![Pavion — Connect and Protect]

Strengthening Security: Pavion Guides Cipher Mining's Cloud Migration for Superior Security

Challenge

Cipher Mining is an industrial-scale Bitcoin mining company with multiple locations in Texas. Cipher Mining is dedicated to expanding and strengthening the Bitcoin network's critical infrastructure in the United States. Their mission is to provide the vital foundation required for the Bitcoin network to flourish.

Cipher Mining has been struggling with an out-dated, non-user friendly, mis-matched security system. As a tech-company themselves, they were looking for an innovative solution to elevate their entire security portfolio. Below are some challenges they have at a current site that they were hoping to overcome with their proposed installation.

Different manufacturer for each system type

• Cipher Mining had a different manufactured system for their camera, access control readers and system management platform.

Outdated management system

• Difficulty in searching their video system for incidents evidence.

• Not able to download video clips and send to management, etc.

• Insufficient amount of storage for camera recordings with on-premise system.

Disconnect between each system

• Camera system and perimeter fence intrusion system do not seamlessly tie into each other for best results.

Overview

• Enhanced Surveillance and Safety With Cloud-Based Systems

• Unified All Security Functions From One User-Friendly Platform

• Increased Efficiency With AI-Powered Search Features

• Reduced False Alarms With Live Agents Reviewing Footage

• Provided Peace of Mind with the Pavion Experience

Solutions

Cipher did not want to have the same experience for their brand-new site, Cipher Mining worked with Pavion to help determine the best cloud security solution to meet their needs and objectives. Cipher Mining ultimately chose Verkada's cloud security system, which provides solutions in each area of security – video surveillance, access controls, intrusion detection, and more, that seamlessly tie into one another for best results and provide access under a single pane of glass to their entire system.

Cipher Mining wanted a reliable and comprehensive security solution to protect its employees, assets, land, and facilities. Cipher's main priority was to secure the site by utilizing one manufacturer that covers all aspects of security – video surveillance, access controls, and

intrusion detection. By partnering with Pavion to engineer a cloud-based security solution, Cipher Mining was able to meet its security objectives while benefiting from the scalability of the Verkada platform that will eventually manage all Cipher Mining sites.

Compatibility

All security hardware was purchased through Verkada, so all devices will be compatible on the Verkada Command platform.

- **Video Surveillance** – cameras (dome, bullet, multisensor) with 30 days of storage.
- **Access Controls** – card readers and door controllers to secure specified doors/entrances. Will also be able to utilize mobile credentials.
- **Video Intercom** – combines video intercom, security camera, and access control capabilities to enhance security and enable customers to answer calls from anywhere. Customers can remotely interact with person(s) on other end and unlock doors with the touch of a button.

Command Platform

With Verkada's cloud-based system, Cipher is able to manage all security functions from a single, user-friendly platform.

- Connect all Verkada physical security devices in a single, cloud-based platform.
- Conduct streamlines investigations with AI-powered search.
- Detect and respond to threats.
- Manage multiple sites from the same platform.
- Access all Verkada devices and manage physical security from web browser or through app on phone.

Automatic System Updates

Cipher Mining purchased Licenses and Workplace Management Software through Verkada, so all systems will be managed and monitored to best abilities through Verkada. The system also includes automatic firmware and software updates to stay current on all the powerful new features, instantly.

Alarm License – uses Verkada devices (cameras, intrusion sensors, access control) to trigger an alarm and allows end user to configure custom alarm responses.

- Includes Video Verification – where live agents review camera footage and only escalate if a person is present, which helps screen out false alarms. Agents follow customer's predetermined process – ranging from notifying end user to calling local police.

Workplace Management Software – allows end users to manage people and packages that enter the facilities, which results in increased security and employee safety.

- Verkada Guest – provides visitors with an intuitive and customizable check-in process that can include document signing, background checks, and automatic host notifications. Native integration with Verkada video security and access control lets admins easily find footage of visitors throughout the building, or unlock doors to let people in.
- Verkada Mailroom – streamlines deliveries with a simple app to scan packages, notify recipients, and manage deliveries. This assists in keeping track of inventory, supplies, and deliveries at all times, which reduces the manual process of logging shipments.

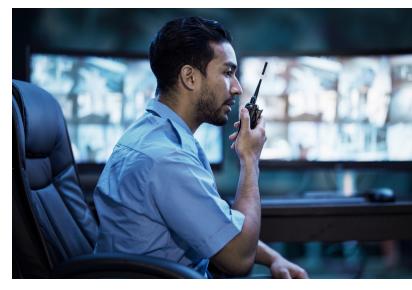# Results

Enhanced Surveillance and Safety

With the Verkada hardware partnered with its video verification alarm licensing and workplace management software, Cipher Mining will significantly improve its ability to detect and deter suspicious activity and unwanted visitors, while securing its employees, assets, land, and facilities. Each aspect of security will seamlessly tie into one another for an enhanced system and overall security.

