Feenics

Features:

- **RESTful API** - Deploy and develop easily using one simple code. Interfacing to multiple systems and devices can be easily integrated into your infrastructure using the same API.

- Fully Integrated Visitor Management - NEED INFO

- **Two-factor Authentication.** Industry's only authentiction to ACaaS. Additional layer of login protection to reduce security risks of using weak passwords.

- **Powerful (Mobile) App.** One app with robust feature set that can alert, command and control the facility using iphone or android. Keep interface provides a great user experience no matter where you are or what device you are using.

- **Real-time Alarm Events.** Zero latency and there is no need to refresh to update the system

- **Veracode Vulnerability Scan** – combines proven, continuous threat monitoring and vulnerability scanning through Vericode and Amazon Web Services

- **Scalable and Flexible Performance:** Unique ability to scale up and down quickly in response to an enterprise's requirements. On-demand scalability provides added flexibility and greater agility to easily respond to evolving security and business requirements.

- **Seamless Integration:** Rapidly develop and deploy enterprise security applications using RESTful API. Adding controllers, video, readers, and Internet of Things (IoT) devices can be done easily with one simple code.

- **High Availability and Resilient:** Triple redundancy for business continuity and uptime. No disruption of service. You never lose connection: 99.999% fail proof.

- **Advanced Security in the Cloud:** To provide the highest level of security and data privacy, Keep incorporates TLS encryption with field hardware, SSE of outbound ports versus inbound ports, the industry's only two-factor authentication to an ACaaS solution, and secure SSL encryption for Keep login.

Keep by Feenics™ is the industry's most secure and flexible cloud-based access control solution that can be accessed anywhere there is an Internet connection using a simple user interface. Built on open architecture hardware and fortified by the security, disaster recovery and redundancy of Amazon Web Services, Keep is scalable from one door to global enterprise environments. It provides the ultimate in choice to manage security infrastructures, integrate third-party applications and reduce capital expenditure.

RESTful API

Migrating current systems to the Keep by Feenics™ platform or creating fully integrated and customized access control solutions have never been easier with the platform's RESTful API. Customers are empowered to deploy an extensive range of technologies, on demand, through an easy and straightforward process that provides, consistent performance, predicable behavior and reliable results.

Feature Rich, Easy to use Interface

Keep by Feenics™ delivers a complete web-enabled solution for configuring, commanding and real time monitoring of physical access control installations. Because The user interface is a single page experience, even for features such as photo capture, cropping and ID badge printing can easily displayed. A broad range of window layouts with display scaling allows the user to customize their Keep by Feenics solution with as little or as much information as they wish.

Focus on Business Growth

By moving infrastructure to a service-based model, organizations can focus their time and resources where they belong: on developing innovative applications and solutions that grow their business. The time, money and resources spent making technology decisions for access control, along with hiring staff to manage and maintain the infrastructure can be a thing of the past.

Keep is the perfect choice for organizations who are looking to position themselves to a scalable, agile and secure cloud-based access control solution. Keep provides customers with the assurance that your investment in today's technologies can be leveraged into the future.

Built by Industy Experts, Designed By Customers, Backed by Open Hardware Manufacturers.

Architecture

Built on Microsoft .Net architecture and designed to run on Windows, Keep by Feenics™ utilizes a distributed server architecture for security and performance. Its REST API is built for a cloud-based application that allows for third-party integrations.

Scalability

Keep's scales to the capacity at the intelligent controllers, which supports 600,000 card holders and 50,000 transactions. The system supports a virtual machine topology enabling the consolidation of multiple servers.

Software

Keep is available as a thin, desktop app, HTML5 browser-based web client and mobile app. All use the same REST API.

Hardware

Keep by Feenics is based on proven Authentic Mercury open hardware and architecture. There are no on-premise servers or appliances that require updates or refreshes.

Security in the Cloud

Data integrity within a cloud environment is critical. To provide the highest level of security, Keep by Feenics™ takes multiple measures to protect the client's information:

- TLS encryption with field hardware
- Use of outbound ports versus inbound ports
- 2-factor authentication
- Secure SSL encryption for Keep
- Inherent redundancy for client disaster recovery without additional servers on-site or remotely.

Additional Features

- Customized opening page and favorites
- Multisite management software
- Native mass notification
- CSV Database import utility tool (up to 6 fields, customizable)
- Global search capabilities
- Visitor Management desktop capabilities fully integrated

Securing the Application

- Inbound Ports Opened on Network
- 2-factor authentication w/QR code authentication via Google authentication
- Password Policies
- TLS 1.2 Encryption enabling at Mercury board
- Secure URL with TLS 1.2 encrypted certificate (HTTPS)

Redundancy/Back-up/Uptime

- Automatic back ups
- Remote Storage
- Uptime guarantees
- Data retention / archiving
- Vurnerability Testing

Keep Specifications

Architecture	Microsoft .Net
Logon Security	Two factor authentication, password policy
Client Encryption	2048 bit certificate SSL encryption
Communications Path	IP Client (only uses outbound ports)
Hardware Encryption	TLS 1.2 (Transport Layer Security)

Database Redundancy/HA	Elastic block storage/Point in Time Recovery
Concurrent Users	Unlimited
Database Capacity	Unlimited (500,000 max/controller)
Custom Attribute Fields	Unlimited
Card Reader Limitations	Unlimited in Keep - see hardware specs
Video Integration	Salient - Exacqvision - Pelco DS - Pelco VX

Network Switch

Mercury MR51e

Mercury EP4502

CAT5/CAT 6

Outbound Port 3001

TLS Encryption at ISC board activated

RS485

Door 1

Door 1

Door 1

Door 2

MR52

MR16IN

MR16OUT

keep™ by FEENICS

SSL Secure Connection