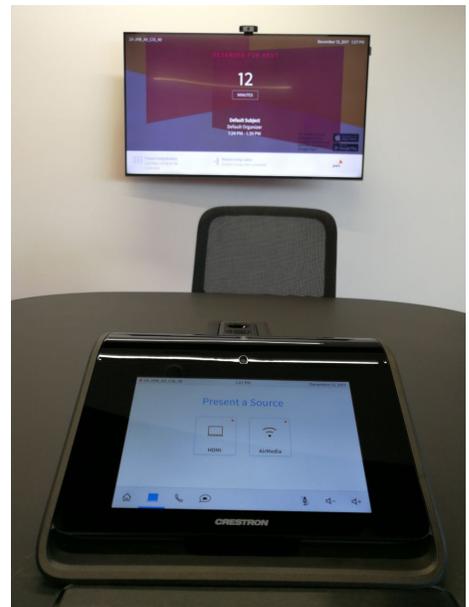




PwC Waterfall Tower

INTRODUCTION

Professional services firm PwC has a huge presence in South Africa, with over 4,800 employees and 23 offices throughout the country. When relocating to a new, 26-floor headquarters, known as PwC Tower, in South Africa's trendy Waterfall City, it wanted a comprehensive smart workspace solution to deliver maximum productivity and support employees into the future. The technology needed to increase efficiency and reflect the forward-thinking reputation of this global company, which is why integration and collaboration expert Omega Digital proposed Crestron as the ideal partner for this vast project.



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Michael Kellaway,
*Sales and Marketing Director,
Omega Digital.*

THE CHALLENGE

To create a smart workspace to drive business and increase efficiency, connecting PwC employees and customers via a network of collaboration technologies.

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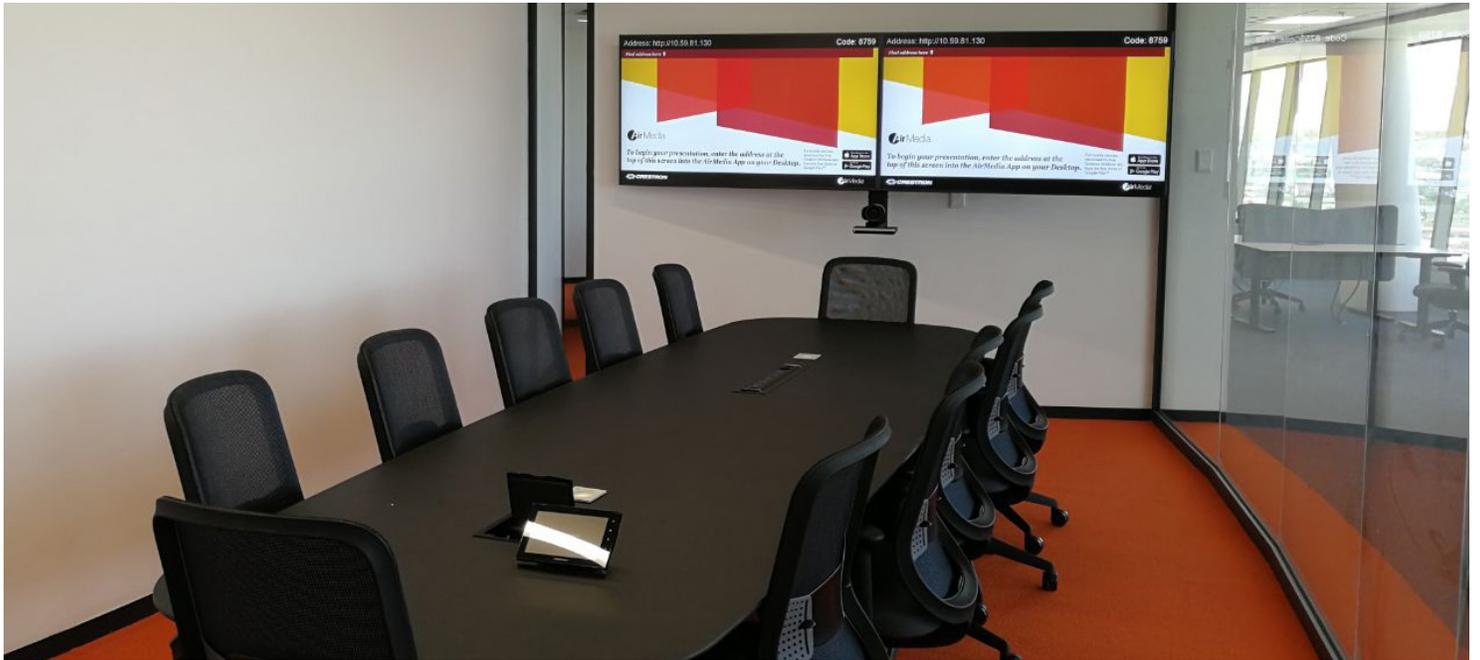
Grant Kemp,
Senior Manager,
PwC.



