

2023-24

# PERFORMANCE

CLOUD ✦ SERVER ✦ NETWORK ✦ SECURITY ✦ APPLICATION

# MANAGEMENT

Security &  
Cyber  
Assurance

Cloud &  
IT  
Infrastructure

Data Sciences  
& AI

DevOps  
Consulting & Apps

## About Amvion



## Security & Cyber Assurance

### Endpoint Protection & Management

AV- Antivirus	Protects from malware, spyware Integrated with DLP & Asset management
DLP – Data Loss Prevention	Protects from data loss of Sensitive content monitoring all major exit points
Multi-Factor Authentication	Two ways (authentication factors) to confirm your identity, 2FA or MFA increases security to access
EDR/XDR – Endpoint Detection & Response	Records & analyses endpoint-system-level behaviors, provide contextual information, block malicious activity and provide remediation suggestions to restore affected systems
End-user Monitoring	Monitoring the remote user's behavior or actions, analyze the data and work on improving User experience
Mobile Device Management	Management of mobile devices, such as smartphones and tablets, used within an organization by controlling and securing devices, enforcing policies, and ensuring data protection



# SECURITY OPERATIONS CENTER – THREAD MONITORING AND VIGILANCE



## ASSESS

Risk identification	Response recommendations
Attacker attribution detail	Future investigation guidance
Threat Event Monitoring	Threat Event Correlation



## HOW DO WE HELP YOU?

- Detect possible attacker activities in your environment
- Shares best practices to help effectively respond to incidents
- Review security platform integration with security operations
- Search and Hunt advance attacks using Indication of Compromises (IOCs)



## WHAT TO EXPECT

Attacker activity report with locations

Analytical visualization of threat information using live Attack Dashboards

Discuss attack detection scenario library and protection

Attack alerts delivered to your email box

Executive summary



## LESS THAN A DAY TO DEPLOY AND DETECT, IN FOUR EASY STEPS

1 IT design, Review helps configure your platforms and forward logs to SOC Engine

2 Configure and tune SOC platform to process and detect threats

3 Security Analysis Dashboards and Reports delivered

4 Start threat detection, hunting and analysis exercise



## HUNT FOR

- Ransomware
- Malware
- Phishing
- Botnet
- APT

## SIEM



## Detects & Highlights attacker activities in your environment

- Are there any Ransomware activities happening?
- At what stage Attackers are operating?
- Are attackers present in critical servers?
- Who all is accessing my critical Data?
- How many of critical systems are compromised?
- What type of Malwares are present in network and what activities are they doing?





## External Threat Prevention / Brand Monitoring Services

Surface Area Monitoring	Prevents Phishing, Spamming and Malware Attacks
URLS/IP's Vulnerability Monitoring	Identifies & prevents OWASP-Top 10 Vulnerabilities and external attacks
DF24	Looks for any Defacement of critical Servers
Fake Mobile App Monitoring	Fake App identification
Negative News Monitoring	Identifies Negative News in all Internet forums
Data Breach Monitoring	Identifies compromised email id's/Corporate Informations
Dark Web Monitoring	Identifies customer data if posted in Dark Web
Internal VA Assessment	Deploy Scan for Internal Vulnerability Assessment
Threat Intel API	Prevents/scans/Deletes malicious content(Any kind of File) that gets uploaded to the client's business application/website

## Managed Security Services



PAM – Privileged Access Management	Automatically discover and onboard privileged credentials and secrets used by human and non-human identities. Enable secure access for remote employees and external vendors
Vulnerability Assessment and Penetration Testing	Identify and mitigate internal and external vulnerabilities
WAF-Web Application Firewall	Protects critical applications, Major vulnerabilities like DDOS and SQL Injection are prevented
Secure Code Review	Identifies the security flaws in Code, Review the code for vulnerabilities
ZTNA – Zero Trust Network Access	Provide secure remote access to applications, data and services based on clearly defined granular access control policies



