



**OVERVIEW**

EasyIO Remote Access from YellowSnow (YS) – it is a software plugin for EasyIO controller which lets you access to controllers remotely by simply activating VPN tunnel from YS cloud dashboard and disable when you don't need it.

- OpenVPN tunnel activation through secure MQTTS
- FQDN with TLS for secure access using web browser (ex. <https://yoursite.yellowsnow.dev>)
- Secure remote programming with CPT tools over internet
- Personal virtual device cloud with dedicated VPN subnets and MQTT brokers
- Secure MQTT broker (server) for your data exchange between controllers

**Increase your BMS project security with YS:**

- YS Remote Access works with dynamic IPs and devices behind NAT pools (typically mobile internet)
- no port-forwarding is needed
- activate remote access on demand
- YS use only secure & encrypted connection
- YS provide FQDN and VPN certificates automatically for every controller
- No need to involve IT department

**Value for integrators:**

- deploy and setup time in few minutes
- no extra VPN boxes or USB keys. YS Remote Access runs inside controller
- expand your BMS to YS cloud analytics with tag based databases via encrypted MQTTS
- end-user's site and data is private and secure

**REQUIREMENTS FOR CONTROLLERS**

Model	EasyIO FS32, FS20
Firmware	From V3.0b50

**YS VPN SERVER**

OpenVPN	TLS 1.2
	AES-256-CBC
	SHA-256

**YS MQTT BROKER**

Mosquitto	MQTTS (ISO/IEC PRF 20922)
	TLS 1.2
	MQTT 3.1, 3.1.1, 5.0