

Data Security at Palexp

A Global Approach

Dario Mangano, Vice Director, CIO at Palexp

Agenda

- Dario Mangano
- Palexp
- IT @ Palexp
- Global Approach = Layered Approach
- Q & R

Dario Mangano



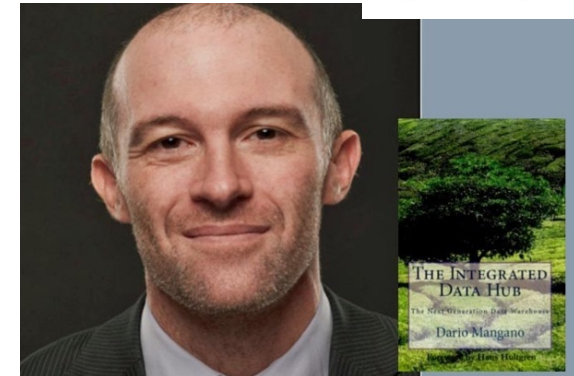
Vice-Director and Chief Information Officer with **Palexpo**, in charge of Information Systems, New Technologies and Business Processes.

Previously Head Of Data Global Services at Nespresso HQ (BI, ECM, Data Management)

Holder of a Ph.D. in Information Systems and a License in Group Dynamics.

Founder of the **Swiss Business Intelligence Network**, **The Swiss BI Days** and **The Swiss BI Awards** events.

Author of the book **The Integrated Data Hub™**, **The Next Generation Data Warehouse** and inventor of the **Leaf Schema** concept.



Palexpo

- A little bit of history

Sarasin countryside 1905



A little bit of history

Some key dates

1905 : 1st national car show

1926 : Building of the old exhibition hall

1968 : The state buys the Sarasin countryside

1976 : referendum against Palexpo denied by less than 1'500 votes

1978 : New Palexpo's buildings started



A little bit of history

Initial surface dubbed



2003-2013

1995

1987

1981

Infrastructure



- 110'000 m² in 7 modular halls
- More than 4'000 places in the 16 rooms of the Congress Centre¹
- 13 rooms in the Villa Sarasin VIP part
- 7 fixes restaurants mobile points of sale according to the activity
- 3,000 parking spaces over the year, 12,000 places according to salons
- A 10 hectares park

Trades



ORGANIZATION

- Own events
- Co-organization



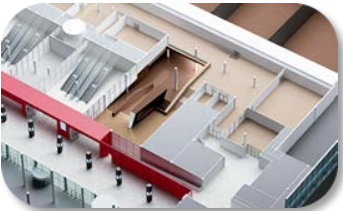
HOSTING OF EVENTS

- Organized by third parties
- Contracts, sales service, logistics, contacts, etc.



SERVICES

- Logistics
- Other: WIFI, ticketing, billing, catering, cleaning, etc.



