File    View    Option    Help

*vecSpectra*
*Golden Dragon Hotel*

> *Home*

### Setup

### Inspect

### Dashboard

### Preferences

### Login

### Help

*Site Info*

**Site Name:** Golden Dragon Hotel
**Elevators:** 4 (Grouped)
**Last Maint.:** 2012-04-11
**Status:** Normal

More info...

Elevators

**Passenger Lift #1**

**Host Name:** NO1
**Status:** Idle
**Last Maint.:** 2012-04-11

▲ 28

Closed

| Logs | Motion |
| Calls | Control |

7  ▲ ▼
6  ▲ ▼
5  ▲ ▼
4  ▲ ▼
3  ▲ ▼
2  ▲ ▼
1  ▲ ▼
G  ▲ ▼

**Passenger Lift #2**

**Host Name:** NO2
**Status:** Idle
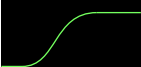**Last Maint.:** 2012-04-11

▼ 18

Closed

| Logs | Calls |
| Motion | Control |

Pos.: 4217.05 mm

Speed: 2.480 m/s

**Passenger Lift #3**

**Host Name:** NO3
**Status:** Offline
**Last Maint.:** ---

− −

| Calls | Motion |
| Logs | Control |

[12:30:45] Goto 5/F
[12:30:50] Arrive 5/F
[12:40:50] Parking
[12:55:00] Disconnected

Online

Local IP: 192.168.1.200

*Home Screen (Vertical)*

File   View   Option   Help

*Menu tree order and text for inspect page*

> Overview
> Calls and Schedule
> Motion
> Devices
   Hall Link
   Car Link
> Logs
> Statistic

*OS native design Menu tree*

Hall Link Device List:

| ID | Type/Name |
|----|-----------|
| 2  | DM3A (Main Lobby) |
| 3  | DM3A |
| 4  | DM3A |
| 5  | DM2A |
| 6  | GP4G |
| 7  | Liftshow (Hotel Lobby) |

Refresh

Device

Device ID:   7 (0x07)
Device Type:   4 (DM3A)
Serial Number:   00001504
Power Mode:   Normal
Status:   Normal
Hardware Version:   0x0100
Firmware Version:   0x0221

Control

Refresh    Set Output
Power Down    Set Display
Reset    Set Trigger

I/O Status

Input:   0x00108000    Output:   0xF0000001

|    | In Out |    | In Out |    | In Out |    | In Out |
|----|--------|----|--------|----|--------|----|--------|
| 1  | ● ●    | 9  | ● ●    | 17 | ● ●    | 25 | ● ●    |
| 2  | ● ●    | 10 | ● ●    | 18 | ● ●    | 26 | ● ●    |
| 3  | ● ●    | 11 | ● ●    | 19 | ● ●    | 27 | ● ●    |
| 4  | ● ●    | 12 | ● ●    | 20 | ● ●    | 28 | ● ●    |
| 5  | ● ●    | 13 | ● ●    | 21 | ● ●    | 29 | ● ●    |
| 6  | ● ●    | 14 | ● ●    | 22 | ● ●    | 30 | ● ●    |
| 7  | ● ●    | 15 | ● ●    | 23 | ● ●    | 31 | ● ●    |
| 8  | ● ●    | 16 | ● ●    | 24 | ● ●    | 32 | ● ●    |

Display

▲ 28

Char:   28
Arrow:   2 (Up Rolling)
Msg:   None
Dim:   No

*Inspect Screen*

For all dimension not stated, please take approximate value
by the scale as shown in this file and round them to nearest 12px unit.
Except 6px and 18px.

