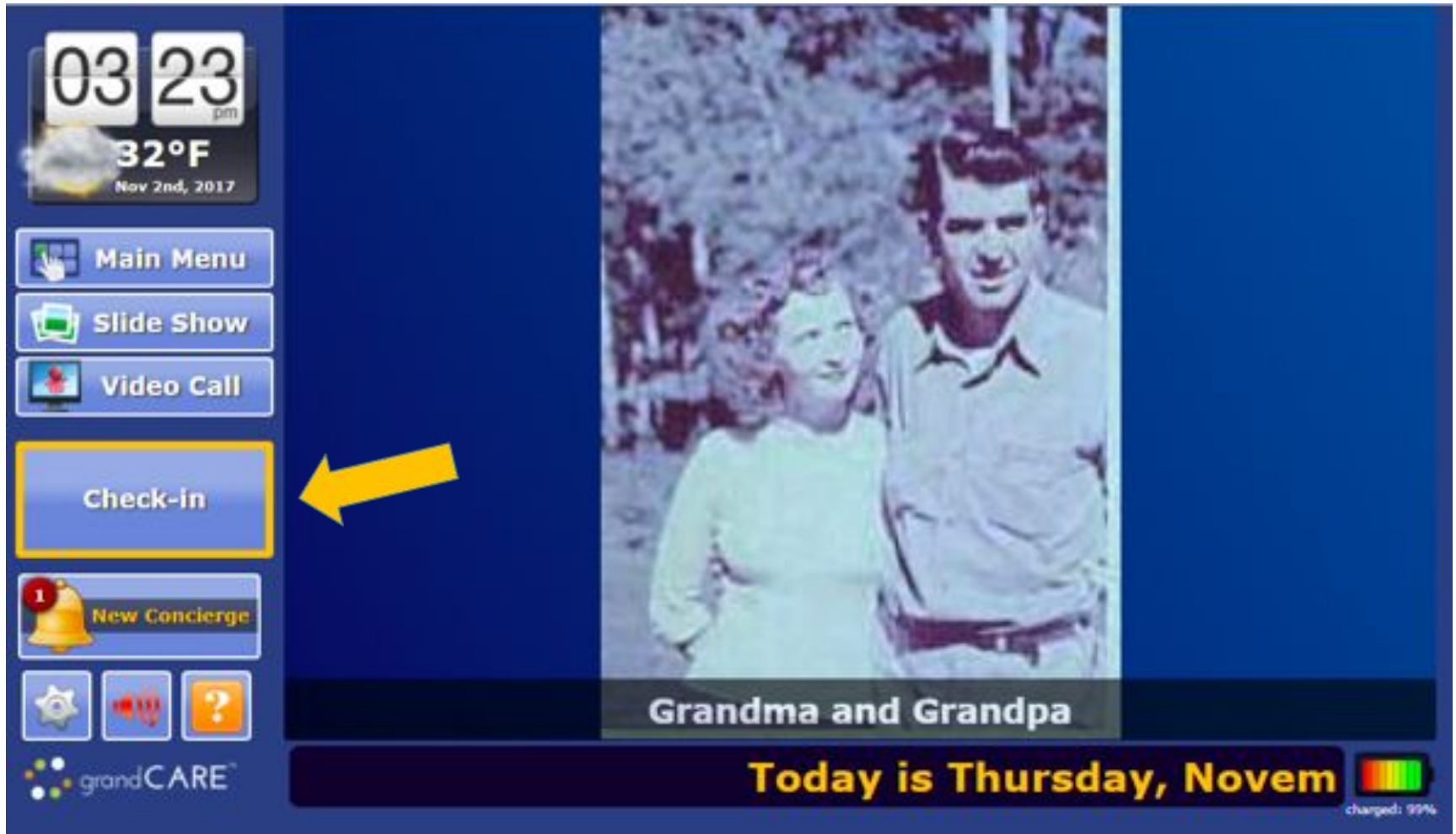
Utilizing sitting and standing positions, we'll be working both your upper and lower

Laurie - "I can't believe the size of this thing, I was like whoa! Holy crap this is better almost than my TV's and not much smaller"

HIPAA Video Calls



Community Features



GrandCare Community Features

SEND MESSAGE

Send a simple one-way message to the touchscreen

Select saved message or enter new



The mail has arrived!

