INTEGRATED SESURITY SYSTEM

PROJECT SHOWCASE

THE NEED

WE BUILT SECURITY

About Us

We are passionate about providing results based on the values of Sustainable Security. We work very closely with all involved groups of our clients to integrate those values into the Security design and create the conditions for the enjoyment of the highest social good of Security.

We remain informed of all developments in the industry, both in Risk Management and electronic Security & Control systems. Thus, we are able to meet any challenge and complex task assigned to us, with the help of a wide range of partners.

SUBSYSTEMS PORTFOLIO

MANY SUBSYSTEMS. ONE SYSTEM

01 PIDS

Perimeter Intrusion Detection Systems with Thermal cameras with VA/LiDARs & Fence detection system, are creating the first two layers of Security

02 IDS

Intrusion Detection System at all building entrances and windows, is creating the third layer of Security

07 PSIM

The Physical Security Information Management software integrates all subsystems in one, meaningful and trustworthy, Integrated Security System

03 ACS

Access Control System for more than 80 doors offer an extra layer of Security

06 PAS

Public Announcement System for the perimeter and LED lighting

04 VMS

Cameras are offering Video Verification of every PIDS & IDS detector and general views of high criticality areas

05 FAS

The Fire Alarm System covers all national laws, international standards and corporate policies

EVENT BASED RESPONSE

SPOTLIGHT AT THE CRITICAL EVENTS

Initial Response

Faster. More efficient and accurate, because of the wealth of information around the event

Response's Assessment

Is everything OK? Assessment of the response's results in seconds

Escalation

If the initial response or the result wasn't the predefined one, the escalation is instantaneous

Audit Trail

What really happened? Visual, audio and text audit trails are available for further investigation.

VIDEO VERIFICATION

PERFECT RESULTS

Reducing Security Resources

98% reduction of monitor-spent time for Guards. They are able to perform other security-related tasks.

Reducing False Alarms

Minimal False Alarm Ratio (FAR), since the real events are the only ones that get further response

Maximizing Probability of Detection

With Video Verification, the need for detectors with a great Probability of Detection (PoD), can be fulfilled

Improving Security

Responding to real attempts in a reduced timeframe improves security. Moreover, audit trails available for every event are ready

PERIMETER

EXCELLENT APPROACH

Thermal Cameras

Video Analytics on thermal imaging and/or LiDARs provide a robust solution for detection abnormal activity outside the fence, without the constraints of GDPR

PTZ cameras

They provide video verification on the thermal and LiDAR events. They are linked with them, and they pinpoint the exact area of detection

Outstanding Fencing

Rigid fence has been built up to the full length of the perimeter, with full height turnstiles for the entry points. Broad illumination and equipped with a PA system.

Associated CCTV cameras

A set of fixed cameras are associated with the fence detection system. Every zone in alarm provides image sequences for the time and place of the alarm

Fence Detection System

Any attempt to climb or destroy the fence is detected

LAYERED DEFENCE

FOUR LAYERS OF DEFENCE

1st layer: Thermal & PTZ Cameras

Usage of thermal/LiDARs and PTZ cameras to detect approach to the fence and focus on the point of approach.

2nd layer: Fence Detection System & Fixed Cameras

Usage of on-fence detectors and associated fixed cameras to detect breach attempts and visually confirm the incident.

3rd layer: Intrusion Detection System & Fixed Cameras

Usage of detection devices at all possible entrances of buildings and associated fixed cameras to detect intrusion attempts.

4th layer: ACS & Fixed Cameras

Usage of access control system at all possible entrances of buildings and associated fixed cameras to detect tailgating or forced entry attempts.

PSIM SOFTWARE

SITUATIONAL AWARENESS

Collect

Device management independent software, collects data from any number of disparate security devices or systems.

Analyze

The PSIM analyzes and correlates the data, events, and alarms, to identify the real situations and their priority.

Verify

PSIM software presents the relevant situation information in a quick and easily-digestible format for an operator to verify the situation.

Resolution

The system provides Standard Operating Procedures (SOPs), step-by-step instructions based on best practices and an organization’s policies and tools to resolve the situation.

Reports

The PSIM software tracks all the information and steps for compliance reporting, training and potentially, in-depth investigative analysis.