180px | 12px

Device

180px

Device ID: 7 (0x07)
Device Type: 2 (DM3A)   18px
Serial Number: 00001504
Power Mode: Normal
Status: Normal
Hardware Version: 0x0100
Firmware Version: 0x0221

Common Panel
Associated Panel

24px

Control
Refresh
Power Down
Reset

Display

▲ 28

Char: 28
Arrow: 2 (Up Rolling)
Msg: None
Dim: No
18px

300px

I/O Status
Input: 0x00108000     Output: 0xF0000001

In Out        In Out        In Out        In Out
1  ● ●      9  ● ●     17  ● ●     25  ● ●
2  ● ●     10  ● ●     18  ● ●     26  ● ●
3  ● ●     11  ● ●     19  ● ●     27  ● ●
4  ● ●     12  ● ●     20  ● ●     28  ● ●
5  ● ●     13  ● ●     21  ● ●     29  ● ●
6  ● ●     14  ● ●     22  ● ●     30  ● ●
7  ● ●     15  ● ●     23  ● ●     31  ● ●
8  ● ●     16  ● ●     24  ● ●     32  ● ●

24px     Set Trigger        Set Output     24px

Set Display

24px    24px     120px   12px   12px   12px

*DM3A Inspect*

Device

Device ID: 7 (0x07)
Device Type: 4 (DM2A)
Serial Number: 00001504
Power Mode: Normal
Status: Normal
Hardware Version: 0x0100
Firmware Version: 0x0221

600px

Control
Refresh
Power Down
Reset

Display

▲ 28

Char: 28
Arrow: 2 (Up Rolling)
Msg: None
Dim: No

I/O Status
Input: 0x00
Output: 0x0F

ui_led2.png

In Out
1  ● ●
2  ● ●
3  ● ●
4  ● ●

Set Trigger
12px
Set Output

Set Display

600px

*DM2A Inspect*

## Device (GP32)

Device ID: 7 (0x07)
Device Type: 1 (GP32)
Serial Number: 00001504
Power Mode: Normal
Status: Normal
Hardware Version: 0x0100
Firmware Version: 0x0221

### Control

Refresh
Power Down
Reset

### I/O Status

Input: 0x00108000    Output: 0xF0000001

| | In Out | | In Out | | In Out | | In Out |
|---|---|---|---|---|---|---|---|
| 1 | 🟢🔴 | 9 | 🟢🔴 | 17 | 🟢🔴 | 25 | 🟢🔴 |
| 2 | 🟢🔴 | 10 | 🟢🔴 | 18 | 🟢🔴 | 26 | 🟢🔴 |
| 3 | 🟢🔴 | 11 | 🟢🔴 | 19 | 🟢🔴 | 27 | 🟢🔴 |
| 4 | 🟢🔴 | 12 | 🟢🔴 | 20 | 🟢🔴 | 28 | 🟢🔴 |
| 5 | 🟢🔴 | 13 | ⚫🔴 | 21 | 🟢🔴 | 29 | 🟢🔴 |
| 6 | 🟢🔴 | 14 | 🟢🔴 | 22 | 🟢🔴 | 30 | 🟢🔴 |
| 7 | 🟢🔴 | 15 | 🟢🔴 | 23 | 🟢🔴 | 31 | 🟢🔴 |
| 8 | 🟢🔴 | 16 | 🟢🔴 | 24 | 🟢🔴 | 32 | 🟢🔴 |

Set Trigger    Set Output

*GP32 Inspect*

## Device (GP4G)

Device ID: 7 (0x07)
Device Type: 3 (GP4G)
Serial Number: 00001504
Power Mode: Normal
Status: Normal
Hardware Version: 0x0100
Firmware Version: 0x0221