Streamlined Security Operations

The Command platform will enable Cipher to manage video surveillance, access control, intrusion, etc. all on the same platform, whether the end user is onsite using a web browser or states away using the Command mobile app.

Increased Efficiency While Reviewing Footage

With Verkada's AI-powered search feature, Cipher will be able to search for people and vehicles across the entire camera fleet in order to efficiently conduct investigations. This will reduce the time spent on reviewing footage and piecing together causes of incidents and/or people

involved. Once an incident is found, Cipher will be able to easily export/send video clips to management or law enforcement for review.

Reduce False Alarms

With Verkada's Video Verification, live agents review camera footage when an alarm is triggered to verify that a person is present before escalating to the end user or calling the police. False alarms are reduced because potential threats are being reviewed by a human agent prior to escalation.
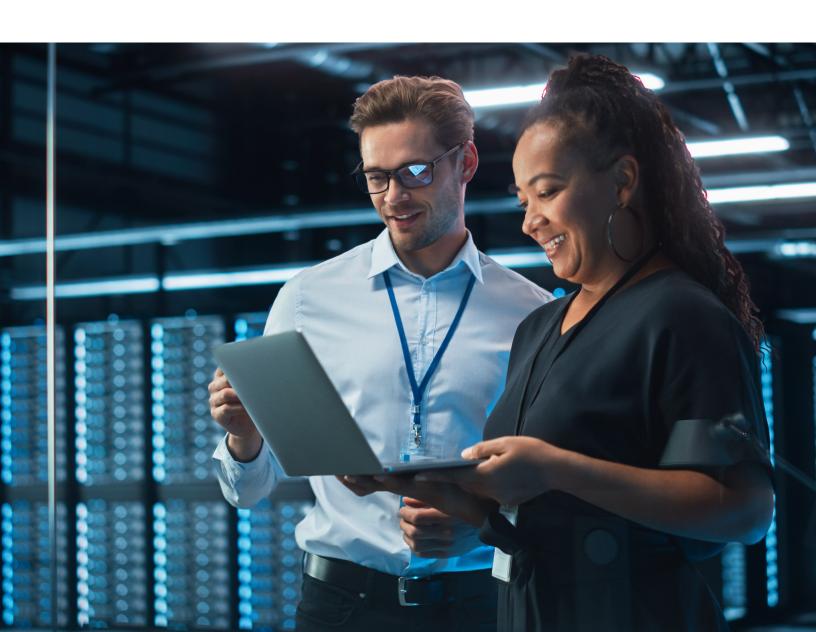
Conclusion

Pavion and Verkada's partnership to provide an enhanced cloud-based solution transformed Cipher Mining's security infrastructure, providing them with a modern, scalable, and easy-to-use system. The comprehensive security system and management platform will aid Cipher Mining in maintaining a safe and secure environment for its employees, assets, land, and facilities not at one site, but across multiple sites with more to come. Implementing this system that covers multiple areas of physical security demonstrates the value of investing in a comprehensive cloud-based security solution.

For more details on Pavion's cloud-based security solutions and more, visit pavion.com for more information.

PAVION EXPERIENCE

We've Got You Covered

We call it the Pavion Experience. The lifecycle of services we deliver, from design through ongoing support, that helps keep your fire, security, and integration systems running while saving you time and money.

Pavion brings best-in-class solutions together. Through the entire project lifecycle, we work with our customers to solve their problems and help them overcome their challenges. So no matter your project, we meet your needs with a partner you can trust.

Design

From the initial project kickoff to understanding your requirements, we'll design a solution that meets your needs with clear scope, bill of materials and comprehensive drawings.

Technology & Integration

Once your design is approved, we deliver your technology with first-class implementation, engineering, change management and training.

Service

With your solution fully implemented, Pavion offers multiple service offerings to make sure you get the most out of your Pavion Experience, with the highest level of reliability and customer service offered.

About Pavion

Pavion connects and protects
by providing Fire, Security, and Integration
solutions to customers in 70+ U.S. locations
and 23 countries. The company brings
industry-leading experience to clients in the
enterprise, healthcare, education, government,
data center and retail industries. Its mission
is to bring clarity and transformation to
safety, security, and communication through
technology and radical service.
Learn more at Pavion.com.

Our Industries

We've built solutions for many
different industries, and we're
ready to provide you with
the service and solutions you
need to connect and protect
what's important.

Destination Retail
Distribution & Storage
Education
Finance & Insurance
Goverment & Defense
Healthcare & Pharmaceutical
Jails, Prisons & Detention Centers
Property Management
Technology & Data Centers

✳️ **PAVION**™
CONNECT AND PROTECT

pavion.com

SCAN ME

📷 ▶️ 𝕏 f in