Technical case studies

ILLUSTRATIVE SCENARIOS / NOT VERIFIED COMPLETED PROJECTS

01 / Medical practice telephone migration

Challenge: An ageing PABX limits flexibility and creates support risks.
Proposed approach: Assess extensions and call flows, migrate to Grandstream IP telephony, configure reception routing, voicemail and backup power, and test incoming and outgoing calls.
Expected benefit: More flexible call handling and easier ongoing support.

02 / School CCTV fault resolution

Challenge: Cameras intermittently lose connectivity after storms.
Proposed approach: Inspect power supplies, cabling, baluns, surge protection and recorder inputs; isolate faults and replace damaged components after approval.
Expected benefit: Restored coverage and improved resilience, subject to testing.

03 / Business Wi-Fi improvement

Challenge: Weak wireless coverage and unreliable connectivity across offices.
Proposed approach: Survey coverage, review fibre capacity, position access points, configure secure networks and test roaming and throughput.
Expected benefit: More consistent coverage and improved network management.

Verification and handover

Record equipment serial numbers, test results, outstanding defects and customer acceptance. Actual outcomes depend on site conditions and approved scope.

Connecting technology is easy. Sustaining service is what sets us apart.

010 634 4624 | info@earthconnectsa.co.za | www.earthconnectsa.co.za
Fourways Office Park, Cnr Roos & Granite, Fourways, Johannesburg