REDUNDANCY

FAILURE IS NOT AN OPTION

Duplication of critical components or functions of the system, in the form of a backup or fail-safe, thus improving the actual performance and increasing the reliability of the system

Full double-UPS coverage	**100%**
Double Servers and Clients PCs	**100%**
Spare part Inventory. 15% of devices available at the site. 10-year, 24/7 Maintenance Contracts with a 4hour timeframe	**100%**
Manual handling process of every subsystem, in case of software failures	**100%**

SUSTAINABILITY

SUSTAINBLE SECURITY

Aim No 1

User-friendly system, with the protection of people at its core

Aim No 2

Creation of an environment in which people continue to interact safely, but without restrictions on their creativity

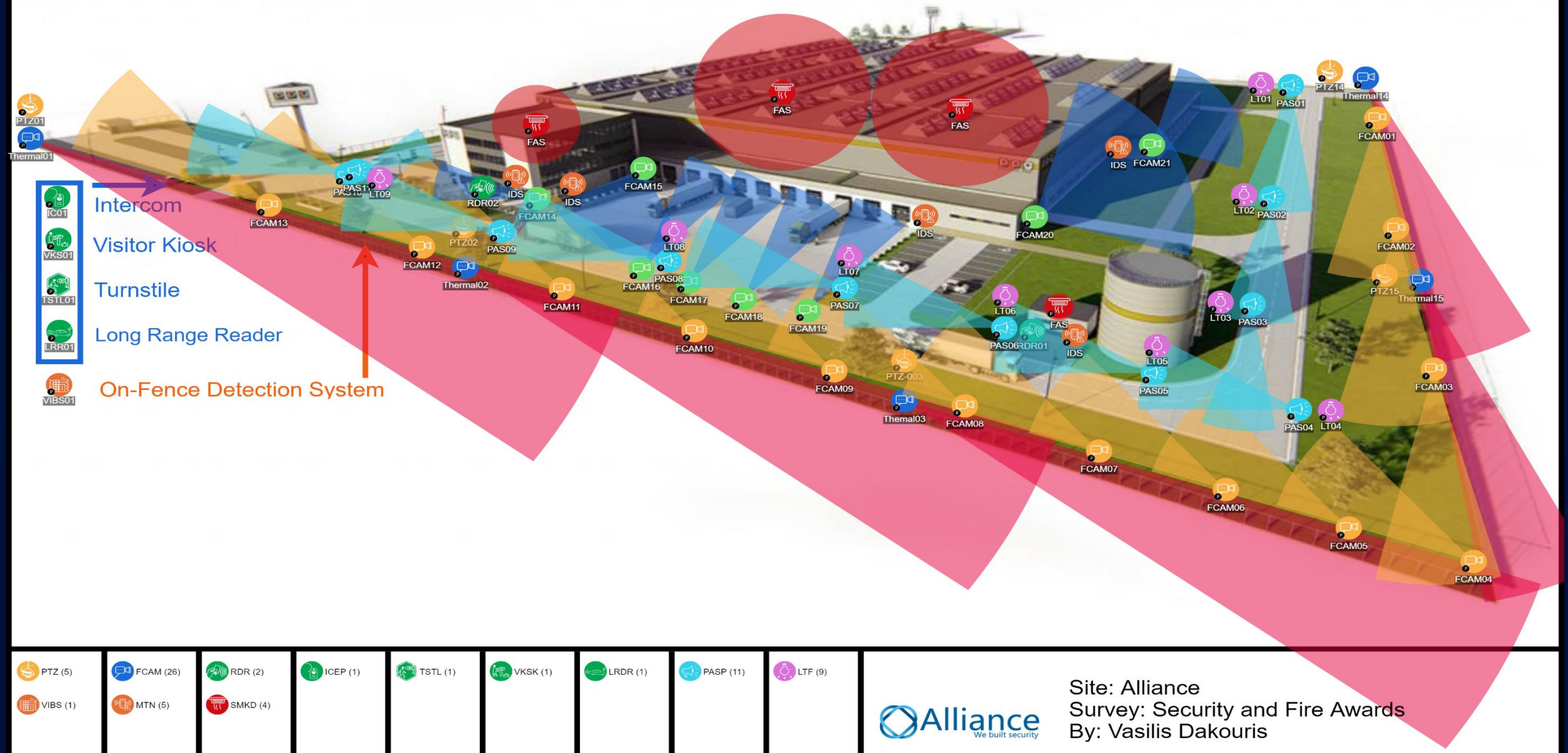
Aim No 4

Environmental-friendly and innovative, but innovation must serve the principles of sustainability. Which are, the environmental issues but also its socio-economic aspects