BUILDINGS

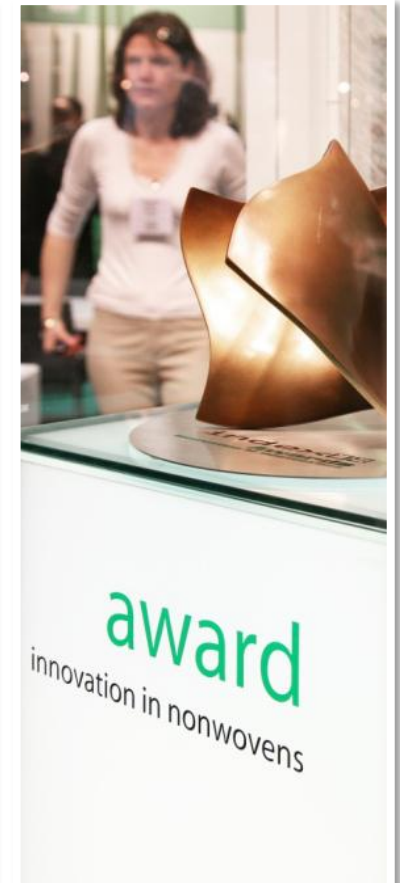
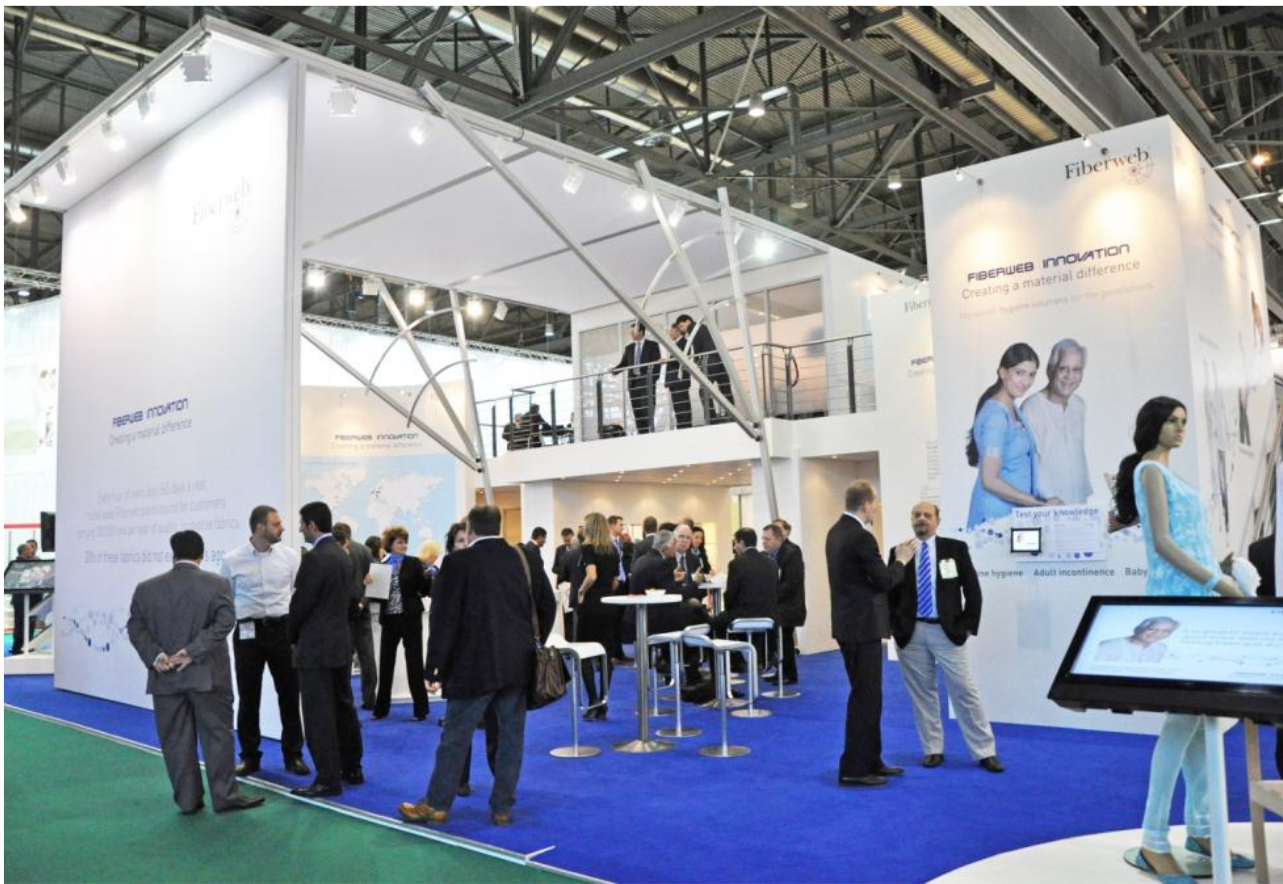
- Infrastructure management
- Renovation plan

