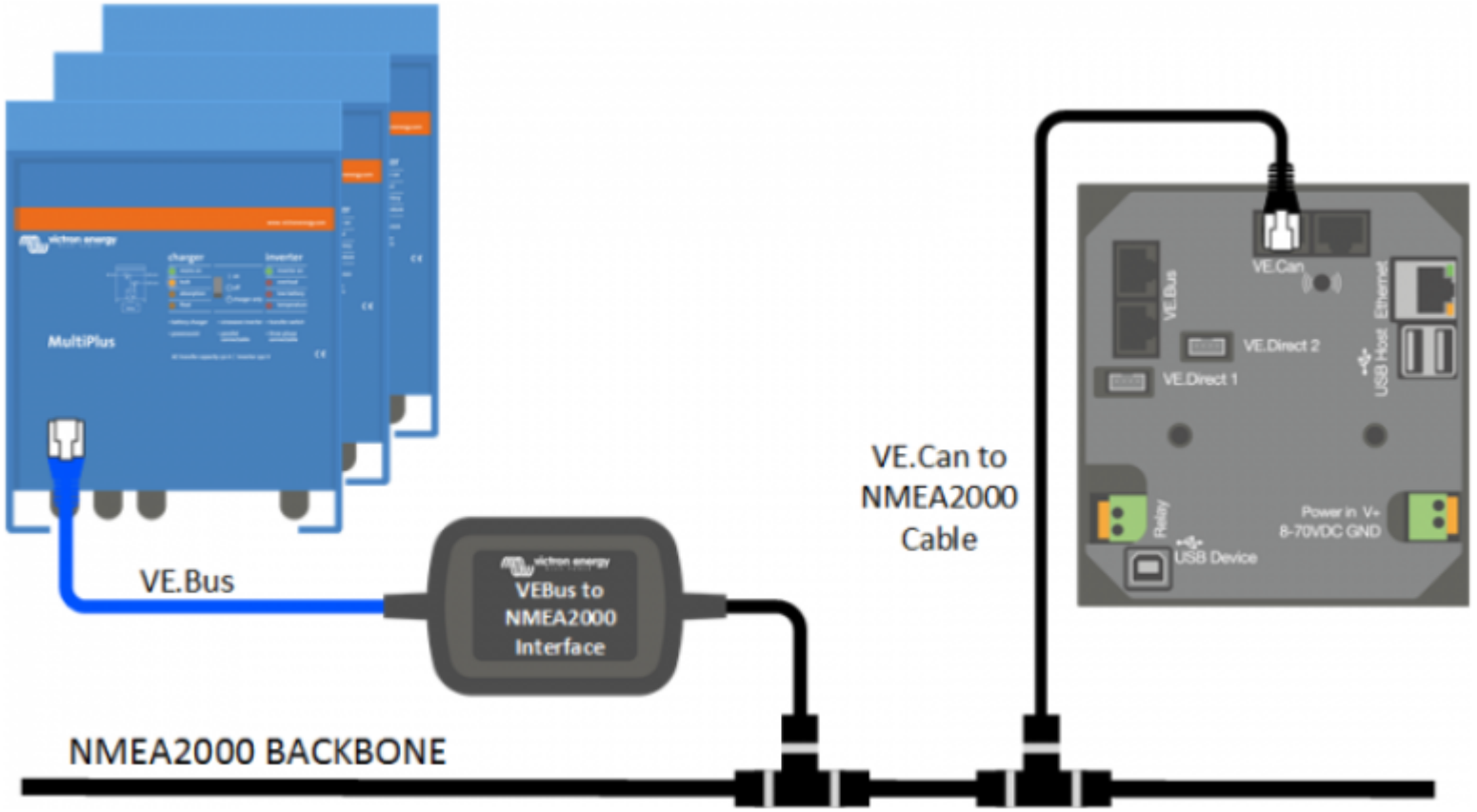