Aim No 3

Efficient and with increased lifespan, so as to reduce its change interval, and therefore the need to consume additional resources

Systems Design (Exterior)

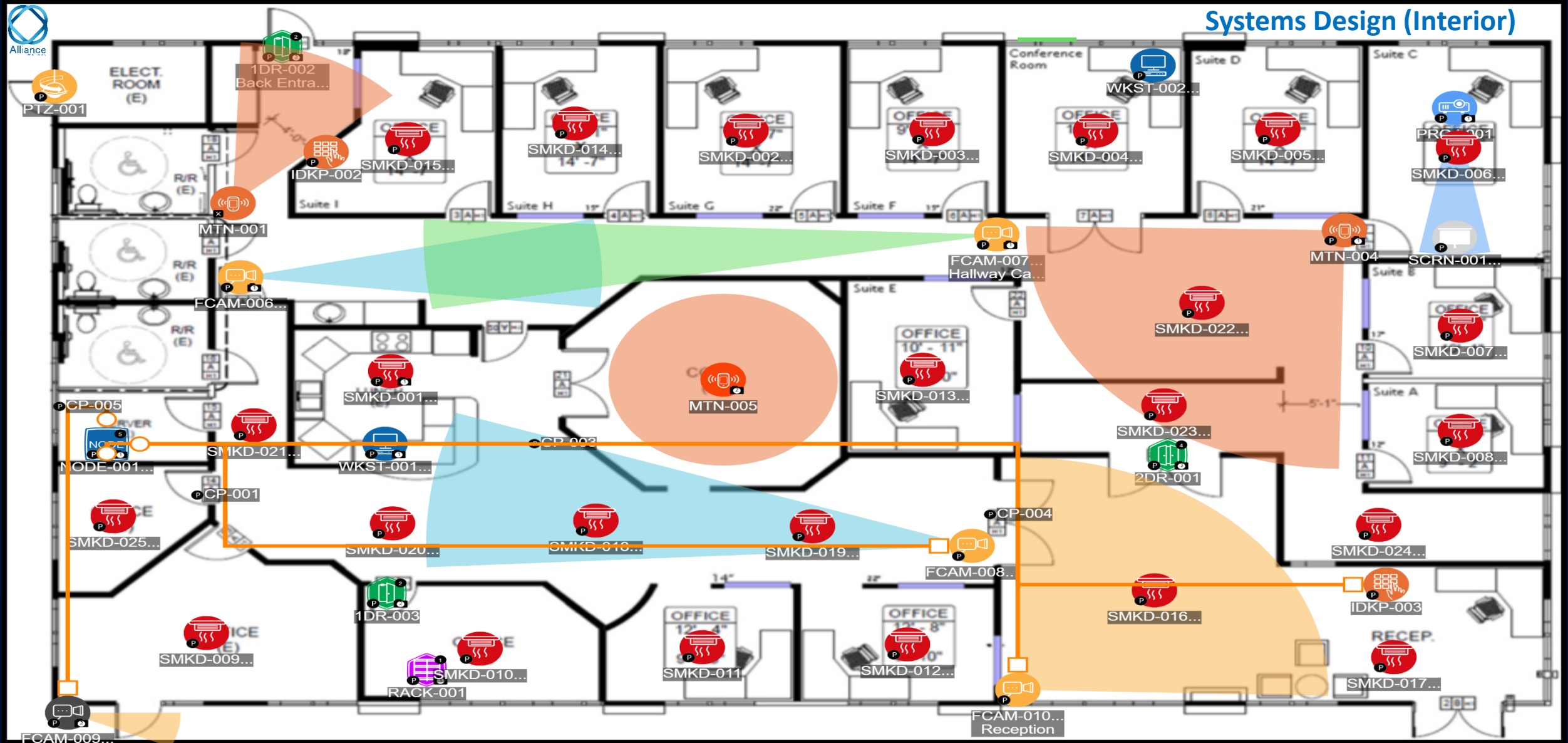


PTZ (5)	FCAM (26)	RDR (2)	ICEP (1)	TSTL (1)	VKSK (1)	LRDR (1)	PASP (11)	LTF (9)
VIBS (1)	MTN (5)	SMKD (4)						

Alliance
We built security

Site: Alliance
Survey: Security and Fire Awards
By: Vasilis Dakouris
Date: 2025-9-8

Systems Design (Interior)



MTN (3)	PTZ (1)	1DR (2)	ELOK (3)	RDR (3)	IDKP (2)	FCAM (5)	WKST (2)	NODE (1)
NSW (1)	SVR (1)	VMS (1)	ACSW (1)	ACSCAB (1)	SMKD (25)	PROJ (1)	SCRN (1)	2DR (1)
DPS (1)	REX (1)	RACK (1)	UPS (1)	CP (4)				

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Security Premiers for the Organizations!!!