## SERVER MONITORING

Organizations can maintain a stable and secure server infrastructure, deliver consistent services, and ensure optimal resource utilization

## NETWORK MONITORING

Collect, analyse and mitigate the data from network devices and systems, which helps to improve business outcomes



# Performance Management

Server : Network : Cloud : Security : Application

# ObserveLite

ObserveLite is a comprehensive observability tool, covering all required infrastructure and applications of any organisation - big or small. ObserveLite combines end-to-end traces, log analysis and metrics necessary to keep systems & apps secure, available and performing optimally, thus guaranteeing increased uptime, efficiency and exceptional user experience.



## CLOUD MONITORING

Proactively monitor the availability performance and security of cloud environments



## SECURITY MONITORING

Allows you to observe, analyze, and monitor security risks in your environment that are related to third-party libraries



## APPLICATION MONITORING

Application monitoring insights application's health, diagnose problems and optimize its performance

# CLOUD & IT INFRASTRUCTURE



## Managed Cloud Services

Keep your Cloud running smooth by provisioning and orchestration of resources, automating Cloud consumption, resource life-cycle management, cost-optimisation, performance monitoring and Security.

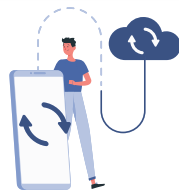
### Amvion for Cloud Migration, configuration, optimisation, Security and Cost-control

- Inter-operability between multi-cloud environs
- Controlled boost of productivity and development speed
- True cost-assessment – Drill downs to details to identify & gather causes
- Manage access, protect data and secure cloud environments against internal / external threats
- Enable strategies and processes to over-see assets, facilitate automation and to make informed decisions
- Align regulatory requirements for compliance and governance
- Enable ML tools for robust Threat Intelligence
- Monitor Logs to aggregate, analyse and correlate to identify errors, automate incident management & optimise performance



### Backup & Storage:

Back up critical data and applications, for compliance to long term retention, at minimal affordable cost.

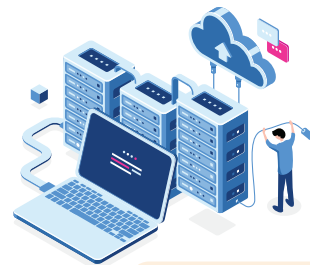


### DR on Cloud:

Ensure higher availability and minimal downtime by enabling HA. Set up automatic failover for 100% availability of critical applications.

### Hosting services:

Scale up and down according to demand, vast option to customize computing resources, availability of security services from basic firewall to WAF on on-demand subscription mode to avert threats. Instantly enable High Performance Computing



### Websites/ Application :

Provisioning of CPU/GPU based servers within 30 mins; Cluster configuration; use from hours to days on need; Secure access - increasing flexibility and availability for compute jobs.

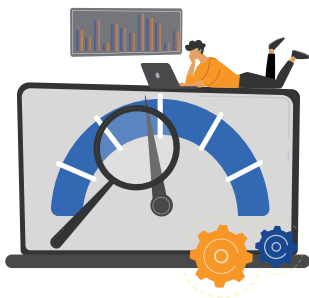


## IT INFRASTRUCTURE SERVICE

### Network Performance Audits and Optimisation :



Every investment has to be checked for performance. Amvion boasts of a 30 year experience in understanding of Networks and IT Infrastructure. Be it WiFi or Wired Network, WAN or VPN, Amvion audits, consults, mitigates and improves Network Performance with a liberal use of Network Trouble-shooting tools. A Network with minimal Jabbers, broadcasts etc., and a consistent optimisation plan, gives the most desirable Network user experience

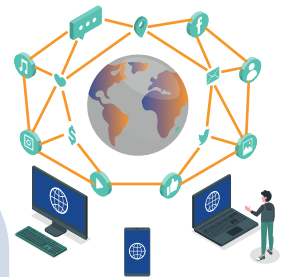


### Network Management System :

Identify \* Configure \* Monitor \* Validate

### IT Outsourcing & Technology Consulting Services:

It isn't easy to manage an IT Infrastructure. To architect the growing demand of technology adoption isn't easy either. Amvion's experienced IT Management expertise with deep knowledge in industry best practices is readily available to assist in managing and consulting on technology.