International Motor Show



800'000 visitors – 12'000 reporters

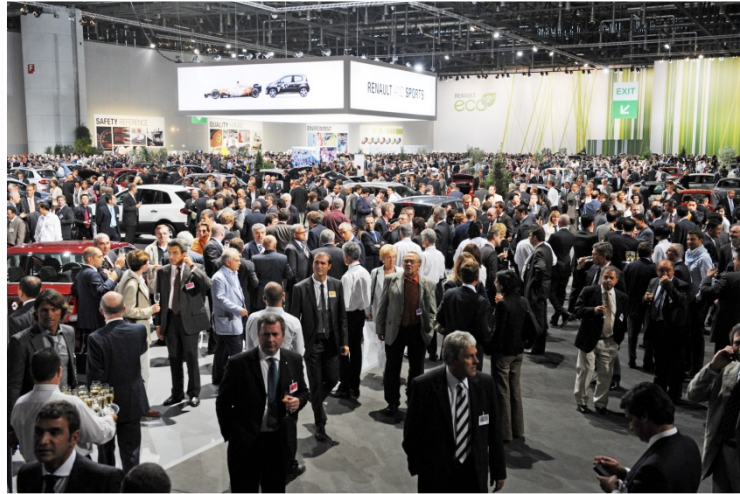
The main world fair of nonwovens



Congresses



Events



The team



IS/IT – Vision and strategy



IS/IT – Vision et Stratégie

VISION

«To be a self-funded Information Systems Department, at the service of both internal and external users, using methods, human resources and material at the cutting edge»

«WE RUN IT AS A BUSINESS»



SII – Vision et Stratégie

STRATEGY

- **P**rofessionalization
- **R**ationalization
- **I**ndustrialization
- **M**onetization
- service **O**rientation



P.R.I.M.O.

IS/IT – Organization



IS/IT

Valentin
Lauber
(Trainee)

Management
Dario Mangano

Strategy
Processes
Budgets Management
People Management
Business Intelligence
R &D

Applications

Web

Infrastructure

Cedric
Strauss

Alexis
Legrand

Cedric
Vercel

Victor
Mora

J.C. Dubois

Yoann
Dauphin

Back-up

Back-up

Back-up

ERP: EBMS
ERP: Ms AX
Databases

Reporting
Data Warehouse

Web Sites
Intranet

Catalogues
Shops
Web Sites
Mobile apps

Infrastructure
Architecture
Security
Back-up DM

User support
Virtualisation

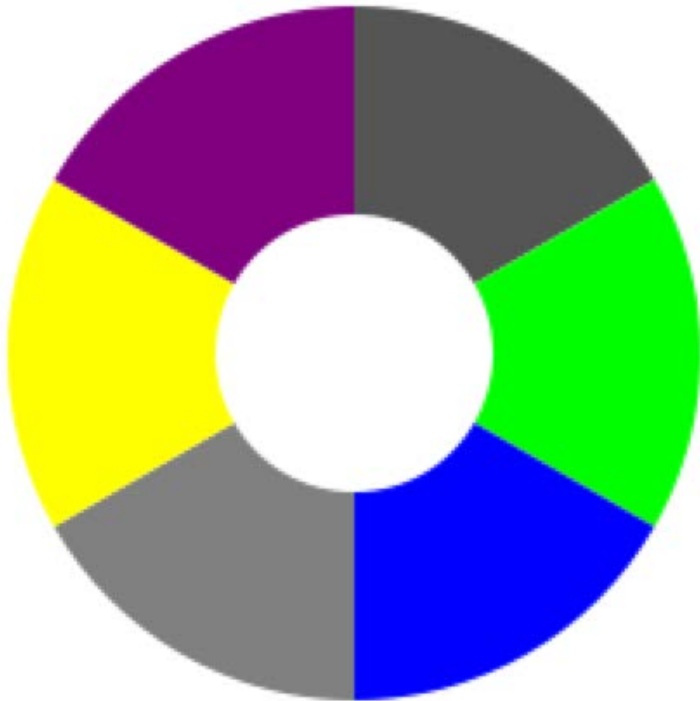
Data security

A Global Approach = A Layered Approach

From Data to Information to Knowledge to Action

- Information is the lifeblood of any organizations.
- As our dependency on computers and technology deepens, so do the risks and threats to those systems.
- These threats range from curious teenagers to disgruntled employees, activists, criminals, industrial and state sponsored spies, terrorists and even nation states engaged in warfare.

