Module	Features	Update/Get DomoticZ data via	Send/Get data TO/FROM MODULE	Send/Get data VIA	Technical POI
DomoticZ	Database/Display panel				
iot_ESP8266_GM43.ino	Lighting management. Lighting can be switched on/off from legacy pushbuttons or Domoticz. If lighting is switched on/off using the pushbuttons, an MQTT message is sent to DomoticZ.	Update -- > MQTT[domoticz/in] Get <-- MQTT[domoticz/out]	NO		
iot_ESP8266_DHT22.ino	Temperature sensor using DHT22. Answer to HTTP JSON requests.	NO	NO		
iot_ESP8266.js	Polls the temperature sensors and log the values within Domoticz database. Compute and log degrees-days. Monitor the temperature sensors and Raise failure flag if sensors don't answer to requests.	Update -- > JSON_API	iot_ESP8266_DHT22.ino	Get <-- HTPP	
iot_ESP8266_ACS712.ino	Read ACS712 sensors. Send via MQTT its heater power usage (computed energy usage and ESP8266/ADC raw values). Start/stop its heater according to commands received from MQTT. Self Learning of its heater Nominal Power.	Update --> MQTT[domoticz/in] Get <-- MQTT[domoticz/out]	iot_Heaters.js	Send --> MQTT[heating/in] Get <-- MQTT[heating/out]	
iot_ACS712.js	Consolidate individual heater consumptions. CalculatesThermal loss and Heating/Cooling Ratios	Update -- > JSON_API	NO		
iot_Heaters.js	Manage Heating zones (start/stop) : schedule defined in DomoticZ and start/stop commands sent by this program to heating/out. Log heaters nominal power (listen heaters consumption log messages at domoticz/in and heating/in). Monitor the heaters and raise failure flag if one of them die (listen MQTT will messages at domoticz/in).	Update --> JSON_API Get <--MQTT[domoticz/out]	iot_ESP8266_ACS712.ino	Get <- MQTT[heating/in] Get <- MQTT[domoticz/in] Send -- > MQTT[heating/out]	
iot_CVQ6081-ARM.cpp	Alarm server. Interfaces the CVQ6081 alarm PCB	NO	NO	Send/Get <--> PUBNUB[AlarmUserCommands]	
iot_CVQ6081.js	Allow to use DomoticZ Security Panel to arm/disarm the alarm. Monitor the alarm server and raise failure flag if alarm server doesnt answer correctly.	Update/Get --> JSON_API	iot_CVQ6081-ARM.cpp	Send/Get <--> PUBNUB[AlarmUserCommands]	
MainActivity.java AlarmCommandPanel.java PubnubKeys.java	Legacy Android app to arm/disarm Alarm and set configuration options	NO	iot_CVQ6081-ARM.cpp	Send/Get <--> PUBNUB[AlarmUserCommands]	