1st time — The concept of video verification

1st time — Thermal cameras/LiDARs with PTZ autotracking and verification

1st time — IDS & PIDS alarms with video verification

1st time — PSIM with multiple subsystems. BMS integration

1st time — Excessive Documentation & Acceptance testing for a security project

1st time — Automatic & event- based lighting & PA at the perimeter

EHS-related Premiers !!!

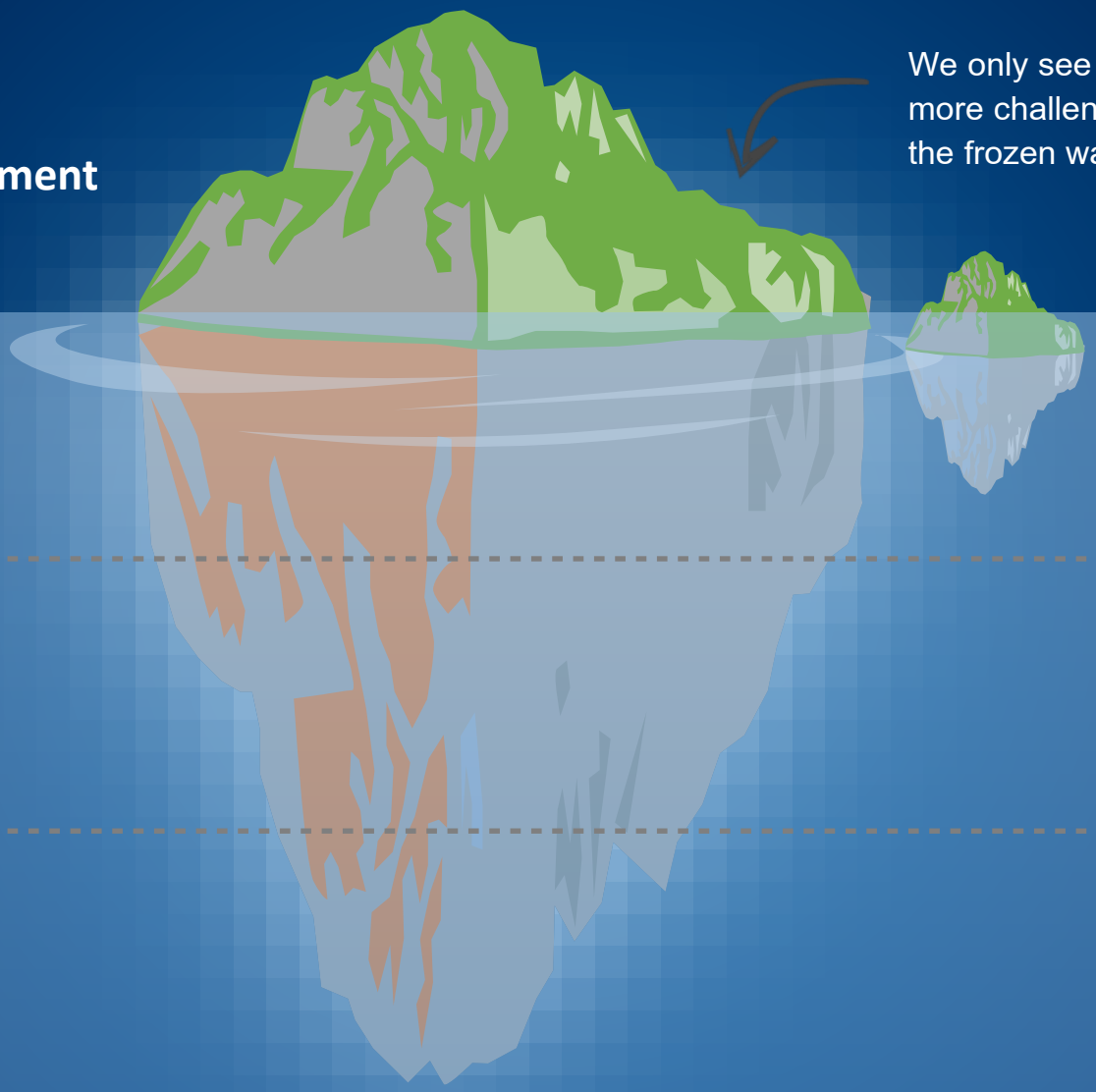
1st time — Mustering with multible credentials & automatic presence calculation