### IT Resource Facilitation :

Trust worthy and skilled IT resource dependence is an integral part of business growth. Amvion can help in App development, DataBase, Security, Network, IT Management resources, for short and long term contracts.

### AMC & Renewal Services:

Amvion maintains and manages tens of thousands of end points and hundreds of Network devices for scores of customers. License renewals' of any products' leads to maintenance services.



# UNLOCK THE POWER OF AI TRIGGERED ASSET MANAGEMENT WITH

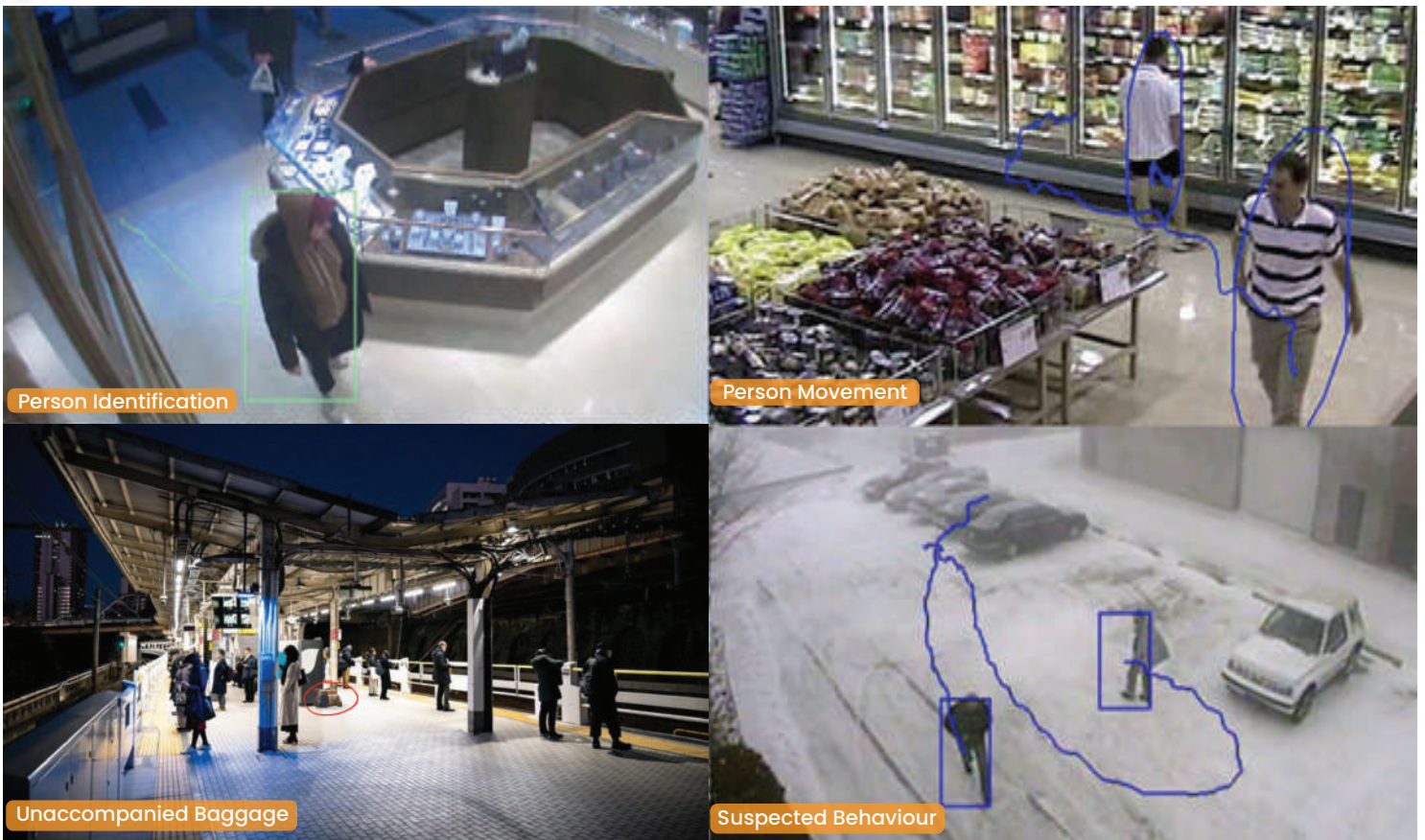


- CENTRALIZED ASSET REPOSITORY** : Organize all your assets in one place
- REAL-TIME TRACKING** : Instantly locate and monitor the status of Asset
- CUSTOMIZED REPORTS** : Insights into asset utilization and performance, Optimise asset management strategy
- USER-FRIENDLY INTERFACE** : Get started in no time
- SCALABILITY** : 'SAMPAT' scales to fit your needs. Start small and grow with us



Streamline operations and maximizes productivity

## AI VIDEO CONTENT ANALYTICS TOOL



The image above is an illustration of Amvion's Video Analytics Capabilities

**Amvion** provides real-time video processing into intelligent data via video analytics. Generate automatic descriptions of what is happening in metadata to detect and follow items that could be classify as cars and other objects with liberal use of algorithm Motion Intelligence to track an object's movement. The tool transforms ordinary IP video into corporate intelligence.





## DATA SCIENCES & AI

### METHODOLOGY IN DATA ANALYTICS

Diagnostic Analytics

"Why did this happen?"

Descriptive Analytics