You can swing by the front desk at any time to get your mail.

Message Tone



Emergency Message

RingADing



Expire in

30 Minutes



Reset

 Send

GrandCare Community Features



Today is Tuesday, March 16, 2021



~~Eat Breakfast~~

8:45am



~~Eat Lunch~~

1:30pm



~~Get Mail~~

2:30pm



Chess Tournament - C...

**3:00pm
to 4:00pm**

It is currently 4:34pm



Happy Hour - Join us ...

**6:30pm
to 8:30pm**



Eat Dinner

6:30pm

GrandCare Community Features

The screenshot displays the GrandCare Community mobile application interface. On the left is a dark blue sidebar with a digital clock showing 12:59 pm, a weather widget for 43°F on May 19th, 2017, and three buttons: 'Main Menu', 'Slide Show', and 'Sleep'. Below these are a 'No Notifications' bell icon, a settings gear, a fish icon, and a question mark icon, with the 'Holly Creek' logo at the bottom. The main content area features a list of residents under the letter 'A' (Mary Adams, Patricia Alan, James & Linda Alvarez, John & Barb Anderson, Elizabeth Arnold) and under the letter 'B' (John & Jane Baker, Maria Barnes, Michael & Susan Bell, William & Dorothy Brown). 'John & Jane Baker' is highlighted in yellow. A 'Back' button is at the bottom of the list. To the right of the list is a large photo of an elderly couple, John and Jane Baker. Below the photo, their name 'John & Jane Baker' is displayed in large bold text. Further down, their apartment number (221) and extension (5225) are shown, followed by their email address (baker@email.com) and their birthdays (John's: December 24th, Jane's: July 4th). A battery status indicator at the bottom right shows 91% charge.

12:59 pm
43°F
May 19th, 2017

Main Menu
Slide Show
Sleep

No Notifications

Holly Creek

A

- Mary Adams
- Patricia Alan
- James & Linda Alvarez
- John & Barb Anderson
- Elizabeth Arnold

B

- John & Jane Baker**
- Maria Barnes
- Michael & Susan Bell
- William & Dorothy Brown

Back

John & Jane Baker

Apt: **221** Extension: **5225**

Email: **baker@email.com**

John's Birthday: **December 24th**
Jane's Birthday: **July 4th**

charged: 91%

Touchscreen Concierge Ordering




Surveys to Measure Health & Outcomes

10


25


am




69°F


Aug 18th, 2020

Main Menu

Slide Show




Video Call


Check-in



0

No Notifications





Lifestyle

Question #1

Question #2

Question #3

Question #4

Question #5

Question #6


How well did you sleep?

I slept very well


I slept OK

I slept poorly

Back



charging: 96%



Survey Data Emailed to Caregivers



Lifestyle

How well did you sleep?

- I slept poorly

How well did you eat?

- I ate too much and unhealthy

How much alcohol did you drink?

- I drank too much

How much did you smoke?

- I smoked a lot

How much exercise did you do?

- I did not exercise at all

How much stress do you feel?

- I feel very stressed

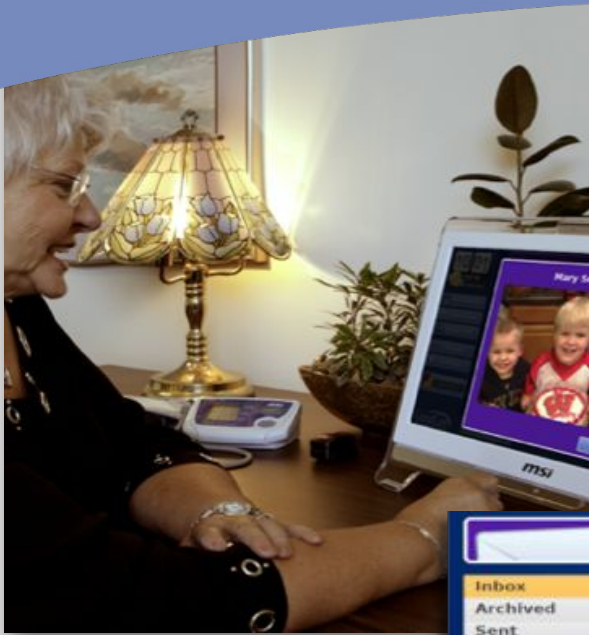
—Ima Resident

[View Account](#)

