Soluţii româneşti de securitate premiate

ARTS
Arta de a trai in siguranta

Delivering Highly Reliable, Real Time Information...Makes The Difference

SECURITY MANAGEMENT PLATFORM

SMART MONITORING

PROPOSAL FOR
CLIENT NAME

WHO ARE WE

CAVI – MAIN FUNCTIONALITIES

APPLICATION STRUCTURE – CAVI MODULES

CAVI MANAGEMENT – STAND ALONE OR INTEGRATED MODULE

TECHNICAL FEATURES

01 BUILDING TECHNOLOGIES
Project Design
Project Development
Electrical Engineering
HVAC
Sanitary Installations

02 ENTERPRISE PLATFORMS
Smart Monitoring
Fleet Management
Sales Force Automation
Mobile App Platforms

03 FACILITY MANAGEMENT
Technical Maintenance
Security systems
Low currents installations
Other value added services

04 SYSTEM INTEGRATOR
Banking Security Systems
Building Management Systems
Hospitality Systems
Urban Surveillance
Traffic Management

05 IT & DATACENTER
Design
Development
Maintenance
Network Planning
Consulting

GLOBAL TECHNICAL SYSTEMS — **SYSTEM INTEGRATION**

SOFTWARE DEVELOPMENT — GLOBAL INTELLIGENCE

GLOBAL TECHNICAL SERVICES — **SECURITY SYSTEMS SPECIALIST**

CAVI SMART MONITORING

SOLUTION DESCRIPTION

CAVI SMART MONITORING represents an advanced web-based solution for monitoring and management of integrated security systems: INTRUSION DETECTION, CCTV, ACCESS CONTROL and FIRE DETECTION, designed for large, multi-location enterprises.

MANAGEMENT & MONITORING

The system allows for real time communication with field equipment, gathering information regarding all monitored systems.
SMART CAVI enables decision making through instant access to real time data gathered from multiple devices, generating intelligent historical reports that convey a necessary tool for planning at executive levels.

01 **ONLINE COMPONENT**
Real time monitoring and management of equipment

02 **OFFLINE COMPONENT**
ERP tailored for Security Departments

03 **UNIFIED DISPATCH CENTER**
Manage all location from one central dispatch center

04 **MODERN TECHNOLOGY**
Take advantage of what modern computer technology can provide to your business

MEASURABLE IMPACT

CAVI represents the integration of management and monitoring, which translates into benefits across all stakeholders, from shareholders to managers and clients.

APPLICATION MODULES

Mentenanta ISU

Pierderi conexiune Unitati

Pierderi conexiune ATM

Unitati CheckList

Utilizatori CheckList

CAVI CORE

Rapoarte securitate

Raport TVCI

Fisiere incarcate

Evenimente reale

Posturi paza

KPI Unitati

KPI ATM

CAVI MONITORING

Buget - Plati noi

Buget - Comenzi

Raportare multianuala(buget)

Raportare utilizatori(buget)

Mijloace fixe

CAVI VIDEO

CAVI

CAVI REPORTING

Echipamente ATM

Echipamente control acces

Echipamente router

Echipamente back-up

Desfasurator interventii(unitati)

Plati interventii(unitati)

Fise deschise(unitati)

