

# Tauranga City Dental

 **LexCom** Home Network  
Connect and go.

**Tauranga's City Dental recently underwent a complete facelift in order to bring customers the latest in dental technology. As a specialist in his field, owner Kevin Wong wanted a modern finish in his Dental Surgery that would match his modern approach to dental technology.**

Kevin teamed up with Roger Garforth of Electrical and Security Services, and Paul Wilson of Empowered Solutions, in order to come up with the right solution for the City Dental building.

Roger and Paul suggested that PDL's Modena 800 Series™ range of switchgear would be the best option to allow Kevin the flexibility to integrate various dental specific equipment into the Modena plates, but still keep the high-class look that Modena provides.

Some of the non-PDL equipment that was integrated into the Modena plates included Sonos Audio System volume controls, compressed air outlets and X-ray machine controls.



The isolators for the X-ray machine, surgery chairs and microscopes were also specially engraved for ease of identification.

City Dental currently has five surgery rooms operating in the building. Each surgery contains 19 double Modena Sockets, catering for every possible power requirement situation in the surgery. In total, 132 double sockets were used in the installation, and the selected white modules with platinum surrounds give the City Dental rooms a clean, sophisticated look that fits in perfectly with the surrounding décor.



From left to right: Kelvin Hart of Schneider Electric, Paul Wilson of Empowered Solutions and Roger Garforth of Electrical & Security Services



In addition to the power outlets, the 100MPIR (plate mounted indoor sensor module) sensors have been used in the toilet and bathroom areas to control automatic switching of lighting and ventilation.

In keeping with Kevin's high-tech specification, Roger and Paul chose to use the PDL LexCom Home Network system to handle the data requirements of the surgery. Each surgery contains 11 LexCom outlets, giving voice, data and imaging capability throughout. SKY TV and DVD signals are sent via a LexCom modulator to each of the eight TVs in the building. The LexCom system also handles the distribution of X-ray data between the various computer systems. In total, there are over 120 LexCom outlets in the City Dental site. Kevin wanted to plan ahead, and as a result had outlets located next to the dental chairs. This has already proved useful as Kevin now has the ability to have a video monitor at each chair that will allow the patient to either watch TV, or view their procedure taking place.

In addition to the PDL product, a Zelio Smart Relay, SR3B101FU, has also been used to control signage and exterior lighting for different periods. The contractors found the Zelio Smart relay very cost-effective, due to its ability to have multiple timing options in one unit.

Kevin Wong is very happy with the smooth lines and modern look Modena and LexCom have given his practice. Staff members and patients alike have also been impressed with the "new look" City Dental in Tauranga.

For more information on the LexCom Home Network System or the Modena 800 range, please contact Customer Care on 0800 652 999.

