



... a web service for green community automation
and services management.

myHomeMessenger

Application Programming Interface (API)

(Version 2.2)

By:
R Blackwell



myHomeMessenger API

MyHome Client communications protocol (Messages from Server to Client)

All messages to the Client system from the Service require the customer be Automation Enabled by the myHome Web Service.

1. *General message from Service to Client system:*
 - a. *"MESSAGE,<message text here>\r" Client will display everything between commas. This text field is intended for short messages (i.e. "The Valet has your Car Ready for Pickup" or "Don't Forget Planned Power Outage today at 2:30")*
2. *Specific messages:*
 - a. *"FIRE_ALARM\r" – this message is building dependant and requires hardware*
 - b. *"WEATHER_ALERT\r" – (planned for implementation in Q3-08)*
 - c. *"CONTACT_FRONT_DESK\r" – front desk staff can select user and send this msg.*

This series of Triggers are intended to be used when Home Owner is away from home and connected via the myHomeMessenger web site. However, their very fast response time makes them great for use even when owner is home.

3. *Local system MODE triggers:*
 - a. *"SET_HOME\r" – Set the User is Home (i.e. Lights on & Temperature set)*
 - b. *"SET_AWAY\r" - Set the User is Away*
4. *Local system Lighting triggers: (this will trigger the selected Lighting Scene)*
 - a. *"LIGHTS_SCENE00\r" (off)*
 - b. *"LIGHTS_SCENE01\r"*
 - c. *"LIGHTS_SCENE02\r"*
 - d. *"LIGHTS_SCENE03\r"*
 - e. *"LIGHTS_SCENE04\r"*
5. *Local system user triggers – these are totally custom triggers that can be designated to do anything the home owner requires. Each button can be named on the web site to correspond with the triggered event.*
 - a. *"RUN_USER_CMD_1\r" to "RUN_USER_CMD_20\r"*

myHomeMessenger *"Integrating Green Communities"*

USA – (866) 700.7233

www.MYHOMEMESSENGER.com



MyHome Client communications protocol (Messages from Client to Server)

All messages to server start with the CustomerID (integer field) followed by coma delimiter then the Request Type and a parameter if required. The customer ID must match with ID on record and the Customer must be Automation Enabled on Service or and ERROR message will be returned.

1. *Service Requests:*

- a. "`<CustomerID>,REQUEST_DRYCLEANING\r`"
- b. "`<CustomerID>,REQUEST_MAINTENANCE\r`" – (Note: detailed info on request is scheduled for v2.5)
- c. "`<CustomerID>,REQUEST_CONCIERGE_CALL\r`"

2. *Valet Requests:*

- a. "`<CustomerID>,REQUEST_VALET,CAR1\r`" to "`<CustomerID>,REQUEST_VALET,CAR4\r`" – (note: ver2.5 is scheduled to include Car names sent to Client for display on touch panel)

3. *Reservation Requests:*

- a. "`<CustomerID>,REQUEST_RESERVATION,HH:MM PM MM/DD/YY\r`" - time & date of reservation embedded after "," delimiter. Community Setup on web site designates where this message email will go.

4. *Temperature reports – when enabled this will send the current zone temperature to the server for historical tracking. The web site will also add this as a display in a future version.*

- a. "`<CustomerID>,TEMP_ZONE1,<temperature text>\r`" to "`<CustomerID>,TEMP_ZONE4,<temperature text>\r`"

myHomeMessenger “Integrating Green Communities”

USA – (866) 700.7233

www.MYHOMEMESSENGER.com