THE SOLUTION

Crestron intelligent work space technology, including new Crestron Mercury™ collaboration and conferencing solutions, were integrated to simplify connectivity, provide a secure network and ensure the system is easy and enjoyable for employees to use.





Omega Digital expertly integrated a suite of Crestron solutions to manage the audio visual (AV), video conferencing (VC), room booking and digital signage throughout PwC's impressive new building. This complex integration included 155 meeting rooms and a 17-room training facility, with connected technologies controlled through Crestron DigitalMedia™ 32x32 Matrix Switchers installed on each floor.

"The need to make the world smaller using video conferencing and collaboration platforms was integral to our firm's vision of our new office as well as the rest of Africa. This was where the combination of Omega and Crestron became extremely important." Grant Kemp, Senior Manager at PwC.

Intelligent Collaboration

The 155 meeting rooms within PwC Tower comprise of a combination of small and medium sized AV and VC

rooms. Each room is powered by Crestron's AirMedia® to provide easy-to-use, fast and secure wireless connectivity. Participants can sit or stand anywhere in the meeting space and easily connect their laptop or smart device to the main display, providing seamless switching between presenters. Cabled connectivity is also available via Crestron FlipTops™, mounted into the meeting room tables. Crestron FlipTops provide a highly configurable and well-organised connectivity solution with versatile combinations of pull-out cables, cable retractors, connector panels, and AC power outlets.

Switching between sources is seamless thanks to Crestron's centralised DM Matrix switchers which works in sync with Crestron's HD-MD-400 to manage the instant scaling of files, documents, images, and videos to ensure the best possible quality display and high-definition presentations.



Multiple rooms are also equipped with Crestron Mercury, for easy collaboration and crystal-clear conference calling. It's the only AV and VC all-in-one table top solution that supports any web collaboration application, including Microsoft Teams and Skype® for Business, enabling people to work together regardless of location or preferred application.

To provide high quality audio throughout the office Crestron's in-ceiling amplifiers have been paired with Crestron's Excite® ceiling speakers, for exceptional sound across multiple rooms. This discreet solution is ideal for delivering great audio to the abundance of rooms at PwC.

All meeting rooms are managed centrally via Crestron Fusion®, a monitoring and scheduling software that adds a layer of intelligence for seamless room management. Crestron Fusion allows employees to book rooms and verify room availability, giving complete visibility of room status at any time and preventing people from occupying rooms they

haven't booked. There is also a 'check-in' function allowing better analytics of meeting attendance and to allow rooms to be made available should participants not arrive for their meeting slot.

Outside each meeting room a Crestron 7" TSS-752-B-S touch screen connects to the Crestron Fusion platform, integrated into a third-party scheduling application allowing users to book rooms with ease. The touch screen is programmed with a standard Crestron interface that has been visually customised for PwC, making it easy for everyone to use – from managing director to visitor. Users can instantly check the status of the room or adjust the rooms settings, such as temperature and lighting.

Michael Kellaway, Sales and Marketing Director of Omega Digital comments "All of our rooms are Crestron Certified Design, so we have even more confidence in the system to work every single time. The monitoring and control of the upgraded meeting spaces comes from the Crestron Fusion platform for a simple and easy to use solution. PwC will



have many different members of staff using the equipment and they need to be able to go straight up to one of the Crestron touch screens and know how to use it. Therefore, the standardised interfaces are so important to us. The adaptable and flexible nature of the Crestron technology made the entire process far easier and the complications much simpler to overcome.”

Intuitive Control for maximum efficiency

Each intelligent room has been programmed to activate into a pre-set state when a meeting organiser checks into the room via the external touch panel. The room automatically switches on the lights, wakes up the monitors and activates the AV/VC. Once the meeting is over, the room shuts down by switching the lights off and turning the technologies to stand-by mode, saving energy and costs. Stand-by is activated based on two criteria; the first is a motion sensor that monitors the room for detected activity and the second is triggered by the calendar if the room isn't booked for use

within the next ten minutes.

This smart and comprehensive Crestron integration has helped to make PwC's vast modern workplace operate smoothly, simplifying the way that employees undertake meetings and saving them time by delivering user-friendly solutions that don't require a panic call to IT. This world-class connected office is a leading example of how to drive productivity in the future workplace, and consequently earned Omega Digital a coveted Crestron Integration Award in 2018 for Best Corporate Application.