### Control

Refresh
Power Down
Reset

### Gong

Gong Code: 2
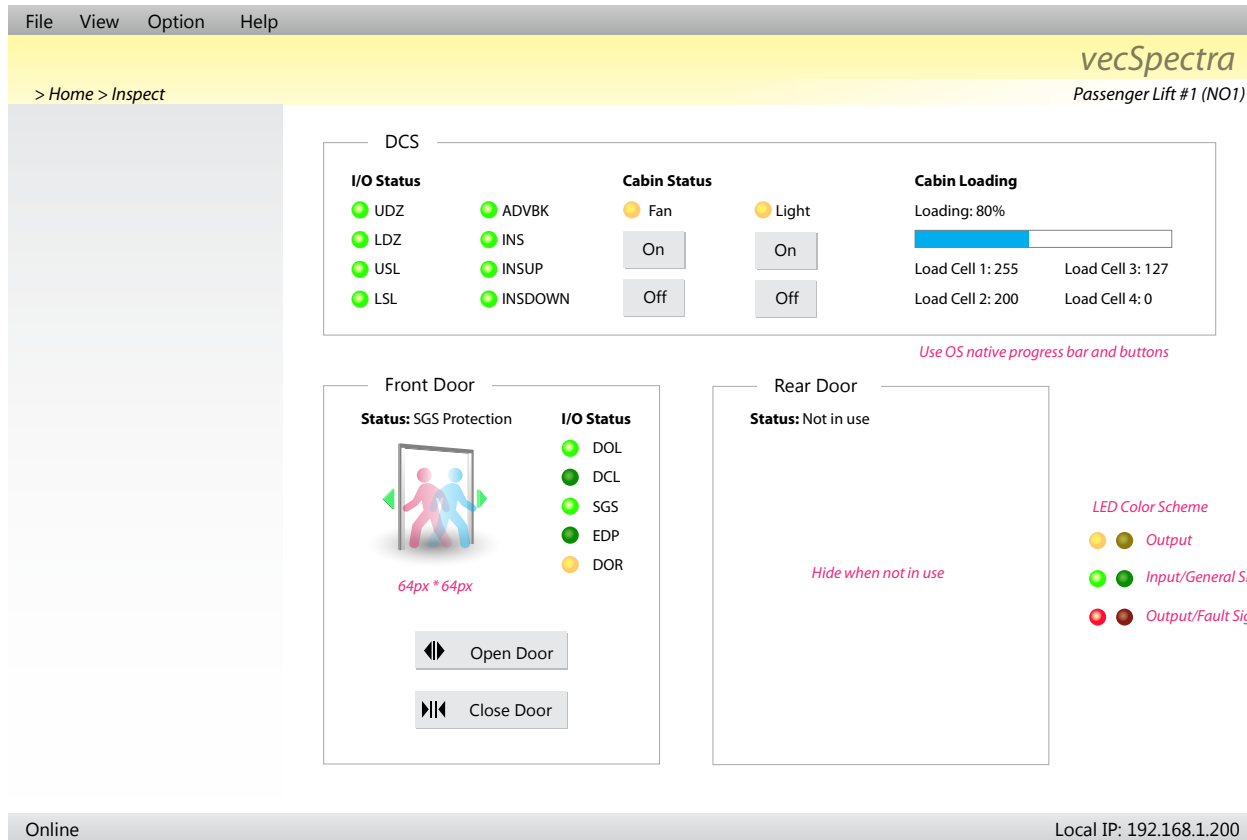Floor ID: 15

Set Gong

### I/O Status

Input: 0x00    Output: 0x0F

| | In Out |
|---|---|
| 1 | 🟢🔴 |
| 2 | 🟢🔴 |
| 3 | 🟢🔴 |
| 4 | 🟢🔴 |

Set Trigger

Set Output

*GP4G Inspect*

File   View   Option   Help

**>>> More detail of this page on ui3.pdf <<<**

vecSpectra
Passenger Lift #1 (NO1)

> *Home* > *Inspect*

*Color Scheme for charts:*

*#ed0*

*#af4*

*#3af*

*Pos. Line:*
*#ed0, solid, 1px*

*Speed Line:*
*#af4, solid, 1px*

*Grid Line:*
*#444, solid, 1px*

*anti-alias to CURVES preferred*

*heading: 14px bold #000*
*item name: 12px bold #000*
*value & unit: 12px regular #000*

*margin 24px to all edge*

*300px chart area only not include axis and value space*

**Realtime Status**

| | | |
|---|---|---|
| **Position:** | 1234.56 | mm |
| **Speed:** | 2497.00 | mm/s |
| **Acceleration:** | 810.01 | mm/s$^2$ |
| **Jerk:** | -750.02 | mm/s$^3$ |
| **Destination:** | 5678.56 | mm |
| **Brake Disp.:** | 2345.56 | mm |

→ *Align* → ← 

**Running Profile**

| | | |
|---|---|---|
| **Jerk 1:** | 1234.56 | mm |
| **Max. Accel.:** | 2497.00 | mm/s |
| **Jerk 2:** | 810.55 | mm/s$^2$ |
| **Max. Speed:** | -750.66 | mm/s$^3$ |
| **Jerk 3:** | 5678.56 | mm |
| **Max. Decel.:** | 2345.56 | mm |
| **Jerk 4:** | 2345.56 | mm |

