



## THE COPPER CLOCK

ON YOUR PREMISES, mitigate intruder and fire threats, while remaining connected internally and online.

ON YOUR NETWORK, get connected with powerful, fast WiFi in targeted coverage areas.

AT POINT-OF-SALE, engage with customers in-store in real time on their mobile devices.

**Online and on-site  
connection for a  
secure, always-on  
business.**

## THE COPPER CLOCK

Get connected. Stay connected.

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# Secure, connected **PREMISES**

Every business with a physical building must control access to the premises and be notified of intruders to keep employees, visitors, and data secure. Once safely in the building, people need network access to communicate with colleagues and clients and access data securely, all while remaining protected from fire or gas-related building damage.

The Copper Clock offers the management of electronic systems integration as a service, as well as a once-off project-based design and implementation roll-out of any combination of the electronic systems we work with. We use the highest quality products and suppliers to build your systems.



Electronic systems are intelligently integrated and managed as a service.



Service-based management frees up essential resources for your business.



Maximises the latest technology for a centrally managed and connected smart building.

A managed service  
by industry  
experts.



# What do we OFFER?

1

## ACCESS CONTROL

Regulate who has access to your premises and when, with allocation to specific areas.

- Intercom Systems
- Biometric Access Systems
- Vehicle Barriers
- Turnstiles and Speedstiles



2

## AUDIO-VISUAL & UNIFIED COMMS

Communicate seamlessly with colleagues and clients with voice, video, and messaging on any device, and with one set of contact details.

- Mobile & Desktop App
- Omni Video Camera & Speaker
- Video & Audio Conferencing
- Securely Encrypted
- Cloud-based
- Single Point Of Contact



3

## CCTV SURVEILLANCE

Smart surveillance of the building and key access points, centrally managed from a remote location and with intelligent reporting and alert tools for maximum building safety.

- Visitor & Parking Management
- Control Room Hardware & Software
- Management & Reporting Tools
- CCTV Cameras
- Facial Recognition



4

## FIRE, GAS & EVAC SYSTEMS

Fully automated and responsive fire & smoke detection systems with extinguishers and signage, including a pre-programmed alarm and voice evacuation system to guide occupants to safety.

- Smoke Detection
- Fire Extinguishers
- Fire Signage & Telephones
- Fire Suppression
- Voice Evacuation System
- PA System & Background Music



5

## NETWORKS & CONNECTIVITY

Design, installation and management of the hardware and software resources that enable network connectivity, communication, operations and management of enterprise networks.

- Structured Cabling
- Wireless (Internet) Networks
- Telephone Networks



# Get and stay **CONNECTED**

Internet access has become a fundamental infrastructure requirement for all public, retail, and educational spaces. Well-planned and executed network design, implemented with the best hardware and software, and with flexible financing options, helps your business or institution operate with all the benefits afforded by reliable internet access.

Copper Clock designs and builds networks with expertise gained from years of hands-on experience, and an understanding of our clients' unique requirements. We use only the best equipment for our WiFi installations and offer a fully-managed service for their ongoing maintenance and operation



Networks are intelligently integrated and managed as a service.



Maximum network uptime with responsive technical support.



Quick and efficient resolution of hardware and connectivity faults.

Connection builds  
connection.





# What do we OFFER?

## 1 DESIGN

We work with you to evaluate your network needs, and design a customised network solution for your business.

- Site evaluation
- Assessment of network requirements
- Identification of end-user use cases
- RFP for WiFi and access networks

## 2 PREPARATION

We prepare all the requirements to build and install your network solution.

- High-level network design
- Site acquisition
- Low-level design including installation materials, infrastructure, and equipment

## 3 INSTALLATION

We install all the necessary equipment and software to run your customised solution.

- Fully certified WiFi installer
- End-to-end installations including WLAN and LAN equipment

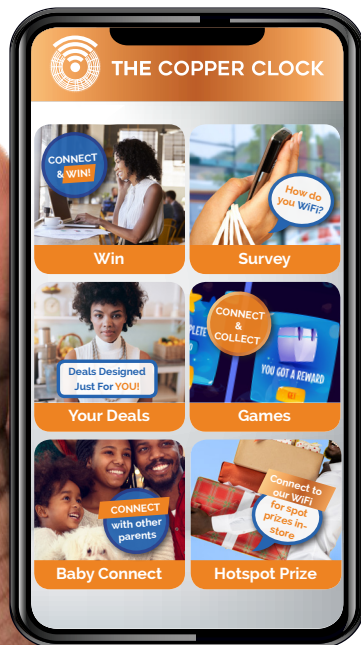
## 4 MANAGEMENT

We offer a range of payment models to finance once-off design and installation, or a hybrid of project or management services.

- CAPEX or OPEX payment options with managed services, or a hybrid model
- Technical support for connectivity and hardware issues
- Full support and management of WiFi networks

# So much more than **WiFi**

You can now interact with your customers in-store on their mobile devices with a revenue-generating tool that helps you build visitor profiles, create digital marketing campaigns, and drive engagement with your brand.



