
























IG Control System Software Requirements

October 4, 2021





































Created by Paul Ventura

- Software created in ASP.NET C#
- Software needs to run on Linux web server
- Clients will be assessing the software via standard browsers
- The database will be PostgreSQL and will be running on the same Linux computer as the web server
- Source code will be part of the deliverables.
- Before I sign off on the project I will need to be able to compile the source code and run the software in my environment

#	TSTAT Model	Location	ID #	Heat / Cool Mode	Current Temp.	Set Temp.	Fan Mode	Active State	Admin Keypad	User Keypad	
											
											
											
											
											
											
											
											
											
											
											
											
											
											
											
											
											
											
											
											
											
											
											

[STATUS](#)
[SCHEDULE](#)
[CONFIG](#)
[SETUP SCHEDULE](#)
[OVERRIDE](#)
[REGISTER API](#)

[Monday](#)
[Tuesday](#)
[Wednesday](#)
[Thursday](#)
[Friday](#)
[Friday](#)
[Saturday](#)
[Sunday](#)

Location	ID #	Time	Set Temp.	H/C Mode	Time	Set Temp.	H/C Mode	Time	Set Temp.	H/C Mode	Time	Set Temp.	H/C Mode	Time	Set Temp.	H/C Mode	Alarm Temp.	
		Combo B 		Comb 	Combo B 		Comb 	Combo B 		Comb 	Combo B 		Comb 	Combo B 		Comb 	Cor 	
																		
																		
																		
																		
																		
																		
																		
																		
																		
																		
																		
																		
																		
																		
																		
																		
																		
																		
																		
																		
																		
																		
																		



STATUS SCHEDULE CONFIG **SETUP SCHEDULE** OVERRIDE REGISTER API

ZONES

- ☒ Location 1
- ☒ Location 2
- ☒ Location 3
- ☒ Location 4
- ☒ Location 5
- ☒ Location 6
- ☒ Location 7
- ☒ Location 8
- ☒ Location 9
- ☒ Location 10
- ☒ Location 11
- ☒ Location 12
- ☒ Location 13
- ☒ Location 14

SELECT ALL

CLEAR ALL

SCHEDULES

Time 1 Set Temp. H/C Mode
Combo B Combo B

Time 1 Set Temp. H/C Mode
Combo B Combo B

Time 1 Set Temp. H/C Mode
Combo B Combo B

Time 1 Set Temp. H/C Mode
Combo B Combo B

Time 1 Set Temp. H/C Mode
Combo B Combo B

Alarm Armed Temp.

WEEKDAYS

- ☒ Monday
- ☒ Tuesday
- ☒ Wednesday
- ☒ Thursday
- ☒ Friday
- ☒ Saturday
- ☒ Sunday

EDIT LOCATION

Location

EDIT

ADD

SAVE

CLOSE

IronGate TSTAT Control System

DEVICE CONFIGURATION

STATUS

SCHEDULE

CONFIG

SETUP SCHEDULE

OVERRIDE

REGISTER API

Device Information

Location / Zone

Device ID#

Gateway IP

Device Number of Stages

Heating

Cooling

Keypad Lock

Admin

Users

Temperature Limits

MAX

MIN

Deadband Settings (Degrees)

Heating

Cooling

Temp Increments

Setpoint Increment

Powerup Setpoint

Rounding Display

Short Cycle Delay

Total Cycle Delay

IronGate TSTAT Control System

OVERRIDE SCREEN

STATUS

SCHEDULE

CONFIG

SETUP SCHEDULE

OVERRIDE

REGISTER API

OVERRIDE LOCATION

Location

Set Temp.

Duration

Combo Box

H/C Mode

Combo Box

SAVE

CLOSE