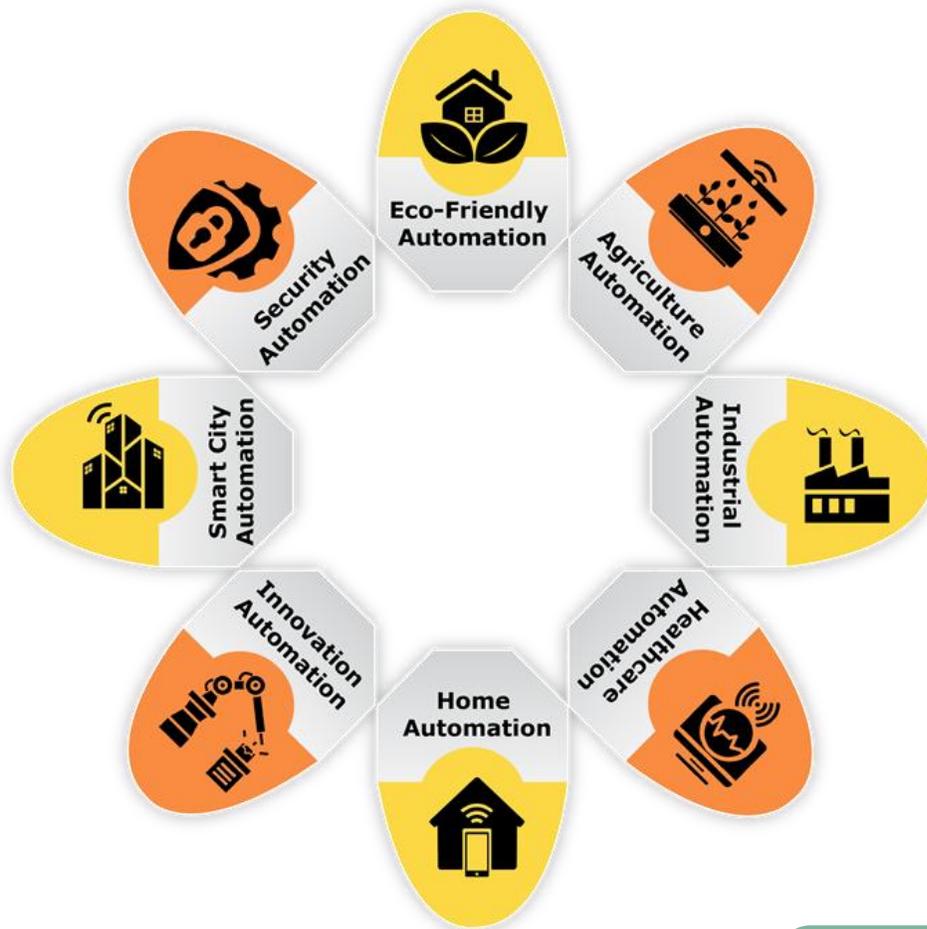


HIGH SCHOOL

**SMART SOLUTIONS FOR
LEARNING INSTITUTIONS**



TECH HÔME

Technology Made Easy

About Us: Tech Home East Africa Ltd (TECH HOME) was founded in 2016 as a Tech-Security company for the East African region.

Vision: Tech Home is envisioned on application of technology in the everyday life in the simplest form for maximum utility and benefit.

Mission: Tech Home rides on the slogan; Comfort, Luxury and Control to explain how we transform your building or office into a breathtakingly Automated, Intuitive and Functional health institution.

SMART Solutions for Learning Institutions

Our Smart solutions for the Learning Institutions – School, College or University are designed to deliver improved safety, learners' satisfaction, and operational efficiency through transformation of the learning environment – Classroom, Accommodation rooms and outdoors into a;

- ▶ Dynamic learning environment that's interactive,
- ▶ Safe and Secure
- ▶ Collaborative, and
- ▶ Easy to use.

From integrated Security, Audio-visual and lighting systems that create the perfect presentation setup to customized solutions for unique learning experiences.

SAVE ENERGY. STAY SECURE. LEARN. EARN.





TECH H^oME

Technology Made Easy

Our SMART Solutions



LIGHTING
CONTROL



CLIMATE CONTROL



DISTRIBUTED
AUDIO/VIDEO



SECURITY & SAFETY
SOLUTIONS



QUEUE
MANAGEMENT



OUTDOOR
SOLUTIONS



NOTIFICATION &
ALARM

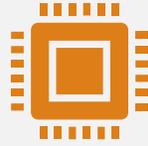


KEY
TECHNOLOGICAL
BENEFITS

Energy Solutions



Energy Solutions



Wireless: No more expensive wiring. Your buildings and the institution is now wireless. A basic system can be installed to allow for future expansion.



Lighting: Imagine being able to turn On/Off/ Dim your lights as daylight changes or on schedule or even when there is movement in your institution or individual classrooms. Create lighting scenes by one touch. Save energy, increase comfort!



Power Tracks/Socket Control: Imagine having power wherever you need it? Smart sockets allow you to turn on or off any device connected to it remotely or automatically when not in use.

Energy Solutions



Motion-Armed Fence: Imagine your electric fence arming only when there is movement to save your electricity bill!



Appliance Control: Imagine now you can turn on/off appliances and equipment in whatever section in the institution remotely or from anywhere or on schedule! Save energy, increase safety!



Colored Lighting: Imagine you can now create the ambience you want or required by the students or staff by selecting the color of your space lighting. Do you want to have uniform room colors across your campus classes by day, hour or lesson?



Climate Control Solutions

Climate Control Solutions



Cooling: Imagine remotely switching on the AC of a room without having to walk there or scheduling to maintain certain room temperatures or even turning off AC when doors or windows are open and being able to save on your electricity bill!



