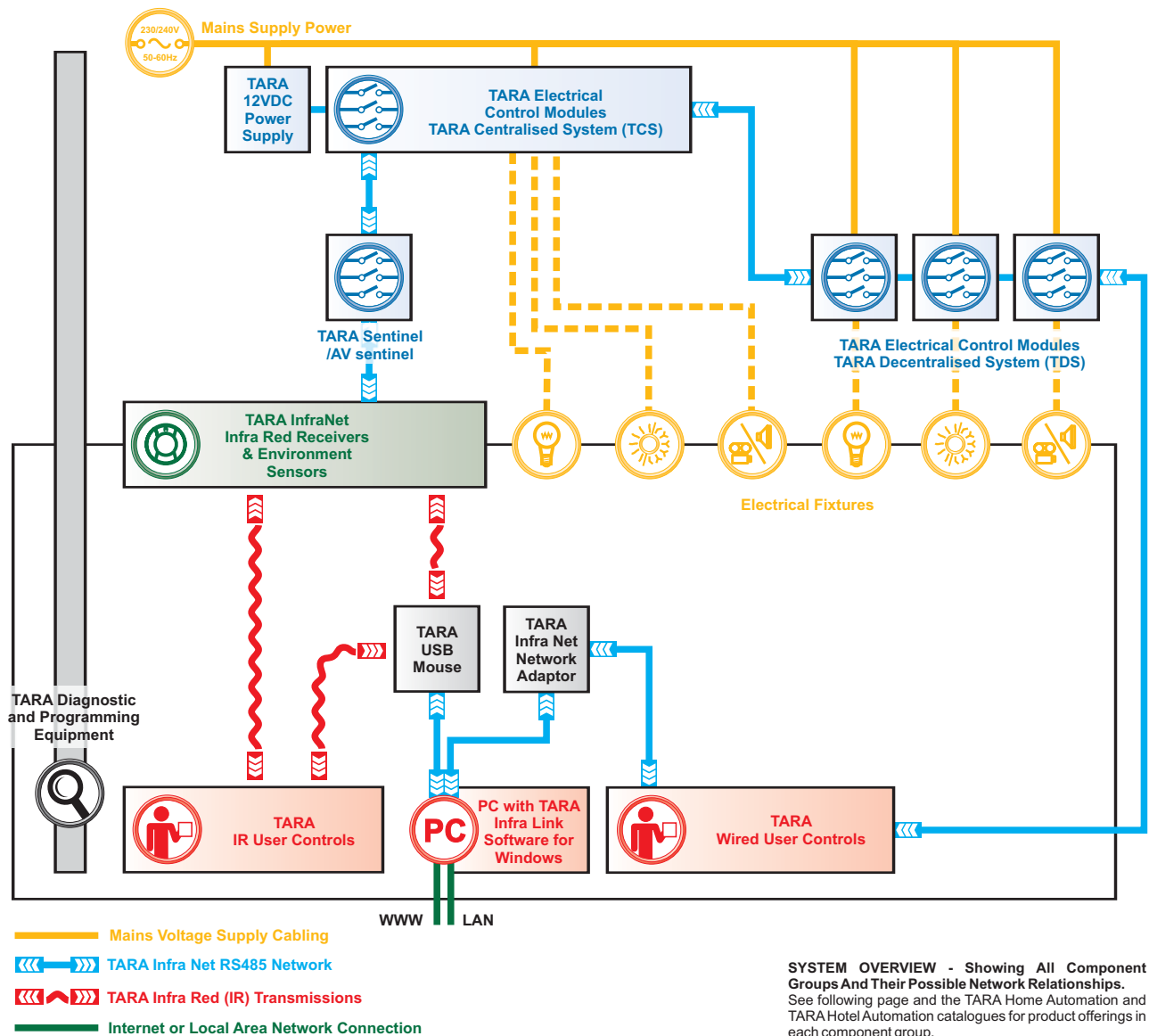


SYSTEM OVERVIEW



The TARA InfraNet

The TARA automation system is structured around a RS485 Cat5 network - the TARA InfraNet. Each Electrical Control Device, Infra Red Receiver and Environment Sensor is connected in series on the TARA InfraNet.

At the user level TARA IR switches, control panels and even PCs can be used to communicate with the InfraNet via CableFree infra red signals. (Wired versions of these devices can also be connected directly to the TARA InfraNet.)

These two levels of the TARA automation system together, control the functions of the electrical fixtures connected to the system.

TARA Infranet networks can also be connected to the internet or a local area network allowing secure control of the automation system from remote locations.

TARA TCS and TDS

TARA offers two network substructures to suit a variety of applications - The TCS and TDS (TARA Centralised System and TARA Decentralised System).

When used in combination with a structured plan the TARA TDS approach simplifies cable routing. Electrical control modules are fitted close to the electrical fixtures they control through out the installation.

The TARA TCS incorporates DIN rail mounted electrical control devices fitted to a centrally located electrical distribution box. This approach has advantages for commissioning, diagnostic, upgrades and maintenance.

In an optimised installation the benefits of both approaches might be leveraged by employing a combination of both TCS and TDS equipment.