**Statistic**

**Avg. Position Adjustment:** 1234.56 mm
**Max. Position Adjustment:** 2497.00 mm/s
**Min. Position Adjustment:** 810 mm/s$^2$
**Speedloss Rate:** -750 mm/s$^3$
**Overspeed Rate:** 5678.56 mm
**Avg. Run Time:** 32s
**Run Count:** 250

*More…* *Click link to goto Inspect-Statistic page*

*Skip this section in current stage (2013-03-09)*

Online

Local IP: 192.168.1.200

*Motion Inspect Screen*

*vecSpectra*

> *Home* > *Inspect*

Passenger Lift #1 (NO1)

## DCS

**I/O Status**
- 🟢 UDZ
- 🟢 LDZ
- 🟢 USL
- 🟢 LSL
- 🟢 ADVBK
- 🟢 INS
- 🟢 INSUP
- 🟢 INSDOWN

**Cabin Status**

🟡 Fan

| On |

| Off |

🟡 Light

| On |

| Off |

**Cabin Loading**

Loading: 80%

Load Cell 1: 255     Load Cell 3: 127
Load Cell 2: 200     Load Cell 4: 0

*Use OS native progress bar and buttons*

### Front Door

**Status:** SGS Protection

*64px * 64px*

**I/O Status**
- 🟢 DOL
- 🟢 DCL
- 🟢 SGS
- 🟢 EDP
- 🟡 DOR

| ◀▮▶  Open Door |

| ▶▮◀  Close Door |

### Rear Door

**Status:** Not in use

*Hide when not in use*

*LED Color Scheme*

🟡 🟤  *Output*

🟢 🟢  *Input/General Signal*

🔴 🟤  *Output/Fault Signal*

Online

Local IP: 192.168.1.200

## *Door Inspect Screen*

*vecSpectra*

*Passenger Lift #1 (NO1)*

**Safety Chain**
- 🟢 DFC - Door Fully Closed
- 🟢 DW - Hall Door Closed
- 🟢 HES - Hall Safety Sense
- 🟢 CES - Car Safety Sense

**Feedbacks**
- 🟢 ENABLE - Main Contact
- 🟢 DBDE
- 🟢 DBDF
- 🟢 BS - Brake Sense
- 🟢 LVCFB - LVC feedback

**Motor Driver**
- 🟢 DRVOK - Driver Ready
- 🟢 DRVBM - Driver Brake Monitor
- 🟢 DRVENF - Driver Enabled Feedback

**Door Zones**
- 🟢 UDZ - Upper Door Zone
- 🟢 LDZ - Lower Door Zone
- 🟢 USL - Upper Shaft Limit
- 🟢 LSL - Lower Shaft Limit

**Inspection**
- 🟢 INS - Inspection
- 🟢 INSUP - Inspection Up
- 🟢 INSDOWN - Inspection Down

**System**
- 🟢 ADO - Advance Door Open
- 🟢 V24MON - 24V Monitor
- 🟢 ENCF - Encoder Fault Sense
- 🟢 THM - Temperature Monitor

**Generic Relay Output**
- 🟡 RL1 - UR   *Output port name is fixed*
- 🟤 RL2 - DR
- 🟡 RL3 - RR   *Output source name change according to crossbar setting*
- 🟤 RL4 - BR
- 🟡 RL5 - RBR
- 🟤 RL6 - SPDCHK
- 🟡 RL10 - FR

**Digital Output**
- 🟡 P10.1 - DRVEN
- 🟤 P10.2 - DRVFWD
- 🟡 P10.3 - DRVREV
- 🟡 P10.4 - Always 0
- 🟡 P10.5 - Always 0   *Unassigned output will display as '0'*
- 🟤 P10.6 - Always 0
- 🟡 P10.7 - Always 0