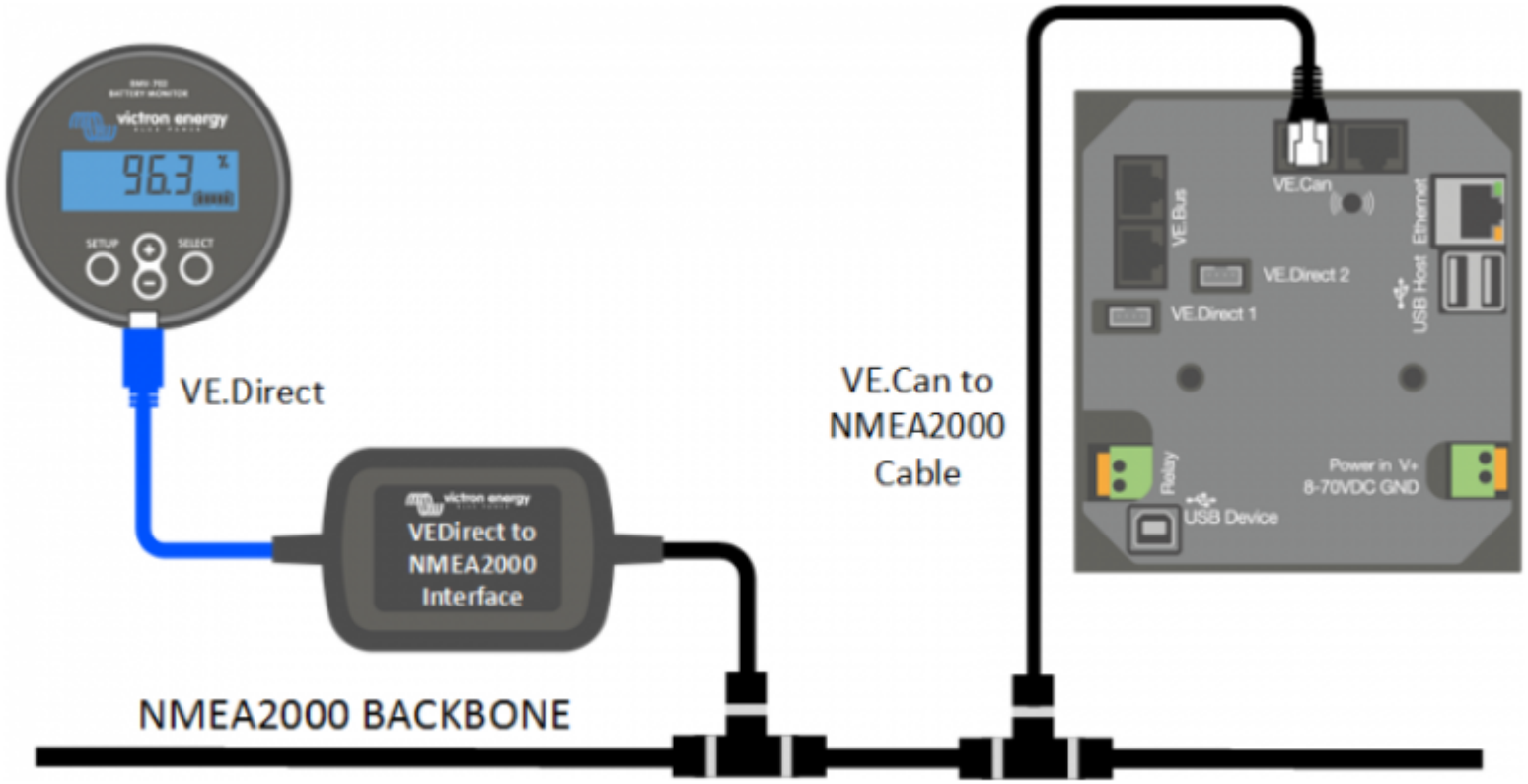
Marine Mallorca 2018
Integración

