

## Applefest Lodge Long Term Care Facility Brighton Ontario



Applefest Lodge, an established, comfortable and warm retirement community. Located in Brighton, Ontario on the shores of Lake Ontario (90 minutes from the Greater Toronto Area) at the gateway to Presqu'ile Provincial Park.

### Existing Nurse Call System to be advanced:

- Mircom analog system, wall mounted alarm panel, buzzer
- Dome lights outside the door with incandescent bulb lights
- Pull cords in washrooms
- Alarm Button at the bed

Notes: NCS equipment from 1984, 78 rooms, 3 floors, missing 24 pull cords in 3-rd building add-on. Old Meridian PBX in use, analog land lines from Bell.

### System upgrade requirements:

- To add 24 missing pull cords and integrate them in to existing NCS
- To have live panel big screen, visible from nurse station and common area
- To update phone system and have no dependency in adding new phones, tenants' lines and wireless mobile phones. Ability to have extensions working outside of facility. Cell phone integrations, call recordings, messaging and notifications
- Alarm escalation with the minimum of 3 levels
- NCS automated reports, analytic, staff efficiency and reports on demand
- Remote access to Event Management Portal from multiple locations
- Wireless Mobile phones for notifications, room alarms and full duplex voice for nurses
- Wi-Fi coverage including parking and entrance area
- Video Intercom fully integrated and call pop-up on the Live Panel with live video
- No shut-down time, zero impact in facility operation

**Equipment provided by Controlledcare to satisfy requirements:**

- SIP compliant PBX, HA redundant mode, not limited in features. No license fees.
- Ascom i62 wireless phones, battery charging station, spare units.
- 12 Desktop SIP Phones, multiline, color screen, hands-free speakerphone, LED key
- Video Door intercom, full duplex, access control integrated
- 24 Generic pull cords
- Controlledcare Advanced Controller with the opto-lines
- Events and Alarms Management Server with the reporting tools, CCTV plugin
- Network Equipment, - Access Points 8, 2x32 port switches, Router and CAT6 runs
- 40' LCD screen, wall mounted and embedded thin client web based

**Solution and integrations provided by Controlled Care:**

- Alarms Live Panel with the History Frame, multi-location support
- Analytic and Reporting's with automated export and delivery
- Nurse Call Activity, Staff efficiency and patient care evidence
- Remote access to the Event Management portal
- NCS integrated to Phone System and Door Intercom
- Phone System with three levels: Tenants, NCS and Management
- Escalated Alarms, Nurses on shift, Master Nurse, General Manager
- Additional 24 pull cords mounted and integrated
- Wi-Fi covered hole facility and extended areas as well
- Alarm Live Panel with TTS option mounted in visible area
- Implemented zoning function
- Video Door Intercom integrated with PBX and NCS
- Configured properly network with the failover
- Added to the 24/7 monitoring system for advanced system notifications
- Training provided to staff and management

**Benefits after upgrade:**

- Making revenue on providing to tenants' phone services direct
- Better staff management, evidence of activity and logs
- Better patient care level and easy communication
- Mobile flexibility and advanced communication
- Additional security level and events recordings
- Proof of reaction on emergency situation, full evidence
- Whole facility covered by reliable 3 layers Wi-Fi with the guest access
- Detailed reports per room, zone, floor or department
- Remote access to management portal, live panel and camera
- License independent application with no renewal fees

**Upgrading process details:**

- Adding Controlledcare advanced controller to Mircom panel (no facility services impact)
- Connecting Wireless Access points and network configuration
- Connecting new Phone System, and new desk phones making ready for migration
- Connecting new Pull Cords to Controlledcare advanced controller
- Connecting 40' Live Panel Monitor on the wall and test
- Porting numbers and replacing old Meridian PBX (no interruption in communication)
- Activating new Event Management Server and testing new features
- Testing Alarms, Escalations, additional rules, reports and recordings
- Video Door intercom integration, remote access and additional alerts for management
- Training provided to management and for each shift
- Removing old legacy equipment and cleaning post processing options

**OLD EQUIPMENT:**

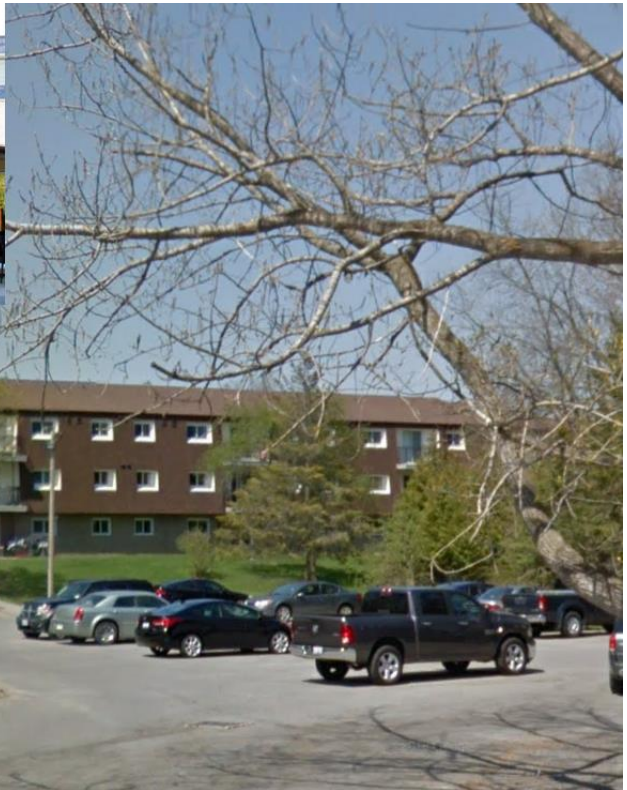
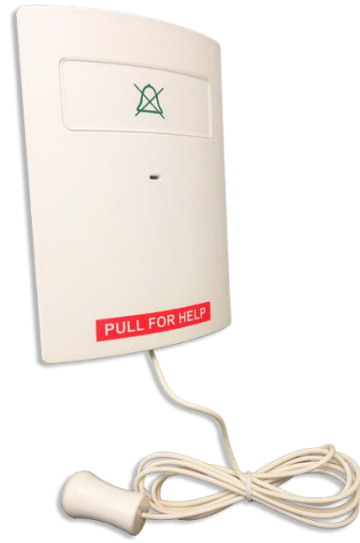