CAVI MANAGEMENT

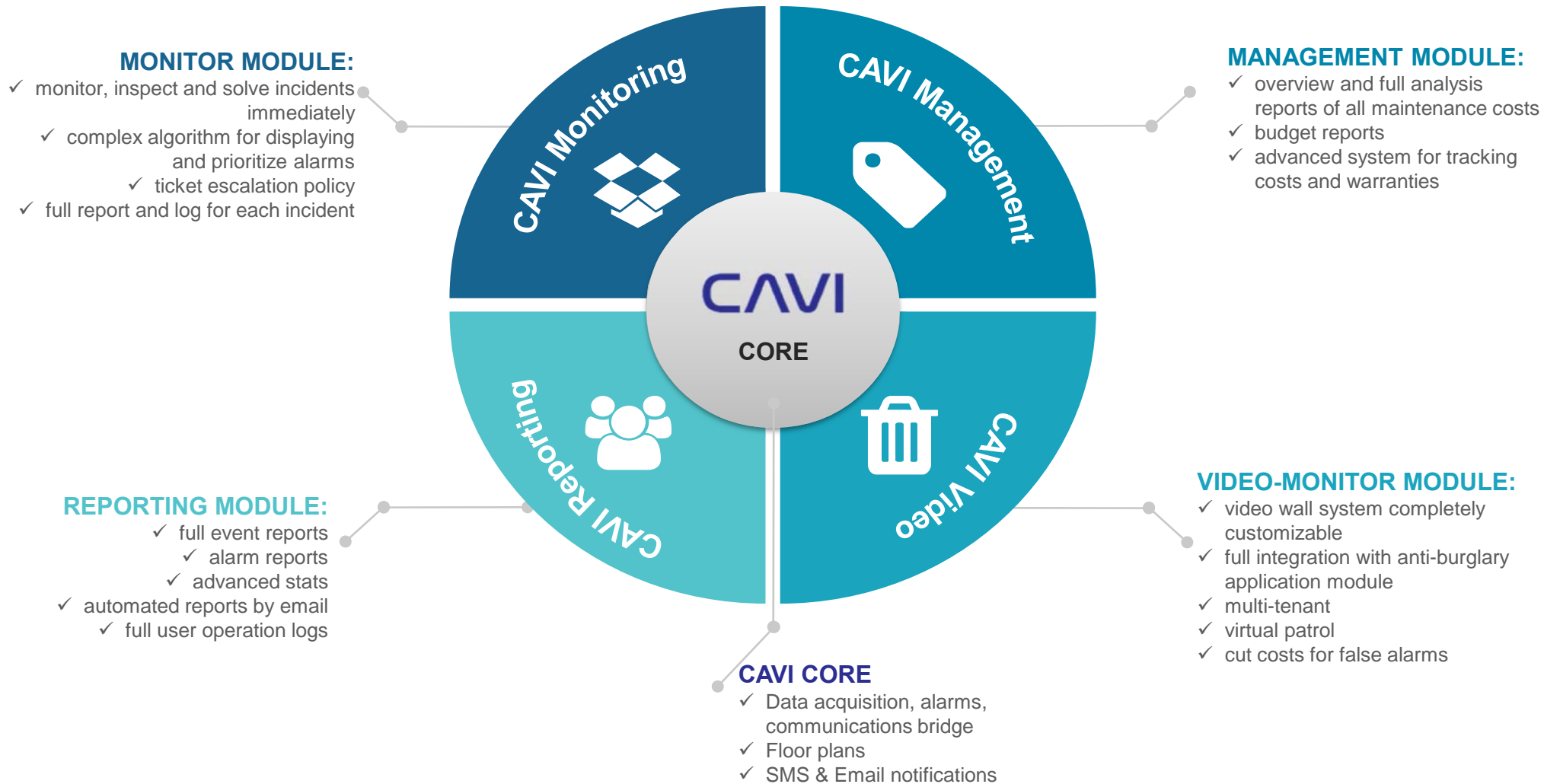Revizii neefectuate(ATM)

