



ACTATEK

"Elevating Innovation:
Unveiling Actatek's Cutting-
Edge Solutions"

01

What Is The Problem?

Delve into the problems that exist within ID management.

02

We Offer Solutions

Actatek edge AI IoT all-in-one cloud solutions.



WHO WE ARE

"Catalysts of Innovation:
Introducing Actatek"



Welcome to the world of Actatek, a visionary leader in the realm of security and identity management. At Actatek, we specialise in harnessing the power of **advanced edge AI IoT technology** to deliver state-of-the-art solutions in **access control, workforce management,** and **smart city applications.**

PROBLEM



- Existing access control systems are primarily *non-IT-based*
- **Difficult installation processes**
 - Involving non-IT coaxial cables, prolonged timelines, expensive labour, and the need for specialized on-site commissioning.
- **Lack openness for integration with third-party IT applications; scalability**
- Extensive manpower, cabling, hardware and software; sustainability and user-friendliness
- **Extensive training, and compatibility issues** with **ESG** and **NetZero 2050** goals, such as **increasing carbon and energy consumption.**

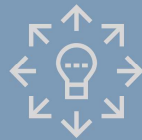


ACTATEK *Solutions*

OPENNESS

Actatek's integrated AI IoT application platform enables cross-platform integration with **any third-party applications**

- API and hardware at the IP network
- Addressing the issue of closed systems.



SCALABILITY

Highly scalable

- Easy installation
- Expand easily without geographic limitations
- Overcoming the challenge of limited scalability.

SUSTAINABILITY

- Future-proof
 - Periodic online updates of functions, features, and security patches.
- Horizontal add-on modular approach
 - Accommodates evolving business ensuring sustainability



USER-FRIENDLINESS

- User-friendly, akin to internet banking,
- Eliminating the need for expensive training
- Addresses the issue of proprietary interfaces requiring in-depth training.

SECURITY



ALL IN ONE SOLUTION

Security-Related Functions:

- Alerts & Notifications
- Anti-passback
- IP Camera For Picture & Video
- Biometrics, RFID card, QR code, PIN, NFC + UHF
- Crowd Capacity Control
- Video surveillance at door
- Guard tour
- Enhanced cyber security
- Emergency door open/roll call
- Unlimited role based access rights

Workforce Management Functions:

- Visitor Management
- User Attendance and Status Reports
- Mobile app
- Job code: project management + job costing
- Multi shift management
- Remote Clock in/out
- Missing Logs management
- User messaging
- Geo-fencing
- Self format reports



INTEGRATION

SECURED ENTRANCES:

GATES/BARRIERS/TURNSTILES/
CARPARK/PERIMETER FENCES

THIRD PARTY SOFTWARE

OPEN API/SDK FOR INTEGRATION


SUPPORT MULTIPLE DATABASES

Oracle, SQL, MySQL, SAP, Azure SQL

REASON 1

"Actatek: Leading the Way -
Competitive Comparison"

How are we different to our competitors?



Hardware costs in traditional systems range from \$1,000 to \$3,000 per door.

Software costs: Basic software maintenance starts around \$500 to \$3,000.

Our device eliminates these costs for you easily.

Traditional Card Reader and Controller System for One Entrance:

Hardware: 2 Readers at **\$150 each** + 1 Controller at **\$300**
Software: License for the controller to manage 2 readers

Installation:

Cabling: Cost is **\$2 per meter** for the cable required to connect readers to the controller.

Labor: Cabling cost from reader to controller varies based on local manpower rates.

IT Infrastructure Connection: Additional costs incurred to integrate the system with existing IT infrastructure.

EFFICIENT HARDWARE MANAGEMENT

- Actatek streamlines hardware management by housing all hardware in a **centralized manner**, eliminating the need for multitude number of devices. This **reduces material consumption** and **simplifies maintenance**.

- Actatek's approach of replacing multiple devices such as time clock, **access control reader/controller, CCTV, doorbells** and **intercoms** with an all-in-one single failure point device simplifies hardware management.

REASON 2

How are we different to our competitors?

"Actatek: Leading the Way - Competitive Comparison"

711.9 kWh of carbon dioxide per year is produced by traditional access control systems

REDUCED CARBON FOOTPRINT:

A single installation typically requires 500 feet of cables

- Actatek's solutions **eliminate the need for excessive cabling** between card readers and controllers, reducing the amount of material required and **minimizing environmental impact.**
- By minimizing the need for cabling manpower and **reducing damages** to buildings during installation, Actatek significantly **reduces the carbon footprint associated** with traditional access control systems.

Empowering a Greener Future: Actatek's Sustainable Innovation



SAVING 2kg CO₂e per 100m of cables

Actatek's **Net Zero 2050 objectives** and **ESG principles** offer significant alignment with insurance companies, providing mutual benefits. Actatek's focus on **developing sustainable technology** solutions helps insurance companies reduce their environmental footprint, contributing to **climate risk mitigation** and **sustainability goals**.

By implementing Actatek's access control and security solutions, companies can enhance building security, **minimize property damage, and demonstrate proactive risk management practices**.



"Enhancing Security and Efficiency: Actatek Solutions for Workforce Management"

Actatek's solution offers a robust workforce management system, focusing on time attendance, real-time personnel tracking, and stringent security measures.

This platform allows for the **accurate monitoring of employee clock-ins for attendance and training** ensuring that only authorized personnel can access sensitive areas.



Security of Data



Workforce Management

Attendance Accuracy and Productivity Improvement:

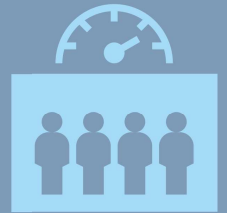
Before implementation: 8% average discrepancy in attendance records due to manual tracking errors.

After implementation: Discrepancy reduced to less than **0.5%**, improving payroll accuracy and reducing overpayments.

Security Enhancements and Unauthorized Access Attempts:

Before implementation: An average of **15** unauthorized access attempts to sensitive areas per month.

After implementation: Unauthorized attempts reduced by **90%** due to stringent access controls.



Access Control



Real-time Personnel tracking

OUR CLIENTS

Banks:

HSBC
Barclays

Restaurants:

KFC
McDonald's

Motor Manufacturers:

Toyota
BMW

Manufacturing:

Siemens
Novartis

Insurance:

Prudential
AXA

Airports & Airlines:

Cathay Pacific

Retailers:

Burberry
IKEA

Hotels:

Four Seasons
Hilton

Actatek has established fruitful partnerships with prominent firms, showcasing its proficiency in delivering customized access control and security solutions tailored to the requirements of any industry.

These collaborations highlight Actatek's dedication to leveraging advanced technology and industry expertise to empower companies in enhancing workforce management, bolstering security measures, and optimizing operational efficiency.

Through its successful engagements, Actatek continues to demonstrate its commitment to driving innovation and delivering tangible value to clients within various sectors.

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**THANK
YOU**