Config I/Os

Online

Local IP: 192.168.1.200

## Input/Output Inspect Screen
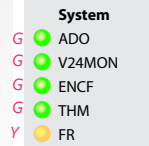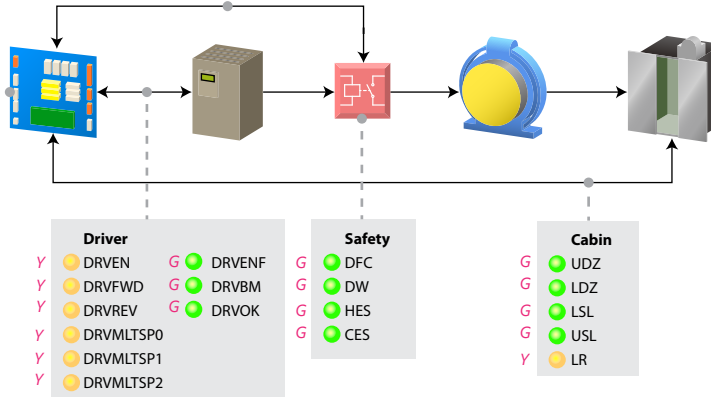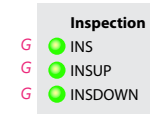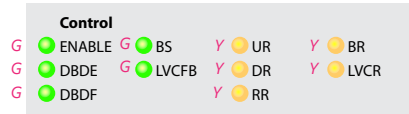
*Block Diagram I/O Inspect Screen*

*vecSpectra*

Search
*Type contains: Critical only, Warning only,*
*Warning and Critical, All*

*Enter both date/time field to do range search*
*Enter only one field to do excat time/date search*

| | | | | |
|---|---|---|---|---|
| **Type:** | Warning ▾ | **Date Range:** | 2012-09-16 to 2012-09-16 | Clear |
| **Error Code:** | 56789 ▾ | **Time Range:** | 14:05:30 to 16:00:00 | Search |

*Click 'Clear button to reset*
*filter values to default*

4 records found.  *Show search result here*

*Click table header to do column sorting*

Delete    Turncate

*Detial of Log clearing buttons*
*pls refer to issue*
*These 2 buttons will be*
*replace by icon later*

| Log #        ▾ | Type | Error Code | Date | Time | Description |
|---|---|---|---|---|---|
| 1501 | Warning | 278916 | 2012-09-01 | 22:15:02 | Emergency stop |
| 1502 | Warning | 5486 | 2012-09-01 | 22:15:02 | Brake open feedback timeout (Count: 2) |
| 1503 | Critical | 18625 | 2012-08-23 | 15:40:00 | Encoder Failure |
| 1504 | Warning | 12912 | 2012-09-12 | 22:15:02 | DCS Communication lost |
| | | | | | |
| | | | | | |
| | | | | | *All cell in table are left-align text* |
| | | | | | |
| | | | | | *double click row to goto card style log* |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

Online

Local IP: 192.168.1.200

*Log Screen (Table style)*

*vecSpectra*

Passenger Lift #1 (NO1)

*Normal Log: Green*
*Warning: Yellow*
*Critical: Red*

*20px, regular, #000*

*Click this to prompt user with*
*yes/no msgbox 'sure to delete?'*
*and delete log when answer yes*

Delete    Search    <    >

*1px, solid, #888*

*24x24px*    Log #1029

*Click this to return to*
*log (table style)*

*16px, bold, #000*
*can show 2 lines of error title*

**[831] Main Contact feedback timeout**

Playback

*1px, solid, #ccc*

*14px, bold, #000*

**Basic Information**

*14px, regular, #000*

Type:           Warning

Date:           2012-09-23

Time:           23:15:20

Error Code:     831

Description:    Main Contact feedback timeout

**Extra Information**

Counts:         8

Last Happen:    2012-08-31 10:20:30

Extra data:     *← Align*

    Sequence: 0x1A

    Sequence Time: 21.50

    Position: 7823.20mm

    Speed: 1748.12mm/s

*← Align*

*short record of Speed, I/O, calls playback,*
*assistant information*

Online

Local IP: 192.168.1.200

*Log Screen (Card style)*

| | [12:34:56] [MCS] Error 1 |
|---|---|
| | [12:34:56] [MCS] Error 2 |
| | [12:34:56] [OCS] Long error message |
| | [12:34:56] [MCS] Very long error message 1 |
| | [12:34:56] [OCS] Error 3 |

*4~5 lines*
*14px regular #000*
*background stripe on*
*even lines with #fff and #ddd*

