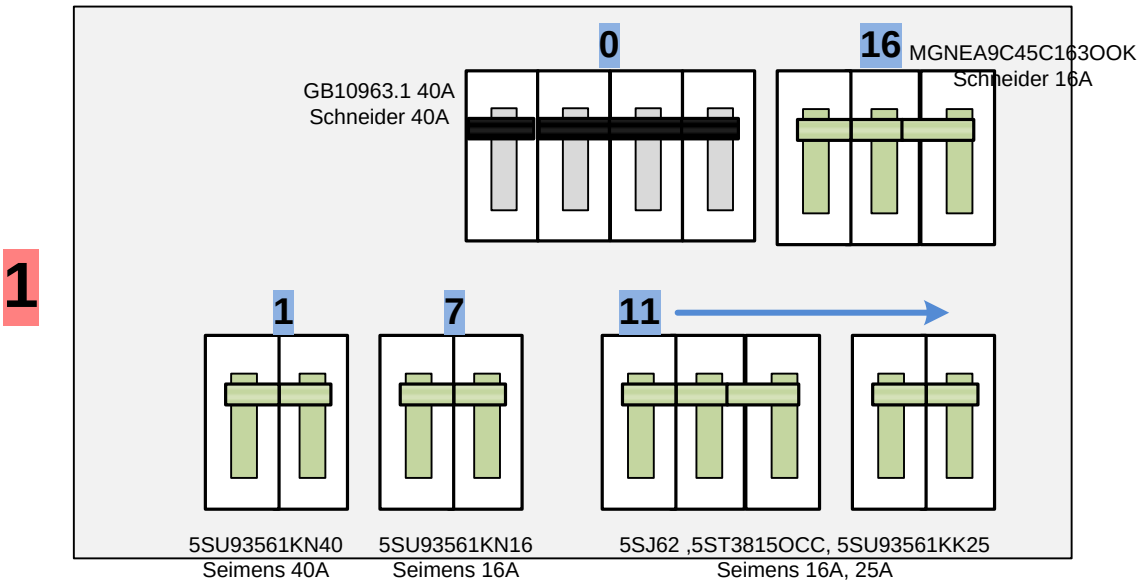
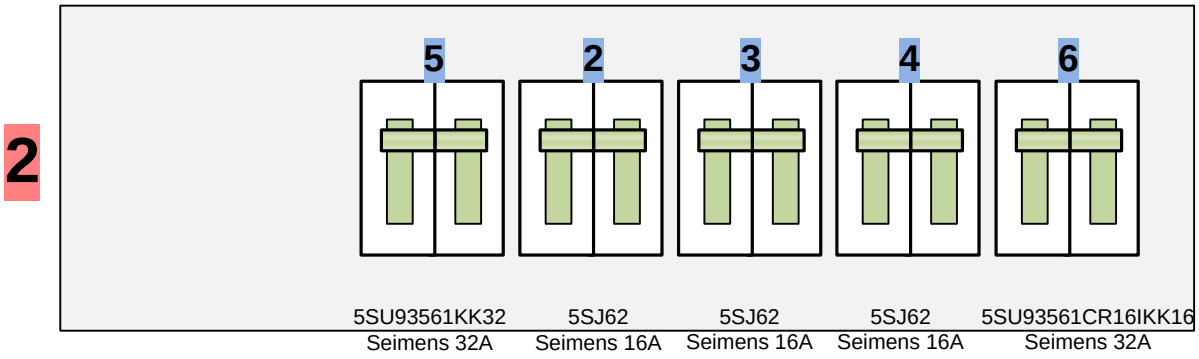
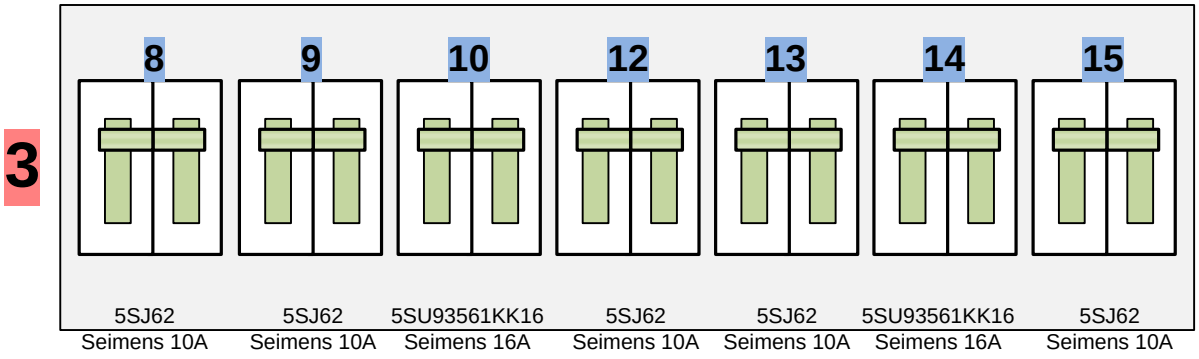
