# Physical Workforce Identity Management <sup>Suite</sup>

## Reinventing Workforce Identity and Access Security with Automation

Vector Flow's next-generation Physical Workforce Identity Suite streamlines Physical Identity & Access Management (PIAM) and delivers advantages over legacy PIAM or PACS systems. By leveraging advanced Artificial Intelligence (AI) in conjunction with real-time streaming powered by Apache Kafka® for real-time processing plus configuration Design Studios, Vector Flow deploys 5x faster making its implementation both flexible and simple. The Vector Flow platform brings you the power of enterprise-grade PIAM coupled with AI- driven physical access decisions to deliver your identity program from your own cloud/data center or Vector Flow cloud.
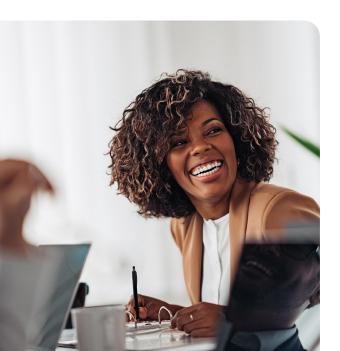
The Vector Flow Workforce Identity platform handles all identity management tasks, including on/off-boarding, access permissions and changes, non-employee (contractors, vendors, 3rd party, visitors) management, physical access audits, compliance, pandemic related return to work policies, and credentialing. Vector Flow goes above and beyond previous limits of legacy PIAM to deliver greater business value through our next- generation platform approach. Vector Flow allows you to answer important questions: who has access to what areas, should they have access, and how are they using that access, are they in compliance with physical access and occupancy controls, etc. Vector Flow also optimizes the metrics behind each PIAM process such as Mean Time To OnBoard/ OffBoard, Mean Time For Access Approvals etc., so you gain complete visibility and apply access controls for every identity, facility, and data/ physical assets throughout your environment.

Vector Flow employs machine learning and AI-enabled automation to deliver improved operational efficiencies and effectiveness across the entire physical security domain. Our advanced cloud-enabled or on-premises platform converts raw security data from multiple sources into intelligent insights to drive operational performance and business results.

Learning algorithms start to identify and address security gaps, deliver recommendations for improvements, and make hidden details of your operational state visible. At the same time, our suite of applications leverages data intelligence to automate business processes, tasks, and workflows to reduce security distractions and expand continuous intelligence letting your team focus on tasks that really matter and make decisions faster.

## Key Features

**AI and Machine Learning**
Uses advanced AI/ML techniques to identify patterns and detect anomalies, make predictions and/ or provide specific recommendations. Vector Flow has your data centricity at its core.

**Data-driven Platform**
which supports an in-built Machine Learning (ML) platform and domain-centric, actionable insights to automate physical security operations.

**Feature-Rich out of the Box Modules**
that offer extensive capability over legacy PIAM, clear cost- to-value, and extensible via our Designer Studios.

**Architectural Superiority**
to anything on the market with a robust Kafka-based, real-time event streaming platform that is fast, secure, reliable, and highly scalable.

**Reduce Deployment Time**
to ensure there is rapid time to achieve business goals. The core software can be deployed on-premises, in a private cloud or as a fully hosted solution in days/weeks.

**Low Code Designer Studios**
that act as a workbench to build/ modify/extend the application. The Design Studios are a collection of tools to manage the user interface, integrations, data entities, playbooks, communications, and reports.

## PIAM Applications

### Physical Identity and Access Manager (PIAM)

Vector Flow's PIAM provides Physical Security, Employees & Contractors with these benefits:

- Automatically enable the right physical access at the right time. Maximize Day 1 productivity with automated provisioning upon on-boarding and changes

- Deliver appropriate physical access to balance worker productivity and security. Too much access introduces serious security risks, while too little access costs money in an unproductive workforce

- Automatically adjust access as identities change in attributes such as roles, departments, locations or when leaving the organization

- Get complete visibility to monitor and manage all access in real-time, including AI-based recommendations to handle risky access usage such as abnormal usage, tailgating, unused, cloned or shared cards

- Streamline and automate workforce identity on/off-boarding, credentialing processes as well as physical access provisioning into respective physical access control systems

- Identities can be synchronized from an HR system/authoritative source or directly enrolled in Vector Flow via an internal or optional Contingent Workers PIAM Portal that allows non-employees to provide their own data and interact directly with security