"What happened?"

Prescriptive Analytics

"What should we do next?"

Predictive Analytics

"What might happen in the future?"

### ADVANCED ANALYTICS

Predictive Modeling

Retail Analytics

Machine Learning

Origination Analytics

Financial Analytics

Corporate Analytics

Statistical and Quantitative Analysis

### DATA LAKE

#### Advanced Analytics Platform

API Services

BI Tools Integration

Multi-tenant



### DATA CLASSIFICATION

Build systems that collect, manage, and convert raw data into usable information

### REPORTING PACKAGES

Financial Reporting

Retail Reporting

Wealth Reporting

Customized Report

Financial Inclusion Reporting

Corporate Reporting

Reporting

### REPORTING



Transact



Infinity



Credit Card



Origination



CRM



Others

# DevOps Consulting & Apps



## ASSESSMENT AND PLANNING

Create a DevOps Assessment roadmap by envisioning the target state and pinpointing measurable metrics to track progress.



## PROCESS IMPLEMENTATION

Speed up DevOps adoption by swiftly analyzing, designing, building, automating, and deploying solutions in specified domains.



## PROCESS AUTOMATION

To streamline the entire pipeline, automating everything from creating code to reaching production, including builds, testing, quality assurance, security, and beyond.



## PILOT FRAMEWORK CREATION

Making the most of your current tools by seamlessly connecting them with a powerful collection of both free and licensed automation resources.



## CI/CD PIPELINE

Amvion's DevOps experts connect the dots with continuous development, seamless integration, ongoing testing, and constant deployment.