Fisier personal
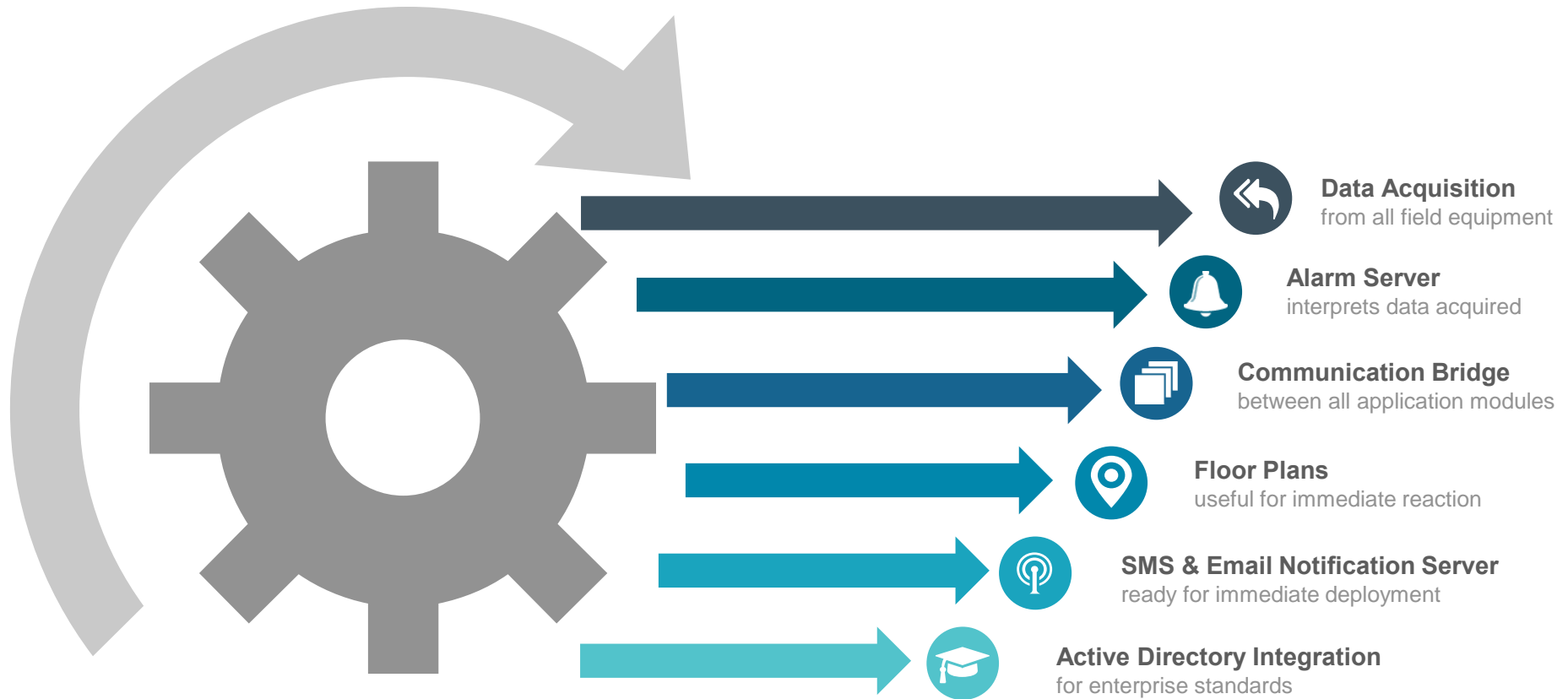
Personal retea

Actualizare CA

Personal unitati

Personal centrala

Istoric centrala(personal)

APPLICATION STRUCTURE
CAVI MODULES

MONITOR MODULE:
- ✓ monitor, inspect and solve incidents immediately
- ✓ complex algorithm for displaying and prioritize alarms
- ✓ ticket escalation policy
- ✓ full report and log for each incident

MANAGEMENT MODULE:
- ✓ overview and full analysis reports of all maintenance costs
- ✓ budget reports
- ✓ advanced system for tracking costs and warranties

REPORTING MODULE:
- ✓ full event reports
- ✓ alarm reports
- ✓ advanced stats
- ✓ automated reports by email
- ✓ full user operation logs

VIDEO-MONITOR MODULE:
- ✓ video wall system completely customizable
- ✓ full integration with anti-burglary application module
- ✓ multi-tenant
- ✓ virtual patrol
- ✓ cut costs for false alarms

CAVI CORE
- ✓ Data acquisition, alarms, communications bridge
- ✓ Floor plans
- ✓ SMS & Email notifications

CAVI Monitoring

CAVI Management

CAVI Reporting

CAVI Video

CAVI
CORE

CAVI CORE

Data Acquisition
from all field equipment

Alarm Server
interprets data acquired

Communication Bridge
between all application modules

Floor Plans
useful for immediate reaction

SMS & Email Notification Server
ready for immediate deployment

Active Directory Integration
for enterprise standards

CAVI CORE represents the base of all CAVI implementations, being the center of the application, where all alarm, distribution, user management, notification and much more mechanisms are built.
All other modules communicate with CAVI CORE, which processes the data and transmits relevant information to the platform user interface. As all other components of the application, the CAVI CORE takes advantage of all modern software technology, making it incredibly fast, reliant and scalable