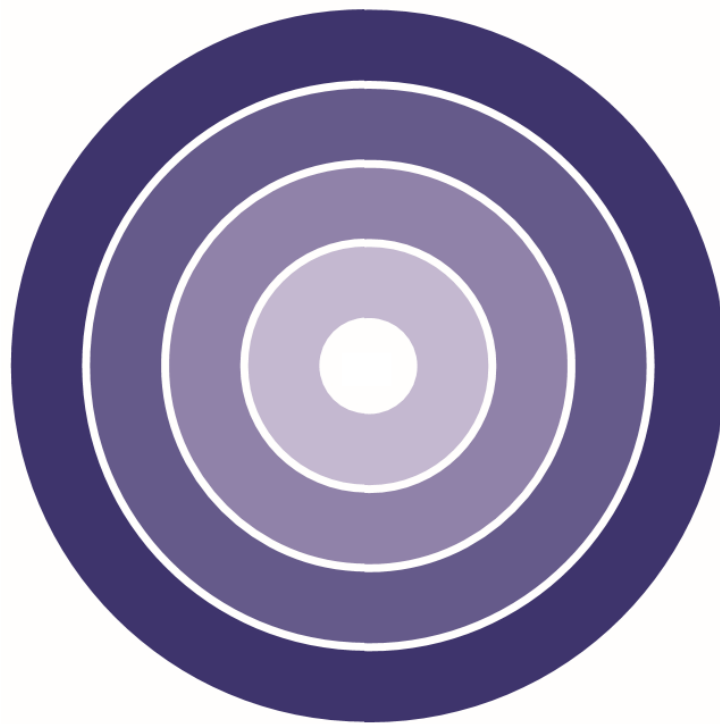
To ensure the security of a company's business-critical information, it is essential to develop a cohesive multilayered strategy to address the threats.



Vs



Organizations need to develop a multilayered security strategy that focuses on the confidentiality, integrity and availability of the information being protected.



APPROACHES TO PRIORITIZATION

- STEP 1: IDENTIFY KEY INFORMATION
- STEP 2: CATEGORIZE INFORMATION
- STEP 3: IDENTIFY THREATS
- STEP 4: ASSESS VULNERABILITIES
- STEP 5: ASSESS THE RISK
- STEP 6: IDENTIFY CONTROLS
- STEP 7: IMPLEMENT CONTROLS
- STEP 8: MONITOR CONTINUOUSLY