*Double click each line to goto*
*Inspect->Log*

## Info Panel (Logs 1)

*Text based summary of the error/logs*

*Log record #*
*16px, bold, #00f*
*Click it to goto Inspect->Log*

*Log type and icon*
*14px, bold, var color*

*16x16px*

*nav buttons*

## Log #123456

*text align baseline*

Warning 🟡

< >

*1px solid #000*

Time: 2012-09-23 16:05:20

Code: [MCS] 10050

*Description of 'Code'*

Message: Brake Open Feedback Time out (Count: 5)

*Extra information translate from 'Detail'*

## Info Panel (Logs 2)

*LogCard based error/logs*

*vecSpectra*

*Passenger Lift #1 (NO1)*

## Hall Calls

32/F

2/F
1/F
G/F

*break into 2 or more column if floor >24 for each column*

## Car Calls

32/F

2/F
1/F
G/F

*show horizontal scroll bar if more than 2 column*

## Elevator Status

▲ 18

>> Going to Floor 28
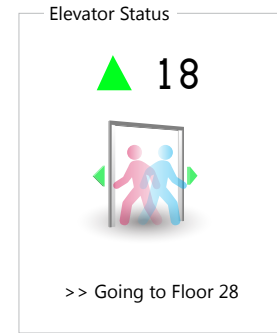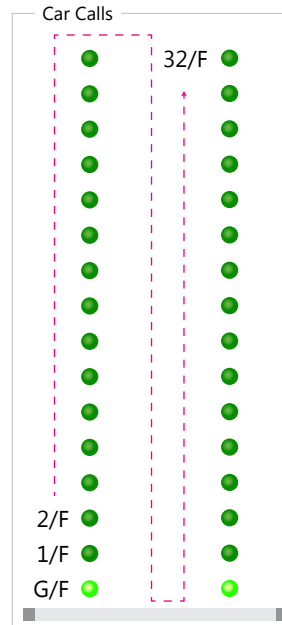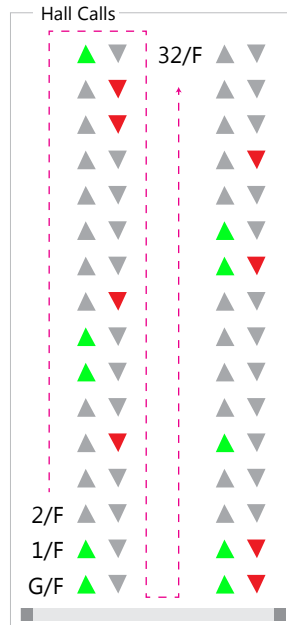
*Display realt-ime schedule*

Online

Local IP: 192.168.1.200

*Calls and Schedule Screen*

## Color Scheme for charts:

#ed0 ▬

#af4 ▬

#3af ▬

Pos.: 42.1705 mm          Speed: 2.480 m/s

BG: Gradient
#000000->#181818

Pos. Line:
#ed0, solid, 1px

Speed Line:
#af4, solid, 1px

Grid Line:
#444, solid, 1px
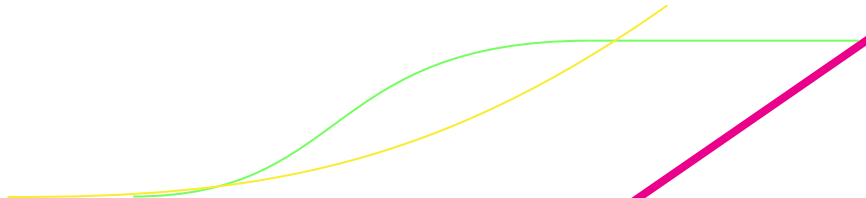
Grid: X spacing 20px ~0.5second, Y spacing: 10px (auto scale)