Delivered via
immediate email, daily
digest, or aggregate
data product across
many members



Family Connectivity



Letters

Inbox 4 Letters

Compose

Subject	Date
Lunch Tuesday?	6/11/2013 1:36:34 PM
Good Morning	4/4/2013 1:40:18 PM
Your Appointment is Today	5/21/2013 10:59:27 AM
Grandma he proposed!	5/21/2013 10:55:20 AM

Wednesday, 10th September

- Medication
- Hair dresser - Regular
- Walk dog

Prev Calendar Add Event Next

Video Call

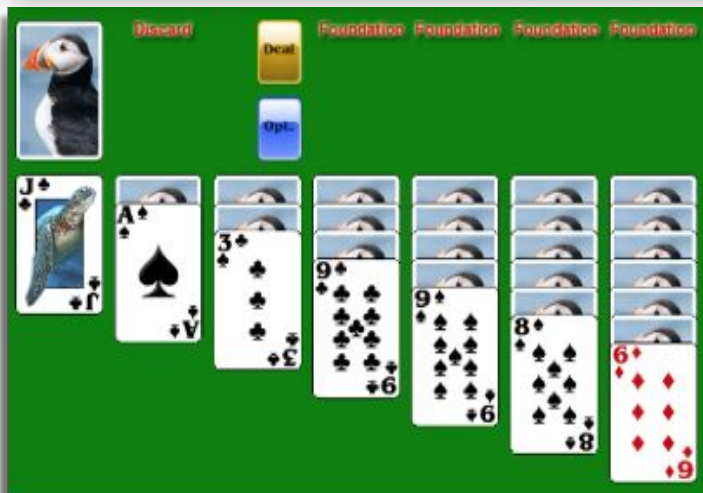
No Notifications

grandCARE 2020 Welcome to Gr

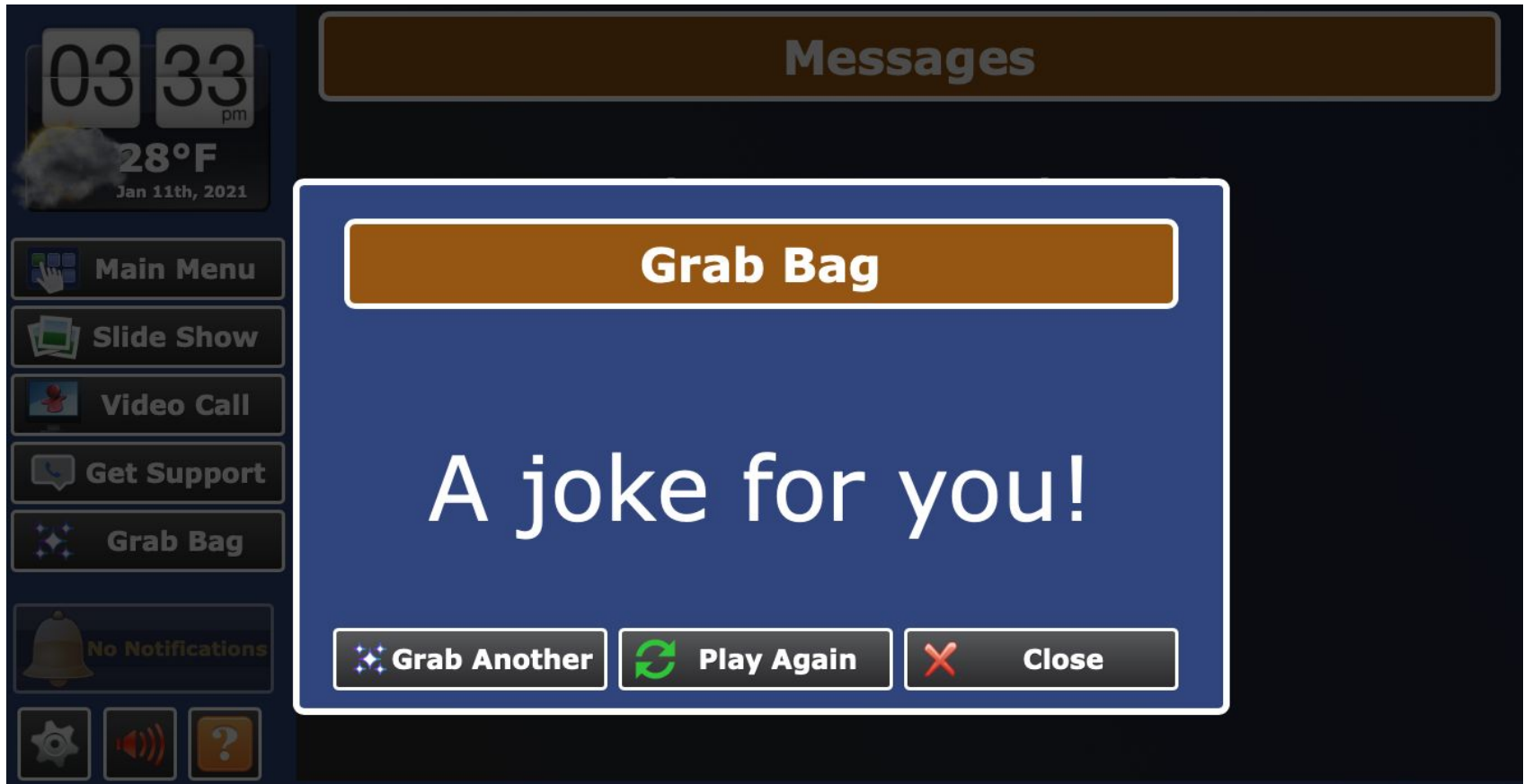
Call From
Laura Mitchell

Ignore Answer

Engagement



Trivia. Quotes. Jokes.



Games!