 Customers access your customised content via their mobile device

 A 'Walled Garden' gives access to specific content within the premises

 Easy integration into your existing WiFi network

 NAC (Network Access Control), authentication, and engagement

 Personalised in-store activations based on customer behaviour

Using existing WiFi technology, we have built our own ground-breaking access-controlled Captive Portal that enables you to deliver personalised marketing campaigns right in-store.

## A managed service by industry experts.

# How does it **WORK?**

## 1 CONNECT

Our open Captive Portal authenticates new and returning users, using Progressive Profiling to present them with personalised promotional content.

## 2 REDIRECT

The user is redirected to a 'Walled Garden', an internal, client-managed portal specific to your store, with customised engagement tools and rich media content repositories.

## 3 ENGAGE

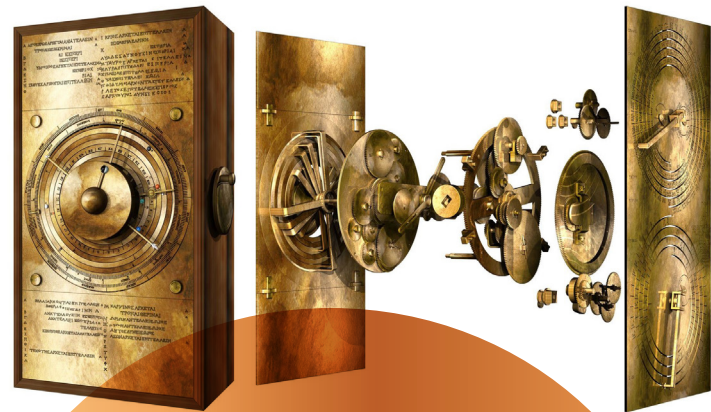
You can distribute content, offer gaming, and engage customers with specials and promotions on the mobile platform, while displaying still or video media on any in-store audiovisual devices.

## 4 INTEGRATE

Customers can authenticate via social media in a tailored user journey with the Captive Portal and Facebook, WhatsApp or most 3rd Party supplier API integrations.

## 5 REPORT

Progressive Profiling gives you customer data to target them on the right channel at the right time, measure retail events, compare your stores' performances, and define best practice.



As a solutions integrator and registered partner with the network OEM's, Copper Clock WiFi works with an in-house development team to build a customised engagement platform for each client that integrates into existing and NAC systems.

## A software development company and systems integrator for the ICT industry

Copper Clock WiFi specialises in network and platform management for the larger ICT integrators, ISP's & Activations Companies. We offer consulting, managed network services & design.

# Your WiFi network can be **MONETISED**

Our customers are our partners, and by offering our solutions as a fully managed service, we ensure that you can offer your own customers premium services that generate revenue for your business.



Make smart business decisions with authenticated user data and analytics, direct-to-consumer insights, call to action mechanics, and content distribution and management.



With the partner cloud management system, you can manage your own content for mobile, digital displays, video walls and any IP TV distribution.



Ideally suited for the enterprise, retail, hospitality, mining and education industries.

## Ideal for the informal sector



Shop owners can rent a device we've designed that has hardware, software, and network access built in: the SPAZA BOX



Shoppers can connect to it with their mobiles and browse pre-defined websites or access social media, video, or music content.

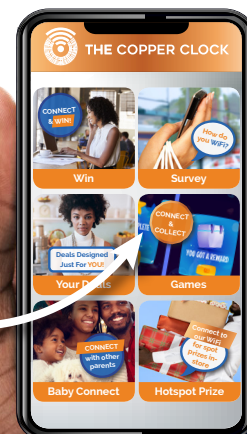
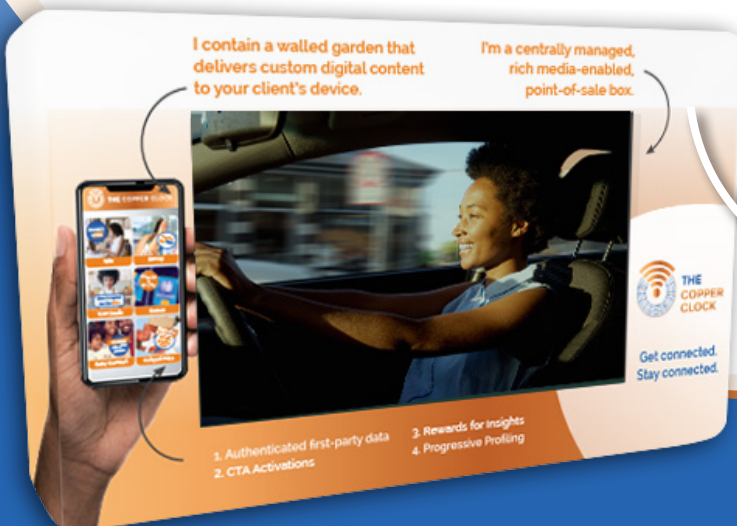


A virtual voucher purchasing system is also built into the box.



As a repository and distributor of information, technology can address a real need in the sector by enabling brands to share education content without the limitation of mobile data costs or lack of connectivity.

This technology has exciting potential for locations such as spaza shops, to cost-effectively distribute content to those who have no or very limited internet access. By tapping into existing buyer behaviour, Copper Clock WiFi enables you to monetise the digital space for the informal sector.







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