MONITOR MODULE

REAL TIME MONITORING
Monitor the state and events of all field equipment and communications

ALARM ESCALATION
Complex algorithm for displaying and prioritizing alarms

INTRUSION DETECTION
Monitor and manage most intrusion detection systems

ACCESS CONTROL
Monitor and manage most access control systems
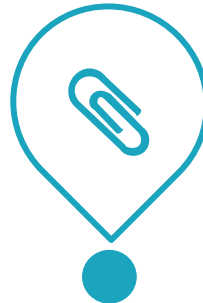
FIRE
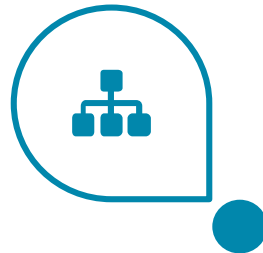Monitor and manage most fire detection systems

FEATURES

COMPONENTS

VIDEO MODULE

MULTI TENANT
Multiple users can operate the Video features and Video Wall system

INTEGRATION WITH OTHER MODULES
Prevent/React to incidents by automatically displaying video feed at predefined event types (motion detection, intruder alarms, fire etc).
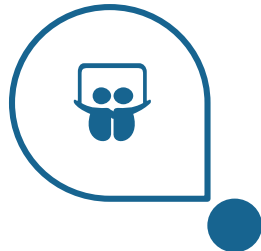
VIRTUAL PATROL
Predefine scenarios for single / multi camera tours acting as either substitute or back up for physical guards, increasing reliability and decreasing resources deployed.
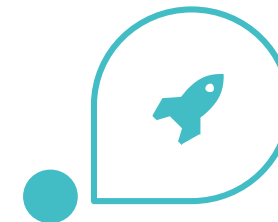
VIDEO WALL SYSTEM
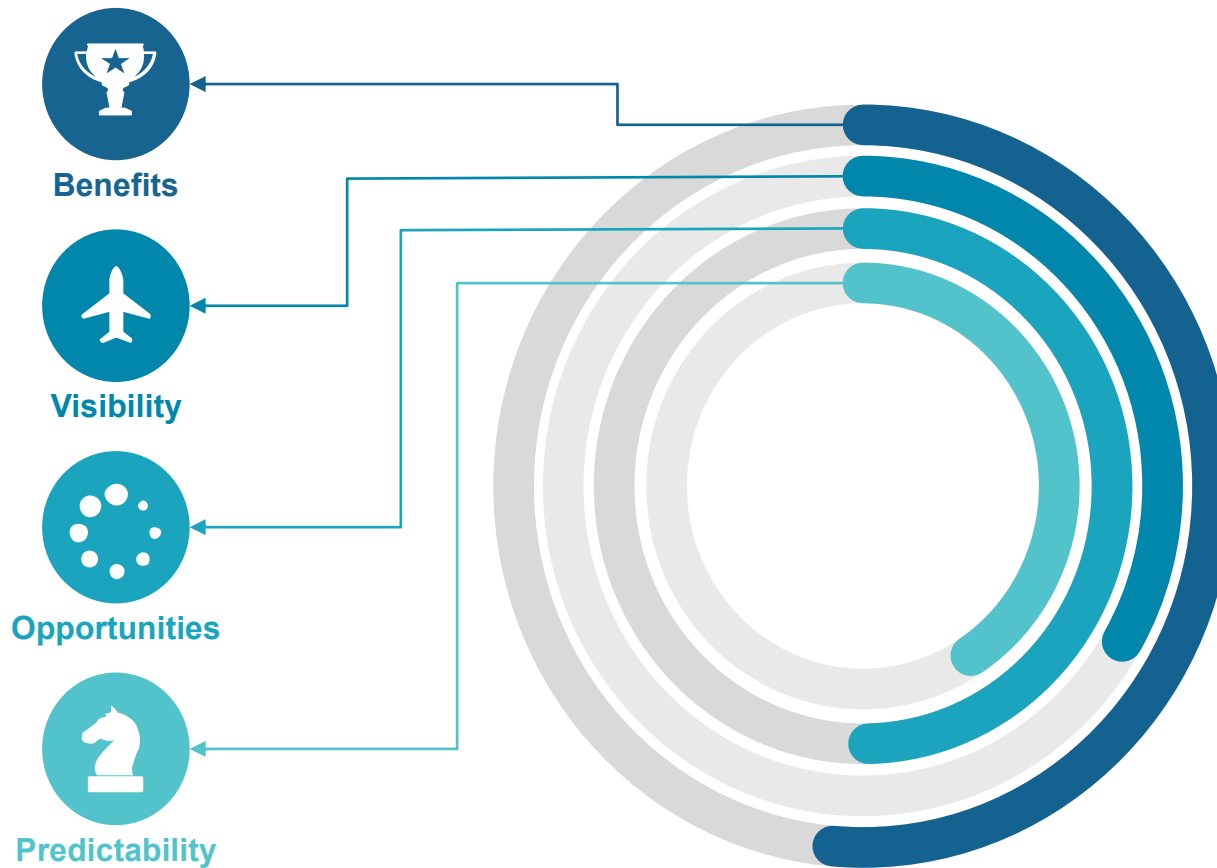Professional Video Wall system completely customizable