Games



Tic-Tac-Toe



Checkers



Solitaire



Memory

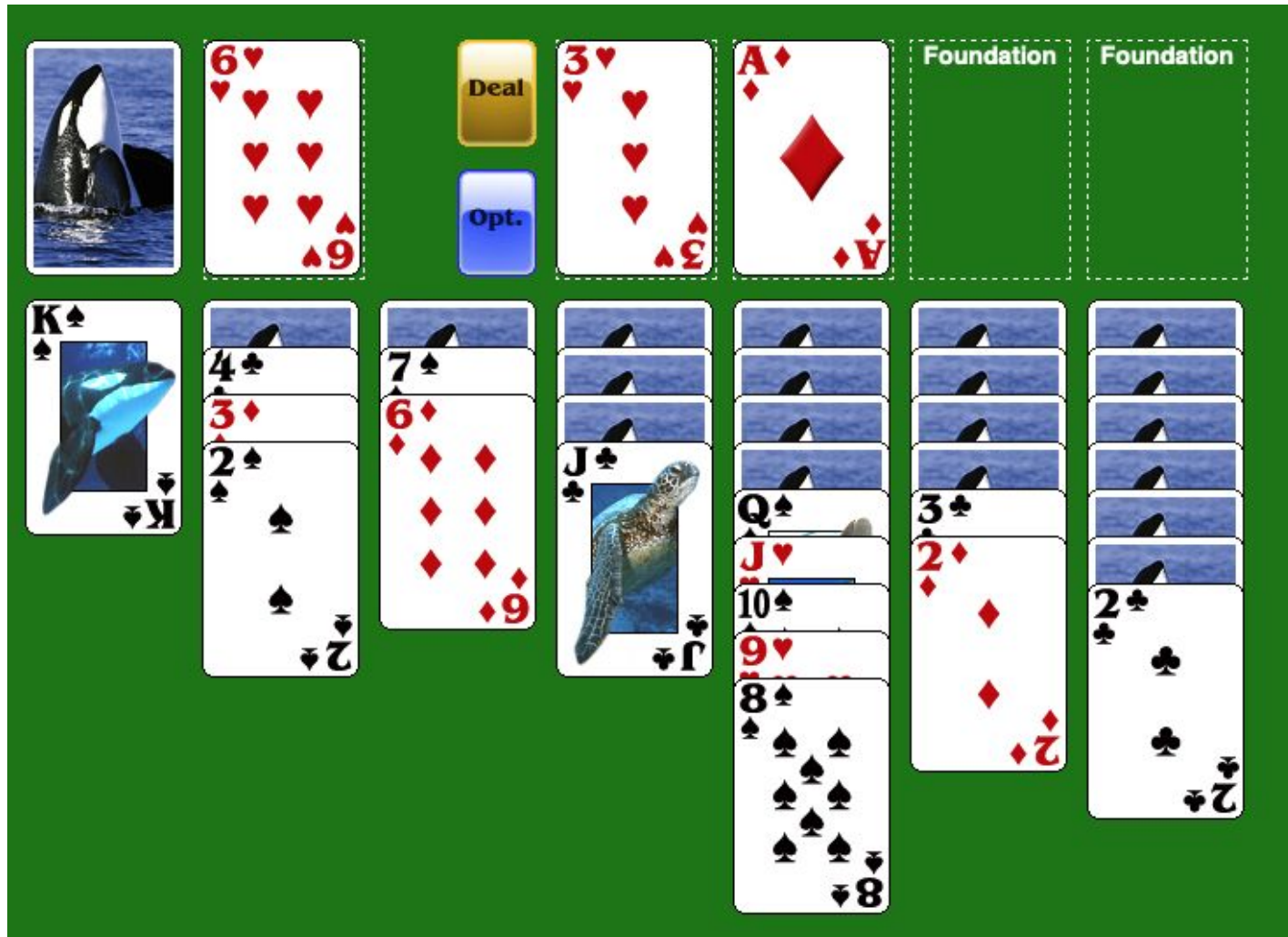


Mystic Square

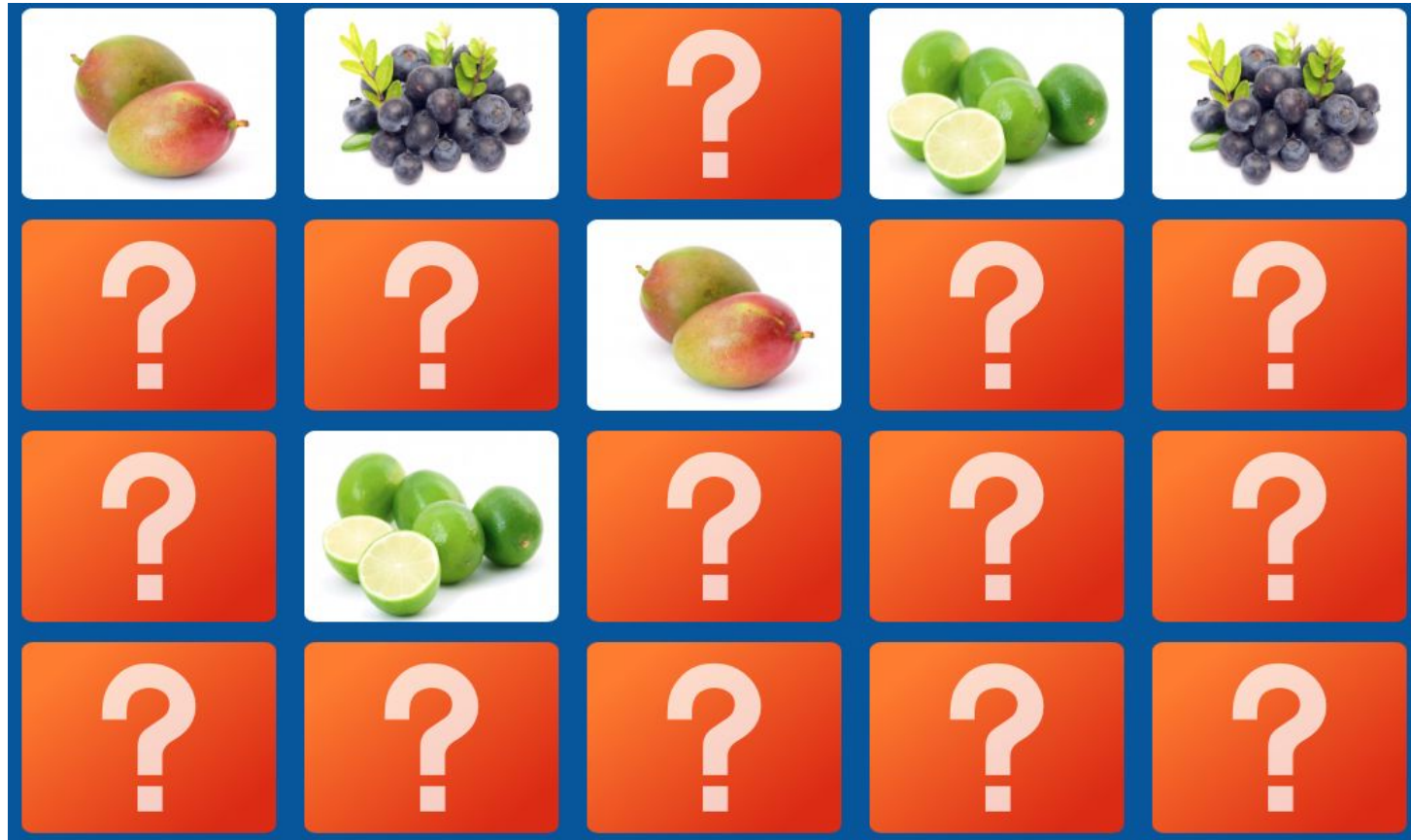


MasterMind

Games!



Games!



Jack G - "This is a really slick and neat system. I really appreciate it."

Live Local or Recorded Old Time Radio



Sharon - "This is cool! Thank you so much!"

Live Local or Recorded Old Time Radio

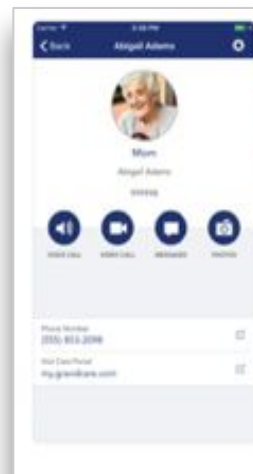


CAROLYN - Really enjoyed the system design overall, especially the local radio design - stating it reminded her of a car she used to have.