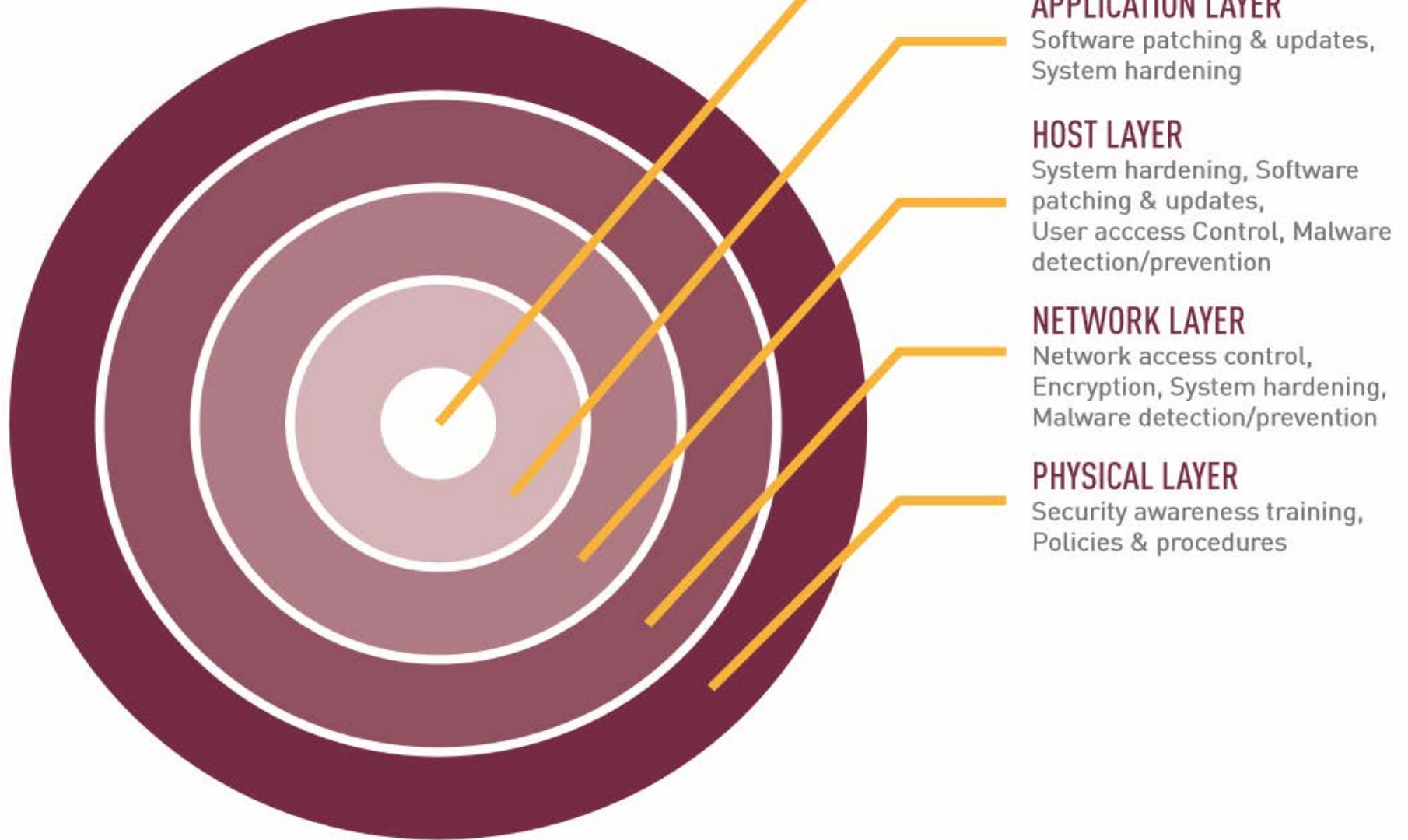
LAYERED SECURITY CONTROL

Controls fall into preventive and detective categories.

PREVENTIVE SECURITY CONTROLS

- MALWARE DETECTION/ PREVENTION
- SOFTWARE PATCHING AND UPDATES
- SYSTEM HARDENING
- USER ACCESS CONTROL
- NETWORK ACCESS CONTROL
- SECURITY AWARENESS TRAINING
- POLICIES AND PROCEDURES
- ENCRYPTION