## 1. MANAGED DEVOPS SERVICES

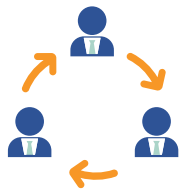
- ★ IaC (Terraform), containerization, and orchestration (Docker, Kubernetes, etc.)
- ★ CI/CD (setup an end-to-end pipeline encompassing DevSecOps)
- ★ Cloud infrastructure management (AWS, Azure), cloud cost optimization
- ★ Continuous security (firewalls, vulnerability scanning, access control, WAF, security best practices audit)
- ★ Application, web server, deployment logging
- ★ Performance management
- ★ Incident management, backup, and disaster recovery
- ★ Test automation

## 2. DEVOPS LAUNCH CONSULTING

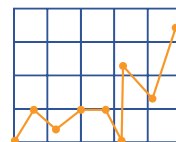
- ★ Getting started with DevOps – Approach and Practices
- ★ Monolith to Micro-Services Migration
- ★ DevOps Transformation Advisory



FASTER DEPLOYMENT



IMPROVED COLLABORATION



PROMOTES AGILITY



EARLY ERROR DETECTION

## 3. DEVOPS PROJECT RECOVERY CONSULTING

Facing challenges or setbacks in DevOps initiatives? Even the most meticulously planned projects can encounter roadblocks.

## 4. DEVOPS TECH CONSULTING

- ★ Crafting a customised strategy – be it Containerisation, MicroServices or any other transformative technology, Amvion can be trusted for efficient adoption process.

## 5. DEVOPS ORCHESTRATION TOOL: ALLOPS

Visit us at [www.amvionlabs.com](http://www.amvionlabs.com) for more details

## APP DEVELOPEMENT

 Office 365

## APP MAINTENANCE



ManageEngine

## COLLABORATION TOOLS

Integration  
&  
Maintenance

## EDUCATION - UNIVERSITY

ERP System



- Student Information
- Course Management
- Attendance
- Online Exam
- Online Assignment
- Time Table
- Fee
- Library
- Hostel
- General Admin
- Affiliation
- Accreditation
- Ranking Framework



## WEBSITES

- Design
- Content Creation
- SEO
- Development and Maintenance



- Automated Templates
- Access Control
- Editing Tools
- Workflow Management
- Collabration
- Doc Management
- Version Control
- Scalable Expansion



## SOFTWARE DEVELOPEMENT RESOURCE FACILITATION

- Full-Stack Developer
- DB Administration
- Select Platform Developer

## AMVION IS A

CALL



+91 9176625802

POST



<https://www.linkedin.com/company/amvion-labs-pvt-ltd/>

PING



+91 9176609542

EMAIL



info@amvionlabs.in

Away!

Prophaze

# WAF 3.0

## All-in-One Web and API Security Platform

Multi / Hybrid / On Prem / Kubernetes



### Prophaze Product Lines

 <b>Behavioral based Web Application and API Security</b> Complete API discovery and security platform along with protection of ERPs and CRMs	 <b>AI/ML Driven Layer 3-7 DDoS Protection</b> Protection against advanced DDoS attacks	 <b>Multi-Cloud Application Security</b> Prophaze seamlessly integrate with Multi-Cloud viz AWS, Azure and GCP	 <b>Content Delivery Network</b> Provides complete reliability for better application performance
 <b>DNS Security</b> Securing DNS Zones against wide range of attacks	 <b>Global DNS Load balancing</b> Global DNS Load balancing based on latency and Geo Location	 <b>On-Premise Application Security</b> Deployment of Prophaze Infrastructure in completely on-prem for high security environments	 <b>Bot Protection Solution</b> AI/ML based profiling to identify bad bots and scrappers

24x7x365 | Instant Support via Phone | Zoom | Google Meet & Teams

### Verticals We Deal With

- Aviation
- Healthcare
- Fintech/BFSI
- Education
- Manufacturing
- Defence
- E-Commerce
- Govt. Sector
- Energy
- Entertainment
- Sports
- Food
- Logistics

### Cloud Native

- AI / ML Based threat profiling
- Multi cloud deployments
- Low false positives
- Fast and easy onboarding

Proven Scenario of protecting Major Indian Airports and Hospitals from DDoS Attacks

Innovation Leader in Leadership Compass



www.prophaze.com