1st time — VA for entry points
VA for pedestrian safety

1st time — VMC connection

The Iceberg

Security Systems Development
Challenge



We only see one challenge, but more challenges are deep inside the frozen water

1 **The Alignment**
Challenge

Security risks are complicated, ever-evolving, multi-dimensional and oftentimes interconnected with many business units

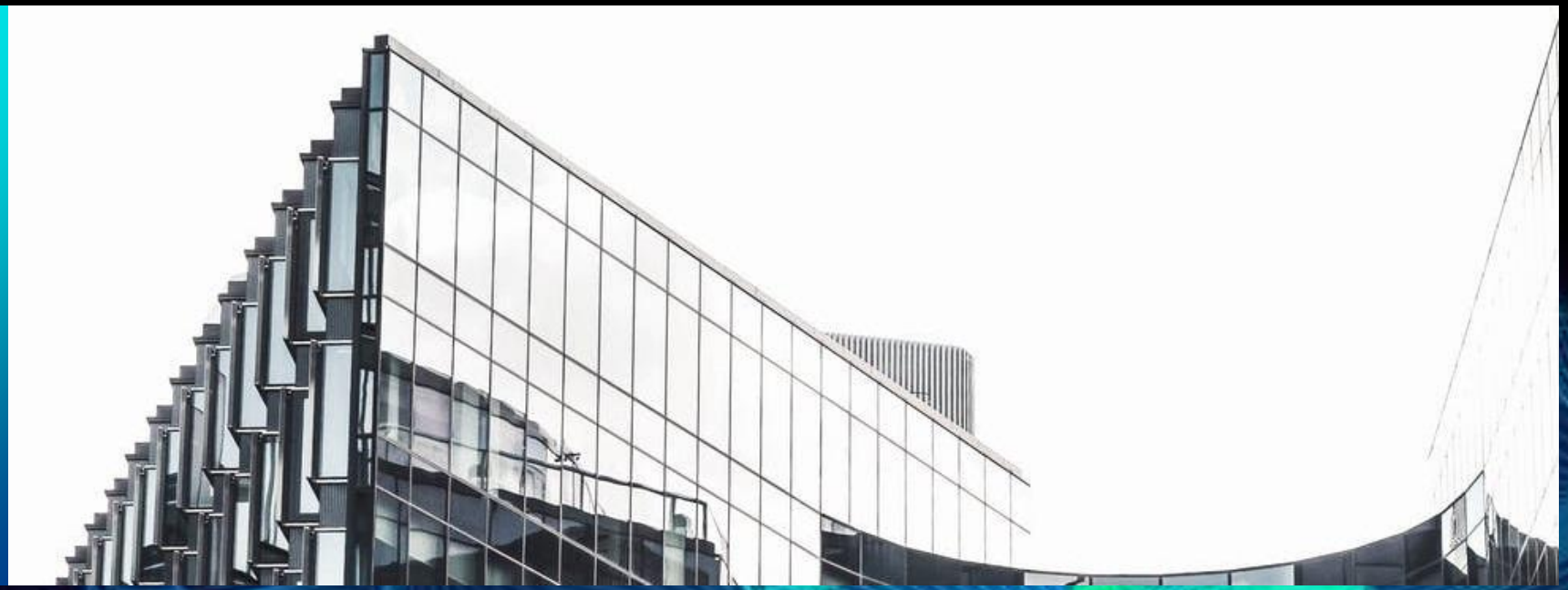
2 **Support procedures**
Challenge

The support concept for new security systems must evolve, as their complexity and criticality has evolved. Key user concept, IT & Engineering participation must be discussed

3 **Security Culture**
Challenge

It is of an outmost importance to nurture a new security culture organization-wide, based on the fact that everyone has a significant role in security.

Get in Touch



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