

IOT PRODUCTS (Internet Of Things) Frequently Asked Questions

What is VantageX?

VantageX is a cloud analytics application that integrates Business Intelligence, Data Automation, and Machine Learning into any application, enabling easy data interrogation and reporting.

Why use VantageX?

VantageX empowers impactful decisions through agile Data Intelligence, unifying data from multiple sources for automated reporting.

Advantages of VantageX as a SaaS?

- No need for on-premise installation.
- No need to purchase or own an instance such as a PaaS model.
- Quick deployment with no cloud ma.
- Cost-effective.
- Lower total cost of ownership.

Is my data secure with VantageX?

Yes, VantageX ensures data security through 256-bit encryption, secure HTTPS authentication, and strict user access controls.

Who owns my data?

You own your data; VantageX does not store it on their servers.

Can VantageX host my data?

Yes, VantageX can set up a high-performance analytical database for fast dashboarding.

Where is VantageX hosted?

VantageX is hosted in global data centres and can be hosted in your data centre if preferred.

Can VantageX scale with my business?

Yes, VantageX scales according to customer requirements, limited only by data centre capacity.

Does VantageX require specific infrastructure?

No additional hardware is required; users connect via web browsers.

Does VantageX need an internet connection?

Yes, it operates wherever there is an internet or network connection.

Does VantageX offer on-premise BI?

Yes, VantageX offers on-premise solutions for industries with data sovereignty and legislation concerns.

Which databases does VantageX connect to?

VantageX connects to various databases including MySQL, MySQL SSH, Microsoft SQL, PostgreSQL, PostgreSQL SSH, Amazon Redshift, Oracle, Dremio, Google BigQuery, Applications API's and CSV imports.

How does VantageX query databases?

VantageX uses SQL queries and stored procedures for database access.

Can VantageX share and embed dashboards?

Yes, dashboards can be shared and embedded into websites or applications via iFrame or API.

Ease of training new users on VantageX?

VantageX includes in-application help for easy navigation, requiring technical setup for data connections.

Does VantageX support self-service?

Yes, VantageX simplifies data journeys with intuitive drag-and-drop interfaces for self-service use-cases.

Security and collaboration features of VantageX?

- Secure virtual folder structures.
- Embeddable visualisations.
- Role-based data filtering.
- User-friendly dashboard creation.
- Full functionality for data exploration.
- Dual security features.

Can VantageX be white-labelled?

Yes, VantageX can be rebranded to look like your own BI tool, with ongoing enhancements.

Does VantageX cater to data automation?

Yes, VantageX includes a data automation module with alerts for event breaches.

Is VantageX affordable?

VantageX is cost-effective with billing in South African Rand and unlimited user logins.

How is VantageX different from other data SaaS providers?

VantageX adapts to client requirements, ensuring cutting-edge data solutions.

Access Control:

What types of mechanisms does the access control system use?

The system uses magnetic door locks installed on any existing door, controlled security gates, turnstiles or vehicle boom gates to secure entry points effectively.

What authentication methods can be used to control the access system?

The system utilizes both biometric authentication methods such as fingerprint recognition and facial features, as well as tags or pins for secure user verification.

How does the system ensure interconnectivity?

The system employs standard networking interfaces to seamlessly connect to existing networks and devices or connect to an external router for connectivity.

What are the benefits of biometric access control?

Enhanced security, elimination of lost or stolen credentials, increased accountability, improved user experience, flexible access control, and long-term cost efficiency.

Can the access control system integrate with other security measures?

Yes, biometric systems can be easily integrated with other security measures, allowing for flexible access permissions based on roles or security requirements.

What are the connectivity options for the access control hardware?

Connectivity options include Ethernet and Wi-Fi for local networks where internet connectivity can be provided as well as mobile 4G/LTE.

Is the access control hardware robust and suitable for various environments?

Yes, the hardware is designed to be durable, weatherproof, and tamper-resistant, suitable for both indoor and outdoor use.

How does the access control system manage power outages?

The system includes backup power options to ensure continued operation during power outages.

What is the role of the software interface in the access control system?

The software interface provides centralized management, real-time monitoring, and control of access points, ensuring efficient and secure access management.

Can the electric-fencing be installed on existing walls?