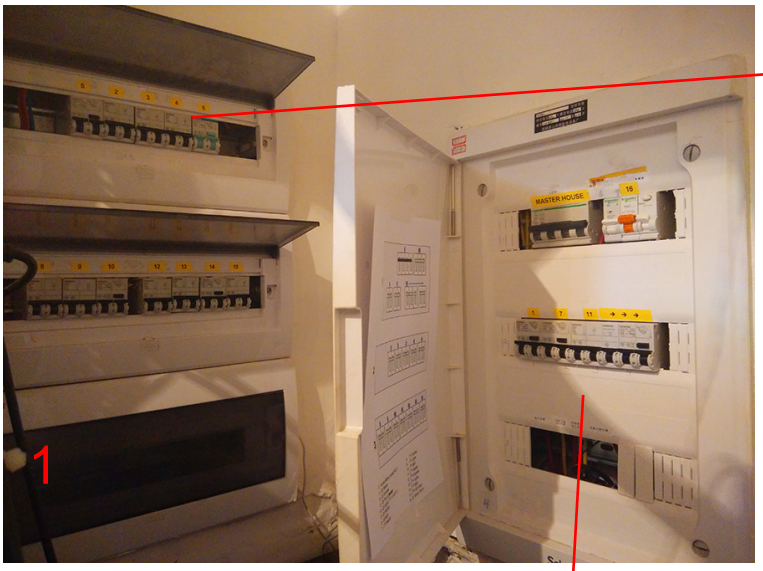
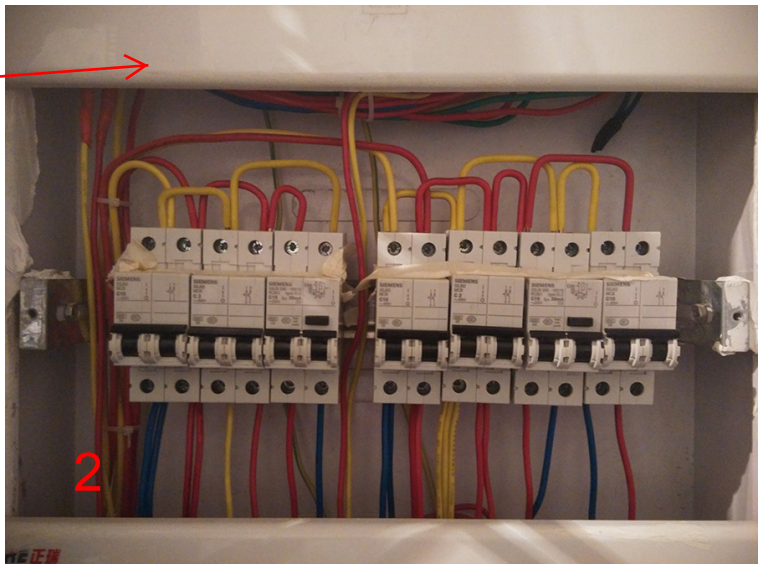


