How to revive a gateway – Factory REBOOT and setup.

Symptom: Gateway power up, power light turns on, signal lights are off, XBEE lights are off. Gateway cannot be discovered by “Device Discovery” program using either direct connect to PC with crossover cable or connect to LAN network. Reset to default (hold reset button for 30 seconds with gateway powered off) did not revive the gateway.

Solution:

1. Unplug power from gateway.
2. While gateway is powered off, press and hold reset button for 10 seconds.
3. While holding the reset button, power the gateway back on.

Result:

Gateway is discovered by “Device Discovery” with default IP address 192.168.1.1.
We can access Configuration page.

Gateway retains its original name and settings.
It retains original FW of gateway.

Its Identity settings and date/time settings are at default.
Its network and mobile (if cellular gateway) settings are at default.
Setting update required before disconnecting the gateway and moving it to LAN.

1. Disable “Enable IP routing (forwarding)” setting.

2. Change Ethernet settings to “Obtain IP address automatically” and set to “Enable autoIP address assignment”.