Yes, the fences can be installed on existing walls and palisades. Full electric fence walls can be installed there is no existing infrastructure.

EDMA™ Solution

Do I need an on-site server to use EDMA?

No, EDMA is cloud-based and doesn't require an on-site server.

Can EDMA manage staff schedules with holidays and sick leave?

Yes, EDMA has a Leave Management Module integrated with its Scheduling Module.

Can employees manipulate their clocking transactions?

No, employees don't have access to clocking transactions.

What level of security does EDMA have?

EDMA is hosted in a secure data centre with off-site replication and global redundancy.

Why use EDMA Human Resource Module over other HR software?

EDMA consolidates HR, time, and attendance into one system, reducing administrative burden.

Does EDMA integrate with payroll software?

Yes, EDMA supports payroll file exports and integrates with certain Sage products.

Can staff timesheets be imported into payroll?

Yes, EDMA timesheets can be exported and imported into most payrolls.

How quickly can EDMA be implemented?

EDMA can be set up within two weeks, depending on your solution and provided information.

What information is required to set up EDMA?

Detailed information is required for setup; a kick-off meeting will outline specifics.

What training does EDMA offer?

EDMA offers individual or group training, including train-the-trainer sessions.

What kind of support does EDMA offer?

Support packages include telephonic, site-visit, and remote support, tailored to your needs.

Can EDMA integrate with existing biometric hardware?

EDMA can integrate with Viridi and ZKTeco Hardware.

What happens if premises lose power?

Viridi devices have backup batteries; check other devices for similar features.

Should we switch to facial recognition devices post-COVID-19?

Not necessarily; current devices can be sanitized properly.

Can facial recognition devices be used with EDMA?

Yes, EDMA supports facial recognition, fingerprint, and card devices.

How are biometric installations handled?

EDMA outsources installations to reputable teams and manages the process.

What if we need to move biometric devices to a new premises?

Devices can be uninstalled and reinstalled at the new location.

How long does an installation take?

It varies based on the solution; specifics are discussed during quoting.

What does EDMA software cost?

Pricing varies based on users, mobile apps, devices, and modules needed. Fixed pricing ensures transparency.

Are there additional charges for more employees?

No, unlimited employees can be added without extra charges.

Is there a cost for extra training?

Extra training may incur costs based on your Service Level Agreement (SLA).

Are there any hidden costs?

No, all costs are itemized and explained in the quotation.

Smart CCTV

What is CCTV?

CCTV (Closed-Circuit Television) is a video surveillance system that uses cameras to transmit a signal to a specific place, on a limited set of monitors.

How does CCTV improve security?

CCTV deters crime, provides real-time monitoring, records evidence, and allows for quick response to incidents.

Can CCTV systems be integrated with other security measures?

Yes, CCTV can be integrated with access control systems, alarms, and other security measures for a comprehensive security solution.

What types of cameras are used in CCTV systems?

Common types include fixed cameras, PTZ (pan-tilt-zoom) cameras, dome cameras, and bullet cameras.

How does AI improve CCTV functionality?

AI enhances CCTV by enabling features like motion detection, facial recognition, and object tracking, which improve accuracy and response times.

What is the difference between analogue and IP cameras?

Analog cameras transmit video over coaxial cables to a DVR, while IP cameras send video data over a network to an NVR, offering higher resolution and advanced features.

How long can CCTV footage be stored?

Storage duration depends on the system's storage capacity and settings but typically ranges from days to months.

Are CCTV systems expensive to maintain?

Maintenance costs vary but generally include occasional cleaning, software updates, and hardware checks to ensure optimal performance.

Can CCTV systems be accessed remotely?

Yes, many modern CCTV systems offer remote access via mobile apps or web interfaces, allowing monitoring from anywhere.

What are the privacy concerns associated with CCTV?

Privacy concerns include potential misuse of footage and surveillance overreach. It's important to comply with local regulations and use CCTV responsibly.

How is data from CCTV systems protected?

Data protection involves using encrypted storage, secure transmission protocols, and access controls to ensure that only authorized personnel can view the footage.

Can CCTV systems work in low light or darkness?

Yes, many CCTV cameras are equipped with infrared (IR) LEDs or low-light technology to capture clear images in low light or complete darkness.