COST REDUCTION
Video evidence is proven to be the best tool for incident verification and false alarm identification

**ANALOG, ANALOG-HD AND IP SYSTEMS SUPPORTED
OPEN PLATFORM**

REPORTING MODULE

Benefits

Visibility

Opportunities

Predictability

Historical Reports
Full events and operations log, alarm reports.

Business Intelligence
Complex statistics and predefined BI tools for security departments and facility management

Automated Reports
Define reports, users and rules; Automated notifications by e-mail / SMS

Full control and customization
All reports are fully customizable, enabling each decision maker to track preferred indicators

CAVI MANAGEMENT

We have built CAVI Management as a collection of functionalities that can work independently, but truly reveal their full scope when interconnected:

MODULE 1
Electronic Security Systems Management

MODULE 2
Safety Management (ISU)

MODULE 3
Budgetary Tracking

CAVI

Mentenanta ISU

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Pierderi conexiune ATM

Unitati CheckList

Utilizatori CheckList

Evenimente reale

Posturi paza

KPI Unitati

KPI ATM

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Raportare utilizatori(buget)

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Echipamente back-up

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Plati interventii(unitati)

Fise deschise(unitati)

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Istoric centrala(personal)

MODULE 1
ESS MANAGMENT

ESS DATABASE
Asset Management
Warranty Tracking

INTERVENTION CHART
Track all incidents, from occurrence to notification of supplier and remedy
Upload related files
Advanced priority algorithms

LOCATION CHART
Visibility over all legally required documents, plans, assets and interventions for each location

CONTRACT MANAGEMENT
Define contracts, tariffs and plans; Track SLAs and costs per intervention and supplier

REPORTING
Define and generate custom reports
Automatic alerts by Email or SMS

MODULE 2
SAFETY MANAGEMENT - ISU

SAFETY EQUIPMENT DATABASE
Asset Management

Warranty/Expiration date Tracking

LOCATION CHART
Visibility over all legally required documents in relation with ISU

AUTHORITIES MANAGEMENT
Tracking of controls and other authority-related activities

Upload files related to each activity

CAVI MANAGEMENT

MODULE 3
BUDGETARY TRACKING

BUDGETS
Set annual budgets, budgetary chapters and subchapters

Track execution

ORDERS
Upload offers from Suppliers

Create, manage and validate orders

FIXED ASSETS
Interconnection with accounting systems

Track amortizations

Graphical representations

PAYMENTS
Define, manage and authorize payments

Custom access level for each user

TECHNICAL FEATURES

CAVI Smart Monitoring brings the best in modern software technology to corporate environment, enabling both the flexibility and speed of new software applications as well as reliability, redundancy and security of traditional enterprise software.