Chart size: 235px x 60px

## out-dated spec don't use

15  16  17  18

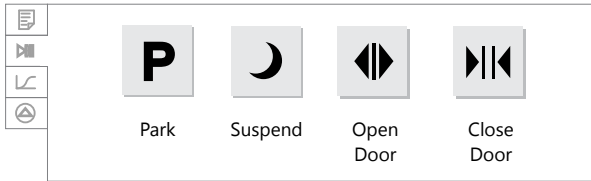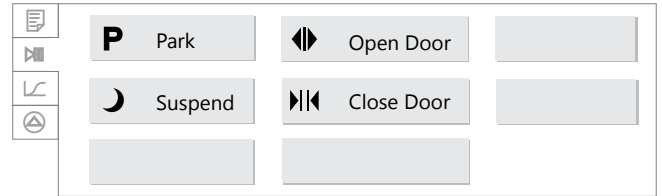G  LG1  2  3
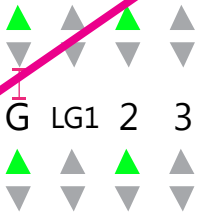
Floor accending
from bottom to top,
For more than 30
floors, use scroll bar.

*Info Panel (Calls)*

*Info Panel (Control)*



*Info Panel (Control 2)*



*Info Panel (Control 3)*

*11px #000 regular*

*1px solid #000*

*text center align in button*

*toggle buttons*

*command buttons*

Access Control

Call Shortcut

Disable Door Open

Top Floor

Cut Hall Call

Bottom Floor

Park

Suspend

Open Door

Close Door

P Park

) Suspend

Open Door

Close Door

...

Connect to remote site
Manage remote site

...

*vecSpectra*

Golden Dragon Hotel (Local) ▾

**Golden Dragon Hotel (Local)**
    Passenger Lift #1
    Passenger Lift #2
✓ Passenger Lift #3
    Passenger Lift #4
**Holiday Inn (Remote)**
    Passenger Lift #1
    Passenger Lift #2
    Passenger Lift #3
    Passenger Lift #4

Remote Site List

*'Remote site list' is a preset list of elevator and site saved in the client computer so that user can easily access to his maintaining elevators.*

*Client can store and remember login info such as IP:Port, username and password.*

Form1

Site List
    Sample Node
        Sample Node
            Sample Node
    Sample Node

Add Site    Move Up
Add Elevator    Move Down
Delete

Site Information
    Site Name:    Text1
    IP Address:    Text1
    Username:    Text1
    Password:    Text1
    Auth. Key:    Text1

Elevator Information
    Elevator Name    Text1
    IP Address:    Text1    ☐ Global
    Port:    Text1    ☐ Global
    Username:    Text1    ☐ Global
    Password:    Text1    ☐ Global
    Auth. Key:    Text1    ☐ Global

        Cancel    Save

*Site List Manager*

*Quick Access Site List:*
*List all preseted site at once. Put local elevators on top.*
*Mark site name as (Remote) for remote site and (Local) for local site.*
*If local site has preseted data in remote site list, clear out duplicated items.*

*Site name = 14px, bold, #000*
*Elevator name = 14px, regular, #000, and indent 24px*

*For general guideline on Pop-up windows, please refer to 'GNOME Human Interface Guidelines 2.2.2' section '8.2. Window Layout'*

*http://developer.gnome.org/hig-book/3.4/design-window.html.en*

# *Remote Site*

## Form1

**Site List**

```
Sample Node
        Sample Node
        Sample Node
Sample Node
```

*Site list tree:*
*Same display order as in dashboard*
*Allow right click to move up, move down, copy/cut/paste*

*Tree action buttons*

| Add Site | Move Up |
| Add Elevator | Move Down |
| Delete | |

**Site Information**

| Site Name: | Text1 |
| IP Address: | Text1 |
| Username: | Text1 |
| Password: | Text1 |
| Auth. Key: | Text1 ... |

*Site info:*
*When 'site' is selected on site list tree, ENABLE this section.*
*When 'elevator' is selected on site list tree, DISABLE editing on this section.*

**Elevator Information**

| Elevator Name | Text1 | |
| IP Address: | Text1 | ☐ Global |
| Port: | Text1 | ☐ Global |
| Username: | Text1 | ☐ Global |
| Password: | Text1 | ☐ Global |
| Auth. Key: | Text1 ... | ☐ Global |

*Elevator info:*
*When 'site' is selected on site list tree, HIDE this section.*
*When 'elevator' is selected on site list tree, SHOW this this section.*

*Global=copy setting from site info, gray out text box when checked*

| Cancel | Save |

# Manage Remote Site