## Compliance & Audit Manager (CAM)

Vector Flow's CAM provides IT, Physical & Cyber Security, Audit and Compliance Teams with these benefits:

- Automate all tasks that enforce and prove compliance to keep your organization "audit ready" with internal controls as well as global government regulations including CCPA, FISMA, GDPR, HIPAA, SOX, SOC 2 Audit, NERC CIP, TSA SD, and more Instant and continuous real-time analysis of all identity and physical access risks including COVID related CDC/OSHA guidance on occupancy and notifications

- Insights into identity and access risks by user, facility along with built-in remediation recommendation

- Automated access reviews tailor-made for your physical security environment

- Audit playbooks that can be deployed easily, without costly implementation or maintenance

- Reports related to monthly, quarterly and annual area owner, manager access audits are always ready for the defined period

- Recommendation Engine and Self-Certification reduces audit burden on managers by making it very easy to review and certify access by person and by area

## Self-Service Access Manager (SAM)

Vector Flow SAM provides Employees, Contactors, Physical Access Area Owners with these benefits

- Simplify users' physical access requests or approvals to any corporate facility/resource at anytime, anywhere

- Recommend access personalized to each identity so users have the right access privileges required for their job (eliminates onboarding delays)

- Provides identity insights so that approvers make an informed decision before granting physical access

- Speeds up the entire process of access requests, approvals, and revocation using your desktop or phone at your convenience including the ability to delegate tasks to someone else in the organization

- Access assignments and approvals take seconds or minutes versus hours or days, boosting dramatic productivity increases, improves the quality of service, and enhances the end-user experience

> **A recent customer replaced their legacy PIAM system and automated over 95% of the manual tasks associated with on/off boarding employee identities. 17 staff were reassigned to more valuable activities!**

## ID Risk Dashboard

Vector Flow ID Risk Dashboard provides Physical & Cyber Security teams with these benefits:

- Stay ahead of the security curve by proactively spotting risky users and access that pose insider threats

- Discover suspicious or anomalous access such as risky users or misconfigured security access policies to maintain continuous compliance across the entire organization

- Enable sharing of KPIs to improve risk analysis and investigation between physical & cyber security teams

- Demonstrate the effectiveness of your PIAM program utilizing metrics with dashboards that are shared with other stakeholders including executives

- Leverage experience from security practitioners, investigators,

- and 3,000+ real cases of insider threats with deep learning techniques that eliminate the need to create complex correlation rules

## Workmate

Vector Flow Workmate application provides Human Resource, Real Estate, Physical Security teams with these benefits:

- Real-time occupancy controls, contact reporting, on-site personnel metrics
- Monitor/enable access based on essential work approvals, pre- screening & training statuses
- Identify invisible patterns of collaboration within facilities
- Monitor compliance with social distancing policies, out-of-box reporting for California Senate Bill SB 1159 and Assembly Bill AB 685
- Forecast occupancy, test office configurations, improve employee experience and safety
- Recommendations on space decisions – save on lease, cleaning, building management and OPEX costs
- All of these automated actions reduce the burdens on security, real estate and HR staff during an emergency while providing a consistent and trackable methodology to gain facility access experience

## Rapid Deployment

Vector Flow's unique product architecture, packaging, pre-configured PIAM best practices, out-of-box modules, and design studios allow for a rapid deployment approach to makes customers successful within weeks. Vector Flow provides you the flexibility to deploy rapidly to best meets your digital transformation needs including:

- On your organization's own Cloud instances
- As a cloud-managed service supported by Vector Flow or our Vector Flow Partners
- From your dedicated data center or private cloud

PIAM Deployment tasks that legacy PIAM vendors take months or years to complete can now be accomplished in few days to maximize your investment.digital transformation needs including:

**Work with Vector Flow to gain the security and operational benefits of leading-edge intelligence technologies.**

## About

**Vector Flow** is dedicated to using machine learning and automation to deliver improved operational efficiencies and effectiveness across the entire physical security domain. The company's advanced cloud-enabled and on-premises platform converts raw security data from multiple sources into intelligent insights to drive operational performance and business results. Vector Flow automates several key security processes such as Physical Identity & Access Management, COVID Return to Work Management, Visitor Identity Management, SOC Automation, False Alarm Detection & Reduction, etc. Vector Flow solutions leverage data intelligence to automate business processes, tasks, and workflows to reduce security distractions and expand continuous intelligence – allowing security personnel to focus on tasks that matter and make decisions faster.

Learn more at
**vectorflow.com**