KEY FEATURES

INFRASTRUCTURE

CAVI

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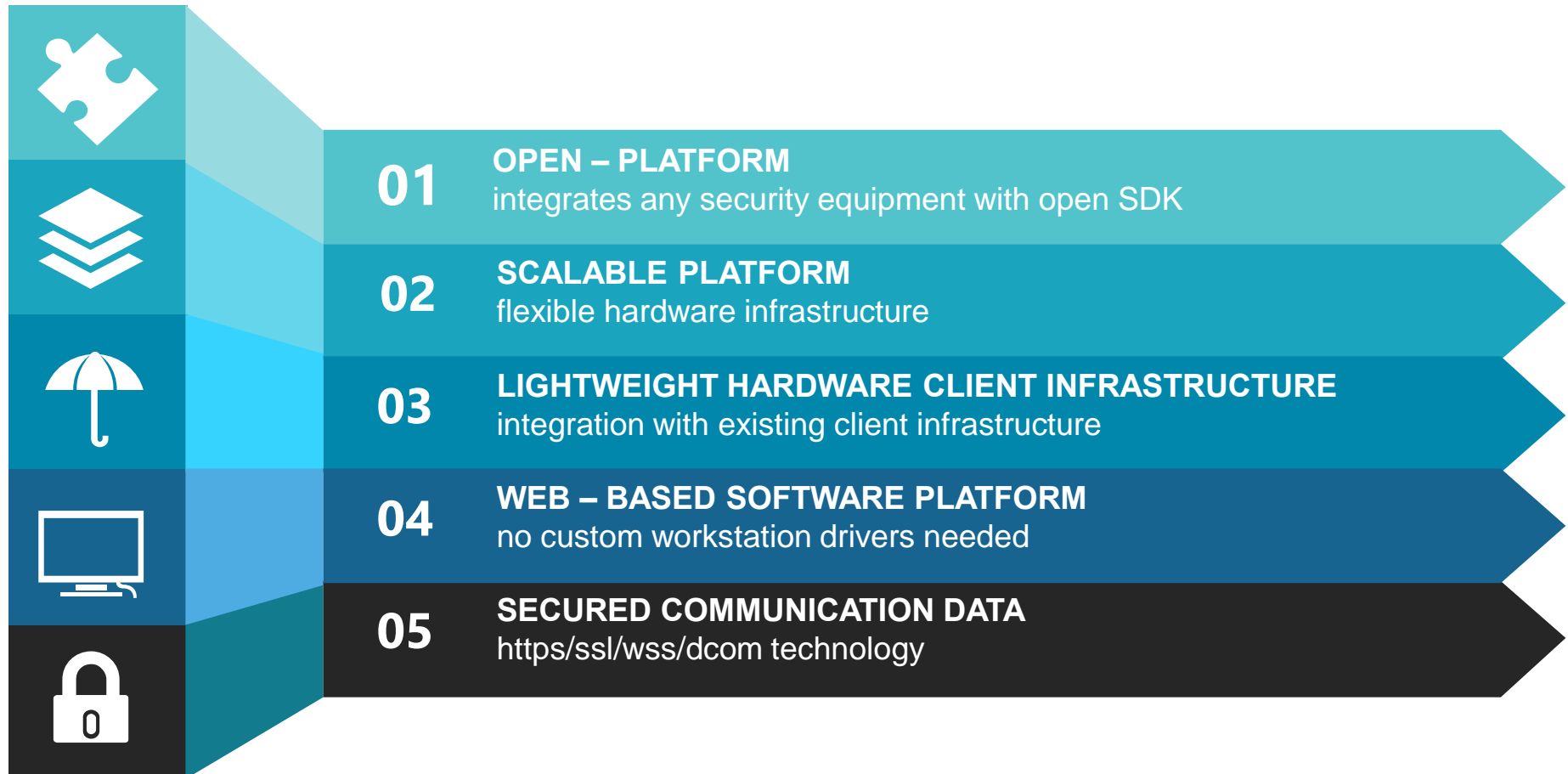
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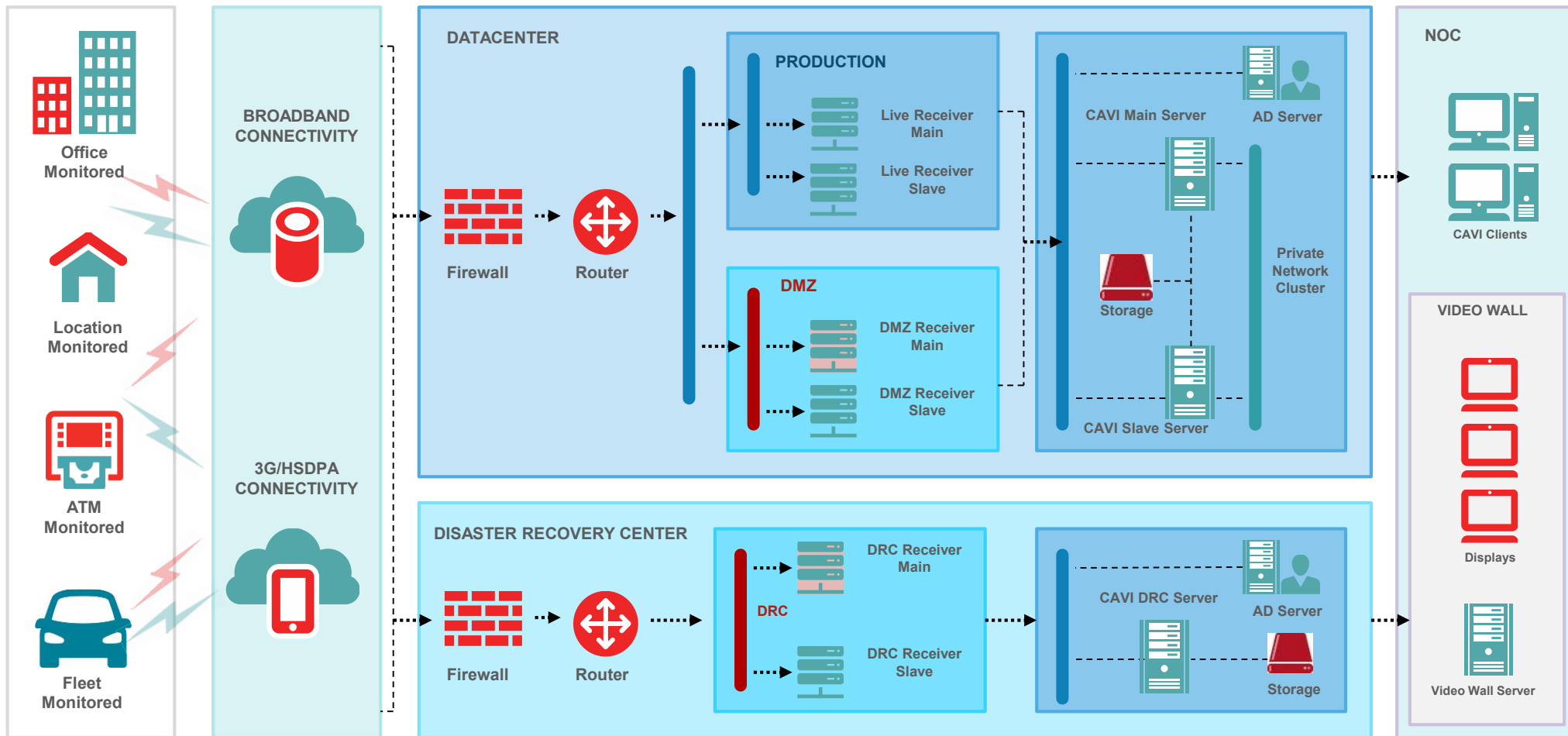
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KEY FEATURES

01 — **OPEN – PLATFORM**
integrates any security equipment with open SDK

02 — **SCALABLE PLATFORM**
flexible hardware infrastructure

03 — **LIGHTWEIGHT HARDWARE CLIENT INFRASTRUCTURE**
integration with existing client infrastructure

04 — **WEB – BASED SOFTWARE PLATFORM**
no custom workstation drivers needed

05 — **SECURED COMMUNICATION DATA**
https/ssl/wss/dcom technology

INFRASTRUCTURE
-example-

SMART MONITORING