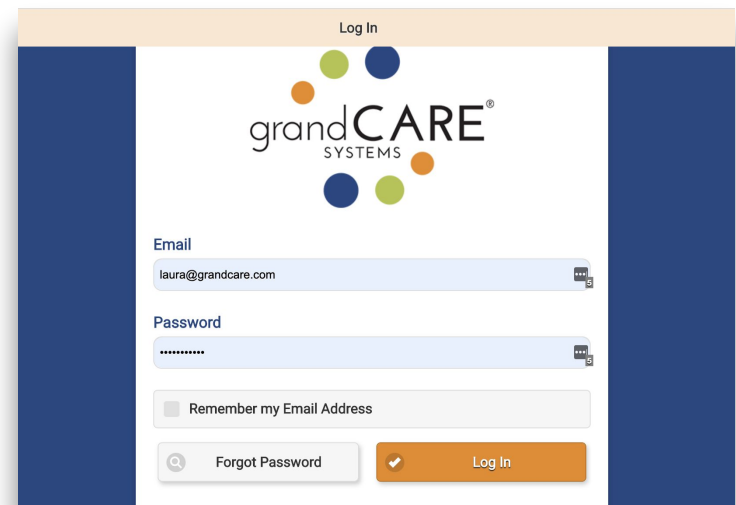
Family and Caregiver Side



Log in to GrandCare web portal or iOS app with user name & password

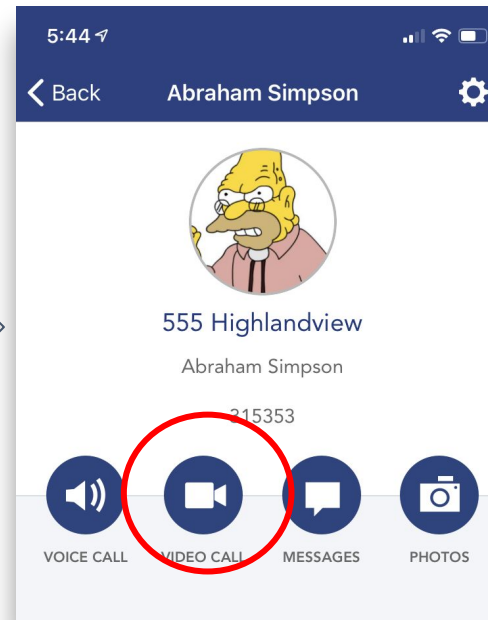
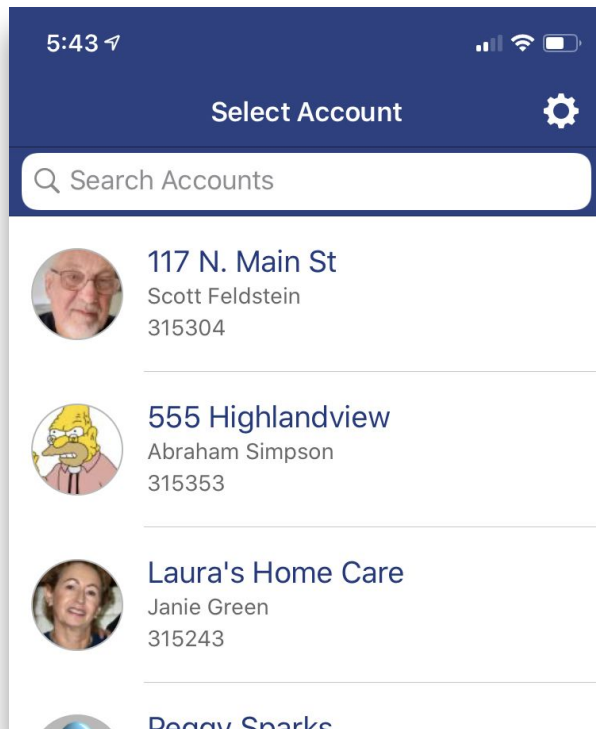


iOS App



HIPAA video chat

Family and Providers can conduct encrypted peer-to-peer HIPAA-compliant video chat from the GrandCare website or iOS app.



Clinical Enterprise Dashboard

The image displays two screenshots of the Clinical Enterprise Dashboard. The left screenshot shows a list of accounts under the heading 'Enabled Accounts'. The right screenshot shows the detailed view for 'Laura's Home Care'.

Enabled Accounts List:

Address	Account ID	OS	SW
117 N. Main St GrandCare Systems Demo Group 1 GrandCare Systems: Demos	315304	OS: 5.4.1	SW: 6.5.3 (build 8582)
555 Highlandview GrandCare Systems Demo Group 1 GrandCare Systems: Demos	315353	OS: 5.4.1	SW: 6.5.3 (build 8582)
Laura's Home Care GrandCare Systems Demo Group 1 GrandCare Systems: Demos	315243	OS: 4.4.1a	SW: 5.2.0 (build 20180705151)
Deany Sparks	315572		

Laura's Home Care Detailed View:

The detailed view for 'Laura's Home Care' (Account ID 315243) shows the following information:

- Summary:** Home icon, Details, Data, Caregiving, Communicate.
- Navigation:** Prev Account, Open Care Menu, Show Touchscreen, **Video Call** (highlighted), Next Account.
- Back:** Back button.
- Caregiver:** Janie Green (with photo and Details button).
- LAURA'S HOME CARE STATUS:**
 - SYSTEM:** System status: Up. Last Checkin was 08/17/2020 5:54pm CDT. View button.
 - ALERTS:** 6 hours 57 minutes. Recent Alert: An Alert has been raised in the last 24 hours. View button.

Initiate Video Chat from
Dashboard or iOS app

Lorien Telehealth Study



Provided by: Maryland-based home health provider, Lorien Health Services

Utilized GrandCare along with their clinical and caregiving staff in a grant to study telehealth in improving outcomes, chronic disease management and mitigating hospital readmissions

Study focused on three chronic conditions:

1. Diabetes
2. CHF
3. Hypertension



Lorien Telehealth Study

Lorien Telehealth Study Findings for Patients:

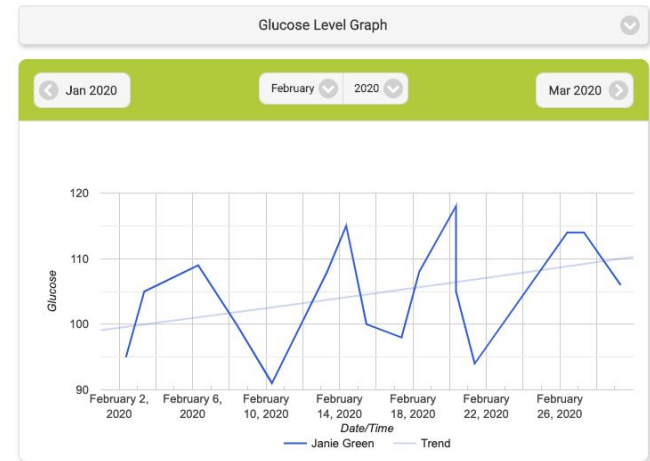
Improvement in Patients with Diabetes

- *97% maintained or improved their A1C lab values.*
- *52.8% clients maintained baseline and had A1C values below their baseline, demonstrating improvements*

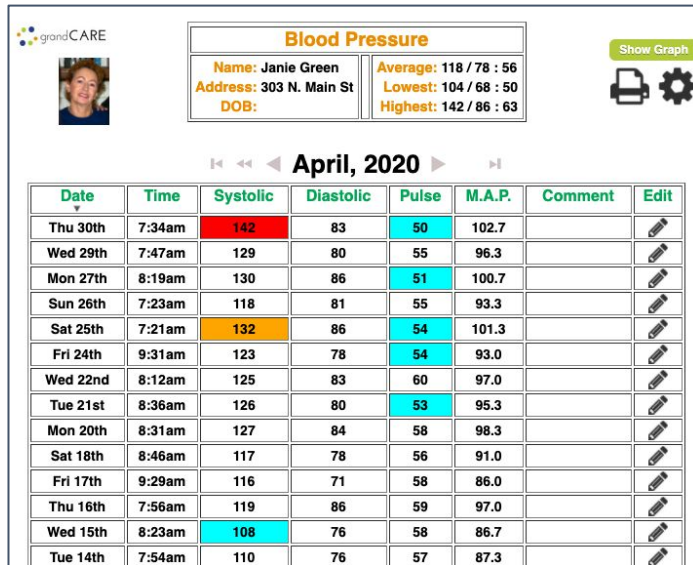



Improved Hospital Readmissions rates for CHF, Diabetes, Hypertension:

- *The related-cause 30-day readmission rate was 0%*
- *The all-cause 30-day readmission rate was 4.5%*
- *2015 CMS unadjusted Medicare Rates for MD 15.95%*



Lorien Telehealth Study



Blood Pressure						
		Name: Janie Green Address: 303 N. Main St DOB:		Average: 118 / 78 : 56 Lowest: 104 / 68 : 50 Highest: 142 / 86 : 63		Show Graph
April, 2020						
Date	Time	Systolic	Diastolic	Pulse	M.A.P.	Comment
Thu 30th	7:34am	142	83	50	102.7	
Wed 29th	7:47am	129	80	55	96.3	
Mon 27th	8:19am	130	86	51	100.7	
Sun 26th	7:23am	118	81	55	93.3	
Sat 25th	7:21am	132	86	54	101.3	
Fri 24th	9:31am	123	78	54	93.0	
Wed 22nd	8:12am	125	83	60	97.0	
Tue 21st	8:36am	126	80	53	95.3	
Mon 20th	8:31am	127	84	58	98.3	
Sat 18th	8:46am	117	78	56	91.0	
Fri 17th	9:29am	116	71	58	86.0	
Thu 16th	7:56am	119	86	59	97.0	
Wed 15th	8:23am	108	76	58	86.7	
Tue 14th	7:54am	110	76	57	87.3	

96.5% CHF patients maintained or improved their baseline NYHA classification score

84% patients with Hypertension maintained or improved their JNC7 classification score.

58% reduction in acute care admission rates, savings of \$372,672

Patients reported willingness to become **more engaged + aware of health**

Participants in a GrandCare pilot reported **high levels of patient satisfaction**

100% participants agreed:

“I have no difficulty telling others about the benefits of the system.”

Clinical Outcomes Using GrandCare



AllHealth CHOICE, based in Atlanta, conducted study with local EMT utilizing GrandCare telehealth, medication management along with a care management team staff to reduce hospital readmissions. Reduced general admissions by 51% and frequent flyers by 75%.

This patient population demonstrated 88% adherence to their medical device and medication reminder treatment regimen.

For patients GrandCare Technology in the home in conjunction with case management, 93% reported satisfaction with services.



GrandCare Systems



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262-338-6147