PREVENTIVE CONTROLS



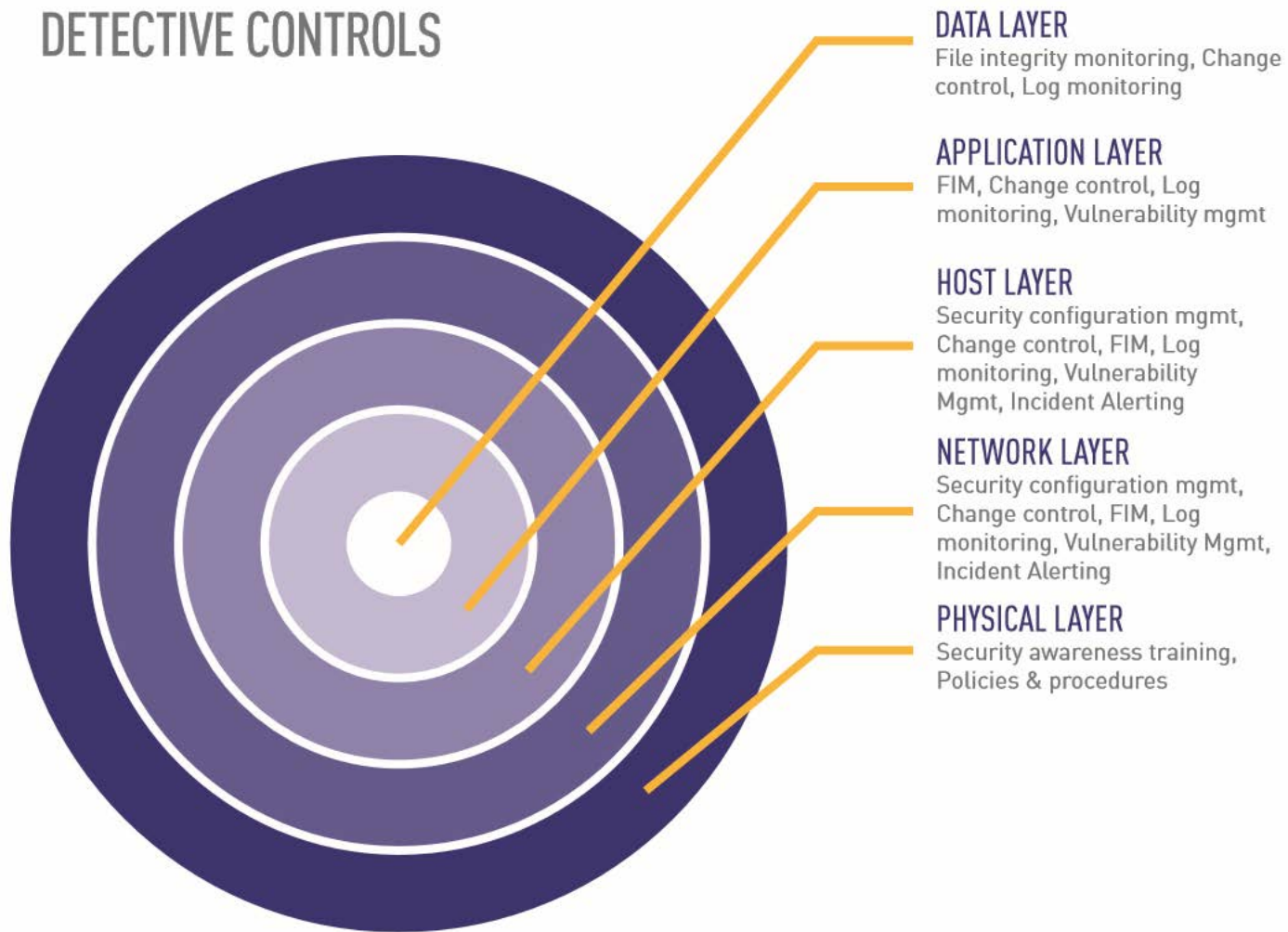
LAYERED SECURITY CONTROL

Controls fall into preventive and detective categories.

DETECTIVE SECURITY CONTROLS

- CHANGE CONTROL
- FILE INTEGRITY MONITORING
- LOG MONITORING
- VULNERABILITY MANAGEMENT
- SECURITY CONFIGURATION MANAGEMENT
- INCIDENT ALERTING

DETECTIVE CONTROLS



CONCLUSION

Now more than ever, information security can no longer be a set-and-forget solution, but instead needs to be effectively developed, thoughtfully implemented, and continuously managed. Only then can organizations have confidence that the information that they and their customers rely on is protected.

May I have your questions ?

Thank you