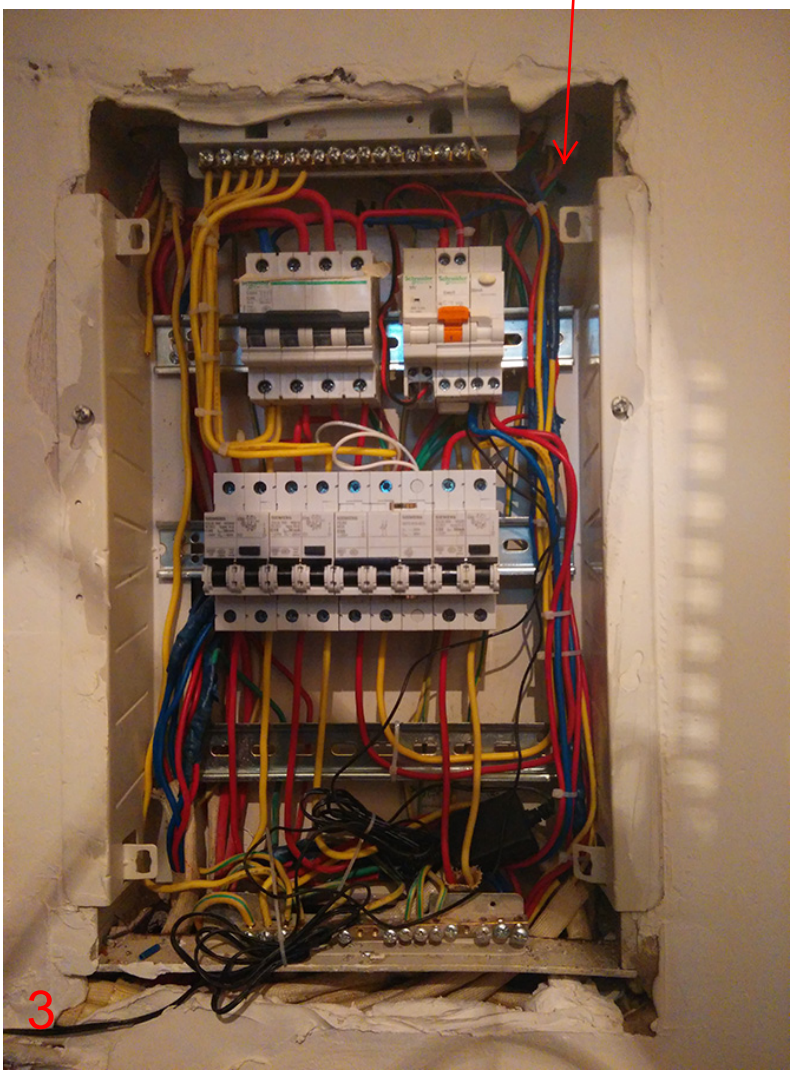


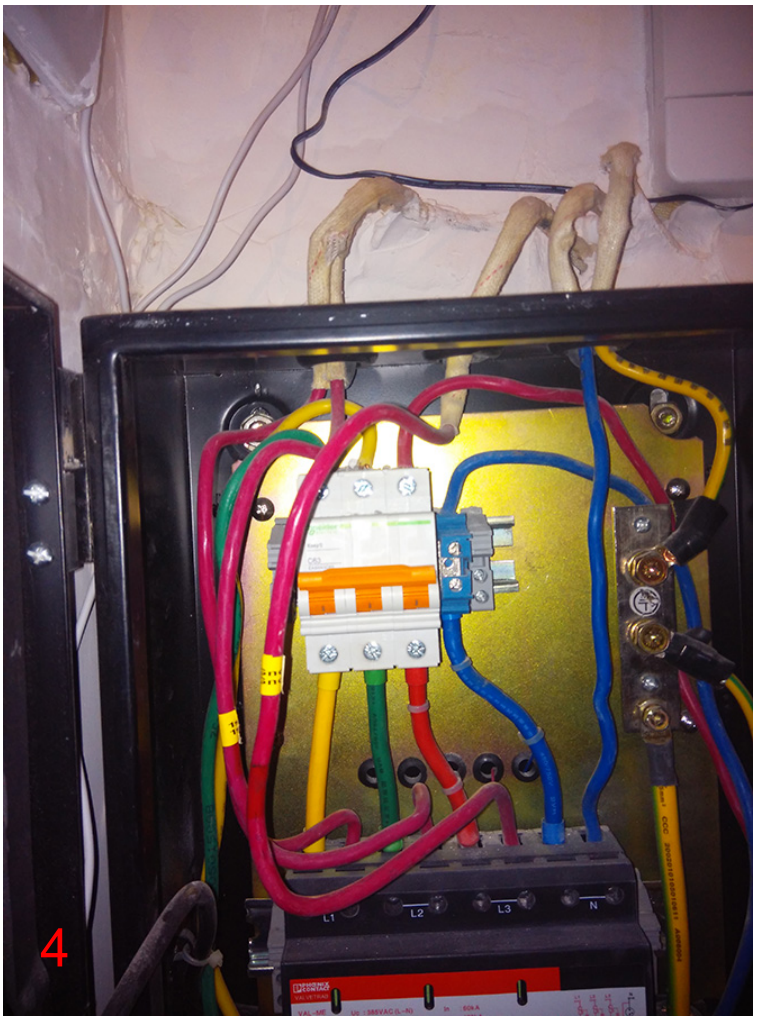


0.- House Mains (except NO1)
1.- GF Master
2.- GF Sockets
3.- GF Proj & Screen
4.- GF Lights
5.- GF Kitchen
6.- GF Bath
7.- 1st F Master
8.- 1st F Sockets
9.- 1st F Lights
10.- 1st F Bath
11.- 2nd F Master
12.- 2nd F Sockets
13.- 2nd F Lights
14.- 2nd F Bath
15.- 2nd F H20 Heat
16.- GF Server Room









PIC #1- My breaker panels
PIC #2-Inside the small sub panel
PIC #3-Inside the main panel
PIC #4-Inside the lightning arrestor panel

1st page lists circuits and breaker info
Main panel sticker says 380v 40amps

My house is located in China. Service is 3 Phase (I think) 220v 50hz. I built it fully automated using Vera 3 as a primary controller. It has all systems for full automated control;Security, cameras, lighting, appliances, windows, whole house audio and video. As you can tell, I am living on another planet here when it comes to sensible wiring practices. They don't even use ground wires on their A/C. Also only 2 wires run (no ground). I had my house done using 3 wires like found in the US. So everything in this house is 3 wire to all sockets, switches, etc. and grounded. All power initially comes into the house via PIC #4 which is my whole house lightning/surge protector. Out of the top it then hits my breaker panels.You are actually looking at "state of the art" wiring here. You should have seen it after they first finished it! But this is what I am left to work with (so stop laughing).