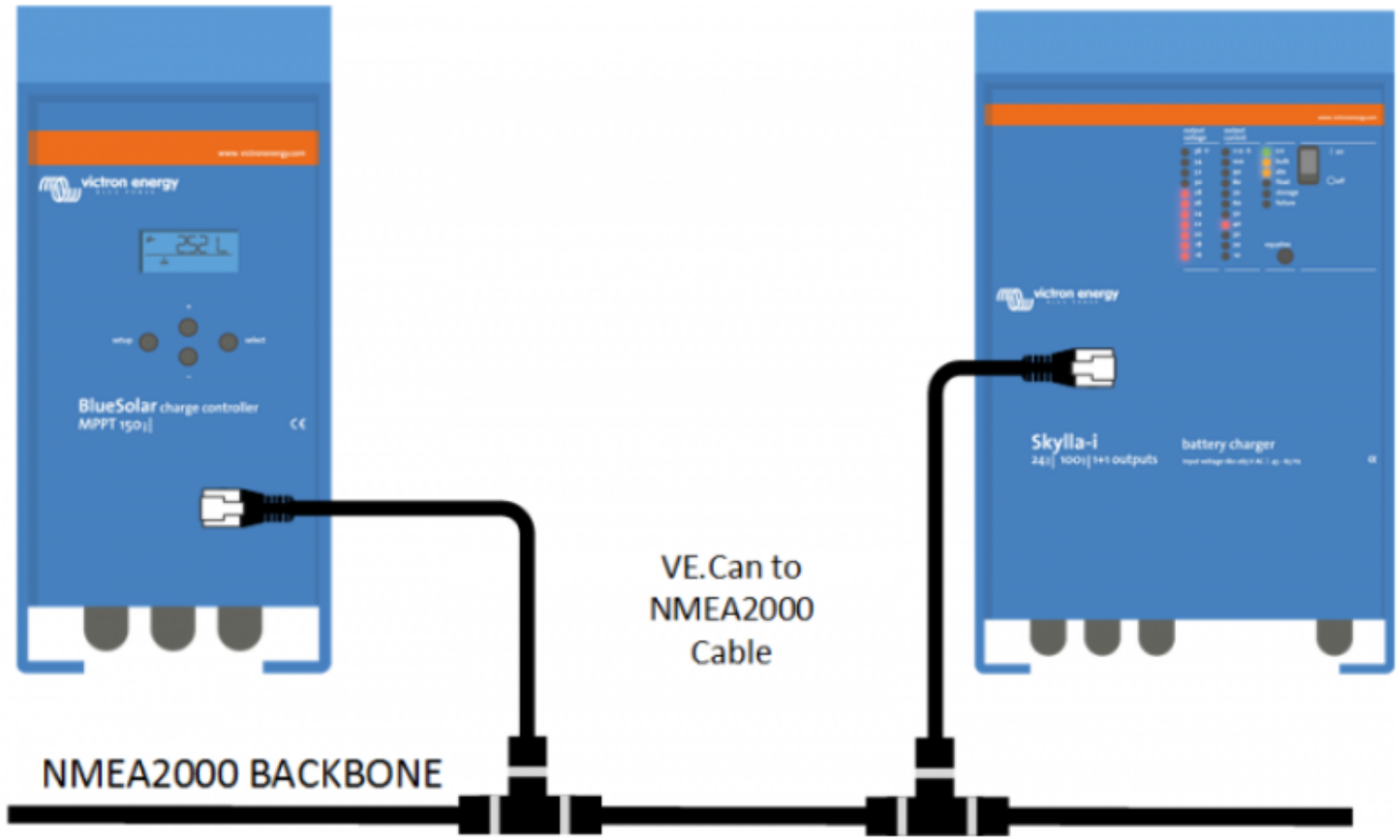
NEMA2000 - N2K con VE.Bus y VE.Can



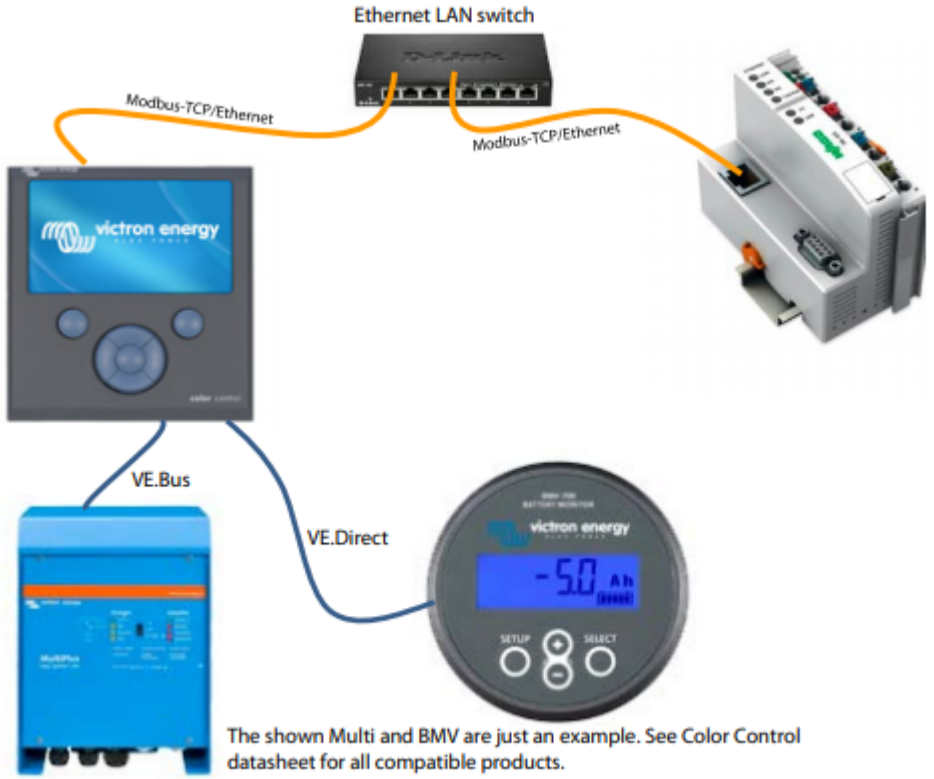
NEMA2000 - N2K con VE.Direct y VE.Can



NEMA2000 - N2K con VE.Can

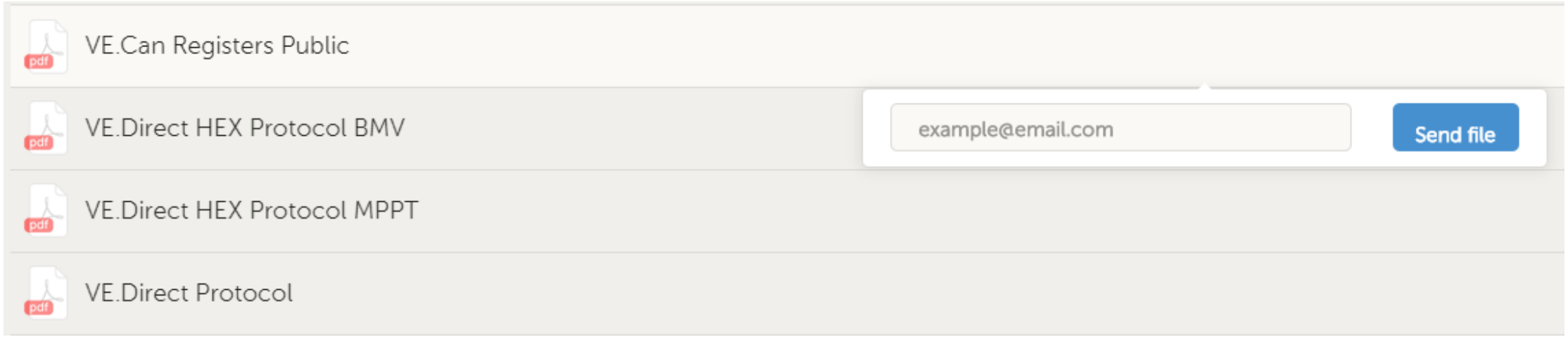


Modbus-TCP



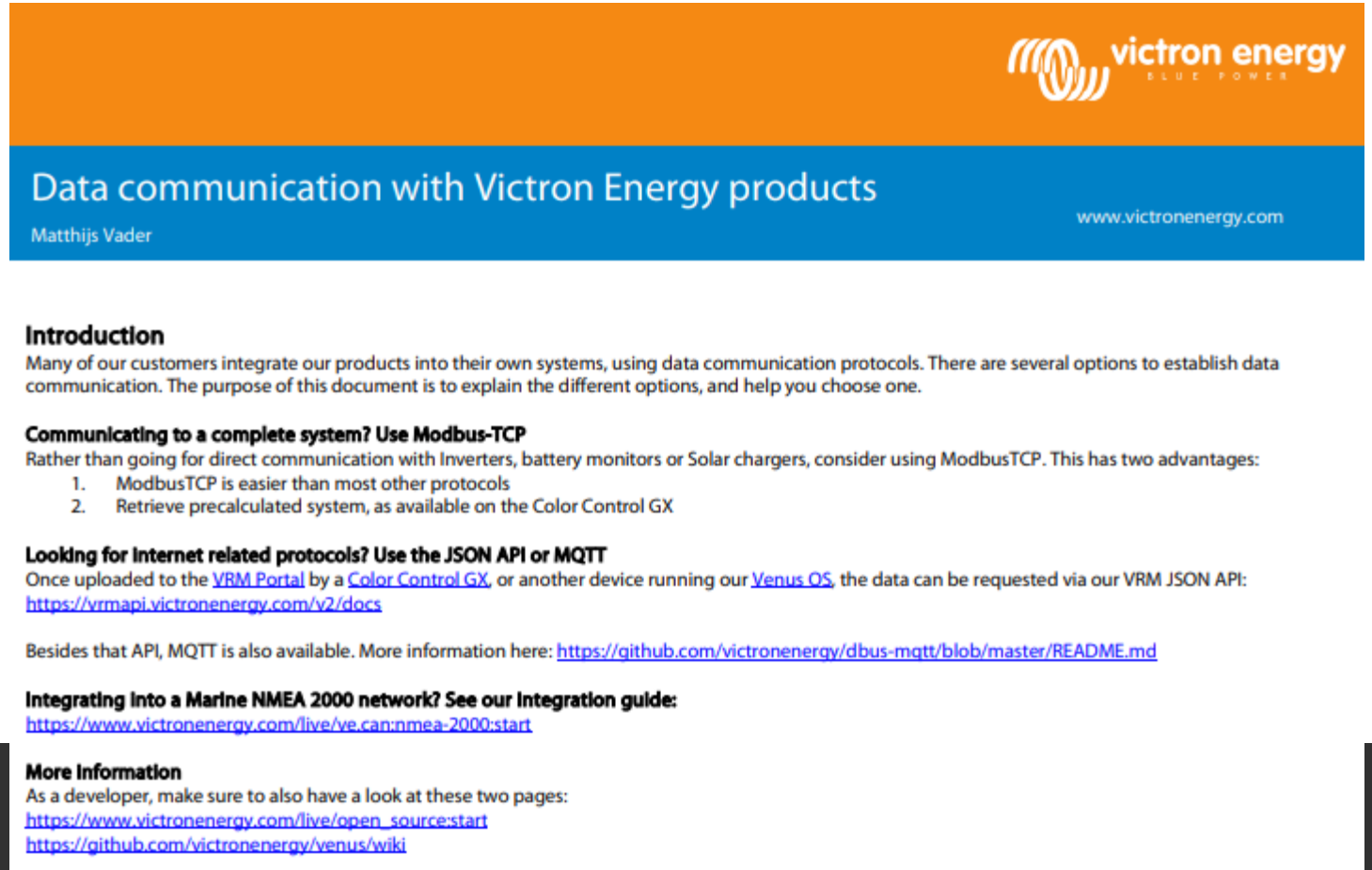
The shown Multi and BMV are just an example. See Color Control datasheet for all compatible products.

Descargar documentacion…..hay que registrar



Data comunicación con productos de Victron Energy

https://www.victronenergy.com/upload/documents/Whitepaper-Data-communication-with-Victron-Energy-products_EN.pdf



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Data communication with Victron Energy products

Matthijs Vader

www.victronenergy.com

Introduction

Many of our customers integrate our products into their own systems, using data communication protocols. There are several options to establish data communication. The purpose of this document is to explain the different options, and help you choose one.

Communicating to a complete system? Use Modbus-TCP

Rather than going for direct communication with Inverters, battery monitors or Solar chargers, consider using ModbusTCP. This has two advantages:

1. ModbusTCP is easier than most other protocols
2. Retrieve precalculated system, as available on the Color Control GX

Looking for internet related protocols? Use the JSON API or MQTT

Once uploaded to the VRM Portal by a Color Control GX, or another device running our Venus OS, the data can be requested via our VRM JSON API:
https://vrmapi.victronenergy.com/v2/docs

Besides that API, MQTT is also available. More information here: https://github.com/victronenergy/dbus-mqtt/blob/master/README.md

Integrating into a Marine NMEA 2000 network? See our integration guide:

https://www.victronenergy.com/live/ve.can:nmea-2000:start

More information

As a developer, make sure to also have a look at these two pages:
https://www.victronenergy.com/live/open_source:start
https://github.com/victronenergy/venus/wiki

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