Heating: Imagine remotely switching on the heater in the classroom or office as you approach or scheduling to maintain certain room temperatures or even turning off the heater remotely to save your electricity bill!



Smart Blinds & Curtains: Use a remote or your mobile device to close/open office /classroom blinds Or even let them close when sun rays are too direct.

Distributed Audio / Video Solutions



Distributed Audiovisual Solutions



Audiovisual Distribution: This is your opportunity to provide quality and timely communication to the learners and staff members with 4K video quality across your institution. Tutors can instruct without the trouble of reaching out for remotes or even writing materials. This improves the learning experience for the students both in and out of the institution.



Distributed Video: Imagine having access to satellite TV, DVD and all your media across your institution and the campuses and having different sections or departments of the institution displaying relevant videos to your students, staff and visitors based on where they are within the institution! Is the lecturer out of the country and would like to run the class? Granted! How about auditoriums complete with 4K and HD video?



Distributed Audio: Imagine being able to stream audio messages across the institution including your campuses at given times or controlling your music /audio from a touch screen at the relevant time! Your students can use voice or gestures to make their choices or communicate their issues to the right departments or service providers.

Distributed Audio /Video Solutions

► Imagine having a boardroom that can be converted into a training room automatically without having to carry computers around? The screens will automatically be called using a remote or recalled in the same manner.





Security & Safety Solutions

Security & Safety Solutions



Security & Safety: Imagine being able to monitor and control access to your institution, offices, classrooms, restricted areas without being restricted to the control room! Imagine a system that notifies you of every single important event across the institution including students in distress or where queues or crowds are growing fast! Students and staff members accessing their authorized areas without touching a key or lock!



CCTV Surveillance: Imagine being able to know who, when, how many, what age, what gender of student, staff member and visitors to your institution! Imagine a system that allows you to get intelligence on your students, staff and visitors' demographics with reports and graphs at a click of a button! Would you want to know how many students accessed the library or a class even the institution and how many are still within the institution at any one time? Your safety is guaranteed! Are you concerned that someone without uniforms is in school? Search for them by their dress colors!



Access Control: Imagine no more keys! Imagine being able to control and know who enters your building, office, class or even restricted areas! Store the faces of the staff members or students and have them open the doors without touching anything! Are there times you only want to allow staff and student vehicles? Is school fees due for some students or some suspended from classes? Granted!

Security & Safety Solutions



Automated Gates/Doors: Imagine being able to remotely open and close your gates/doors! How about allowing automatic access to staff and student vehicles? Create a list of 'whitelist' for those allowed access and 'blacklist' for those not allowed entry. Block out strangers for security checks.



Video Doorbell/Intercom: Imagine your students and staff won't have to walk to the door or gate to talk to their visitors or staff across the offices or students in their accommodation to communicate without having to hold handsets! Reduce the number of visitors into or too many people walking within the institution! Are male students not allowed into ladies' hostels and vice versa, let them speak or communicate from the hostel security area via a convenient HD video channel.



Smoke/Gas & Fire Detection: Imagine you can now tell when fire is about to break or when there is a gas-leak in and automatically activate fire suppression or gas valve closers systems. No more fires in your institution! Pro-Act not React to incidences!

Crowd Control & Queue Management Solution

To ensure efficiency and security in the departments especially to the dining, critical offices, library sections, café's and restaurants, we provide a QMS that works with the CCTV cameras and access control systems;

- ❑ To notify you of when queues are building or for specific services so that you can increase the service providers.
- ❑ To provide order by directing people to the right service counters and desks.
- ❑ Reduce fatigue on your students, staff and visitors due to long durations of standing.
- ❑ Provide reports on the number, age, gender and the times your visitors, students and staff come to the institution to allow for better planning especially during events.



Outdoor Solutions



Gym & Sauna: These areas are security and power intensive and you will be concerned by the security and safety of our students as will be electricity they consume. Using the Security and energy management solutions, you offer your students extra value addition to improve the learning experience.



Swimming Pools & Water Points: Imagine being able to turn on the pool services such as water and the cleaning automatically at set times when the pool is free of use? Ensure the pool is accessed only during certain times. Eliminate underage and strangers from accessing the pool. Let the cameras notify you if too many people are at the pool or if one person is left in the pool or where someone is drowning or floating dead!



Sports Courts: Imagine being able pick incidents that happen during the sports. Did someone get hurt and is screaming? Are you experiencing violence in during sports? Who is in the field during class time? Use access control systems and CCTV surveillance to control and monitor access. Improve learning!

Notification & Alarm



Inbuilt notification/alarm on every device.



Flexibility in Notification configuration / setup



Intelligent decision on who to notify (Police, staff, or guard)



Classify Notification or Alarm based on severity or time.



Compare events based on time and severity



Choose mode of notification – Strobe Alarm, SMS, Email or Push Notification



Is not geographically bound. Can reach the concerned wherever, whenever.



Eliminates cases of false alarms as it identifies humans from animals.



Blinds



Garage



KEY System Benefits



Save at least 30% of your energy cost – On /Off /Dim



Cameras Recording on demand saves disk and event search time



Increase your Safety & Security - remote monitoring with a counter, face & number plate recognition



Pro-Active systems ensure incident and accident prevention with comprehensive reports and graphs for analysis.



Automated notifications and reports to multiple recipients – ensure better reach



Your whole building/ office/ zones are on your phone or tablet – as its always with you



Voice controlled hence more comfort, luxury and control.



Quick to install as it is 100% wireless hence no cables or knocking on walls.



Scene Automation help in executing several tasks at a press of a button.



CONTACT US...

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