I want to add your GEM and will travel to the US in a few weeks to bring one back for my house. So at this point I would like to have you recommend the proper kit package for me. I want to monitor every circuit in the house. Later I will also look at a few pulse senors for water and gas. But for now I want to install the electric bit.

I thought it important to contact you now before I leave to be sure I can give you all the info you need to get me the correct items for my setup. For instance the CT's I need. Also I need the correct current transformers for 220/50hz.

I want to monitor each phase as a whole, then each individual breaker circuit. I can connect the GEM via direct ethernet into my switched network. I would also like to interface it to my Vera directly via the z-wave wireless, or however you suggest. I think your package offers a wifi/ethernet comm module. Is this the right one I need? Anyway, I really need your advice on all this because I want to get it right the first time.

PIC #2- I noticed where they have 2 or 3 wires connected to 1 breaker. I think after this job was finished, I have them do it againand in this process they had to do this to seperate the original circuits around the house so they went through the right breaker switch. I am just guessing, perhaos it makes more sense to you.

As a sidenote, I have a new company here in China for designing Smart Homes. It is getting a lot of attention so I expect to be building more soon. I am working on 2 new villas now in Kunming. Part of my designs will include your product as well in each build. This first one is for my show home already up and running.

Your help with this is most appreciated. Jack Hendler email buckchucko@gmail.com