NEW EQUIPMENT:

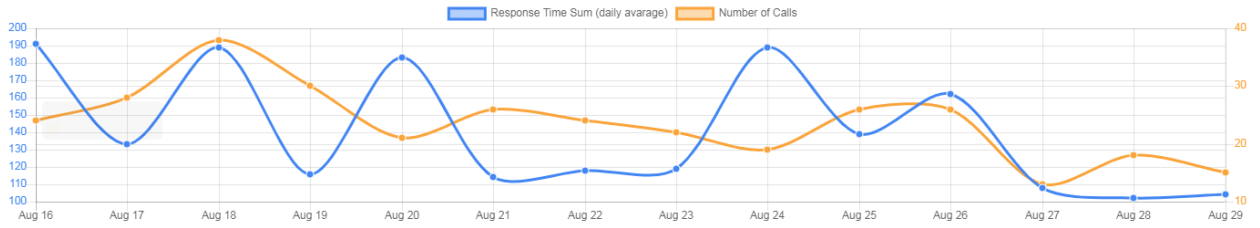









Friday, August 16, 2019 - Thursday, August 29, 2019




Control Button	Floor #	Department	Room #	Bed #	Total Calls	Response Time
Bed or Bath Cord	2	Nursing Home 2nd Floor	207		1	00h:04m:42s
Bed or Bath Cord	1	Nursing Home 1st Floor	111		1	00h:03m:58s
Bed or Bath Cord	2	Nursing Home 2nd Floor	209		11	00h:03m:21s
Bed or Bath Cord	1	Nursing Home 1st Floor	019		1	00h:03m:17s
Bed or Bath Cord	1	Nursing Home 1st Floor	105		10	00h:03m:07s
Bed or Bath Cord	2	Nursing Home 2nd Floor	203		29	00h:02m:57s
Bed or Bath Cord	2	Nursing Home 2nd Floor	206		16	00h:02m:53s
Bed or Bath Cord	1	Nursing Home 1st Floor	001		2	00h:02m:50s
Bed or Bath Cord	3	Nursing Home 3rd Floor	306		3	00h:02m:48s
Bed or Bath Cord	1	Nursing Home 1st Floor	102		3	00h:02m:48s
Bed or Bath Cord	1	Nursing Home 1st Floor	013		29	00h:02m:44s
Bed or Bath Cord	3	Nursing Home 3rd Floor	302		5	00h:02m:41s
Bed or Bath Cord	1	Nursing Home 1st Floor	017		45	00h:02m:37s
Bed or Bath Cord	2	Nursing Home 2nd Floor	202		54	00h:02m:29s
Bed or Bath Cord	1	Nursing Home 1st Floor	014		2	00h:02m:15s
Bed or Bath Cord	1	Nursing Home 1st Floor	020		26	00h:02m:11s
Bed or Bath Cord	1	Nursing Home 1st Floor	021		19	00h:01m:55s
Bed or Bath Cord	2	Nursing Home 2nd Floor	201		1	00h:01m:49s
Bed or Bath Cord	1	Nursing Home 1st Floor	106		2	00h:01m:47s
Bed or Bath Cord	1	Nursing Home 1st Floor	035		12	00h:01m:46s


Applefest Lodge
Floor Plan
Monitor: All Departments
08/29/2019 14:12:45
CONTROLLED CARE powered by



**ROOM 202** D2-202-000



**ROOM 203** D2-203-000



**ROOM 102** D1-120-1200

**Call History (6)**

- 0001 - 1-1 LEVEL 1 ROOM 102  
 Activated: 08/29/2019 02:03:52 PM  
 Canceled: 08/29/2019 02:05:03 PM  
 Response: 00h:01m:11s 00h:09m:00s ago
- 0006 - 1-1 LEVEL 1 ROOM 102  
 Activated: 07/12/2019 09:51:18 AM  
 Canceled: 07/12/2019 09:51:27 AM  
 Response: 00h:00m:09s 1156h:23m:35s ago
- ! ● 0005 - 1-1 LEVEL 1 ROOM 102  
 Activated: 07/12/2019 09:51:14 AM  
 Canceled: 07/12/2019 09:51:26 AM  
 Response: 00h:00m:12s 1156h:22m:37s ago
- 0001 - 1-1 LEVEL 1 ROOM 102  
 Activated: 07/12/2019 09:50:18 AM  
 Canceled: 07/12/2019 09:51:03 AM  
 Response: 00h:00m:45s 1156h:23m:00s ago
- 0002 - 2-1 LEVEL 2 ROOM 202  
 Activated: 07/12/2019 09:50:35 AM  
 Canceled: 07/12/2019 09:50:49 AM  
 Response: 00h:00m:14s 1156h:23m:14s ago
- 0001 - 2-1 LEVEL 2 ROOM 202  
 Activated: 07/12/2019 09:50:30 AM  
 Canceled: 07/12/2019 09:50:47 AM