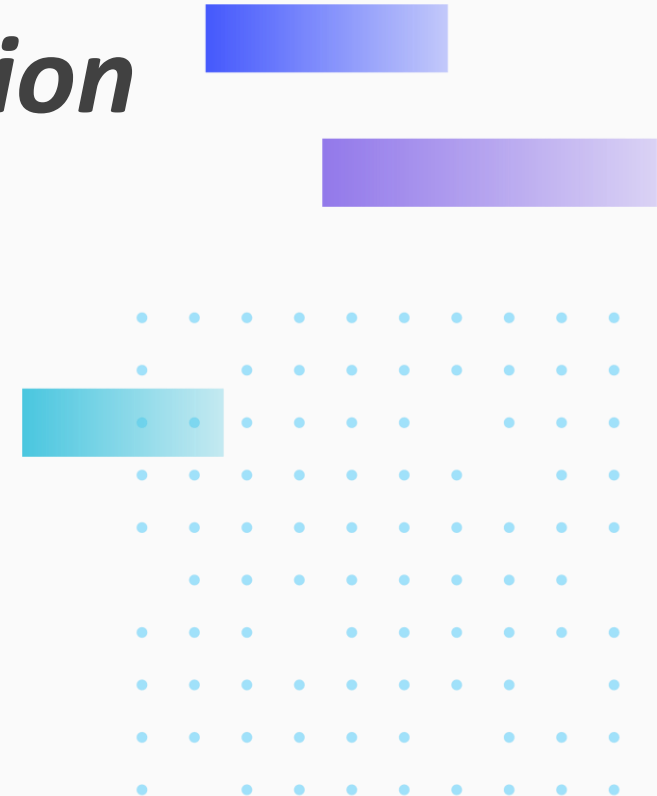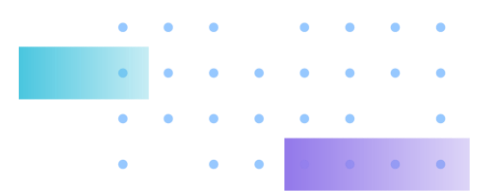# *2021 Executive Report for Information Security Rick Management*

Presenter: Perkins, Director

July 28, 2021

Overall Status

- Optimization for IT Technology and Infrastructure
  - Update Company website architecture
  - Upgrade PC OS to Windows 10
  - Introduce Checkpoint Firewall

- Establish Information Security Policy and Rules
  - Define ISO 27001 Implementation Norms and Rules
  - Define IEC 62443 Implementation Rules

- Protecting important Information Assets and devices
 - Check SAP Account and permission to lower down risk
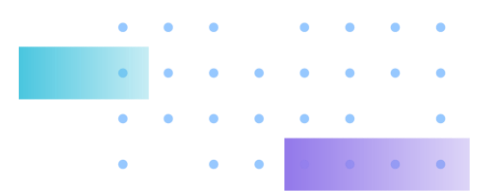
Challenge for 2021

- Website security flaws
  - No major issues, but has 9 minor issues

- National-wide power failure
  - Though without security problem, but influence system availability

- Work From Home
  - Enlarge IT management rage
  - Usability problem due to bandwidth limitation

3
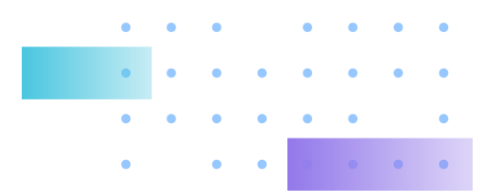
Information Security Policy

- Reinforce information security organization
    - Information security organization has been formed, and it includes following members. It will hold yearly meeting on December to review the execution of information security for that year, and discuss the execution focus on next year.
    - This slide has been reported to board on 2021.7.28

4
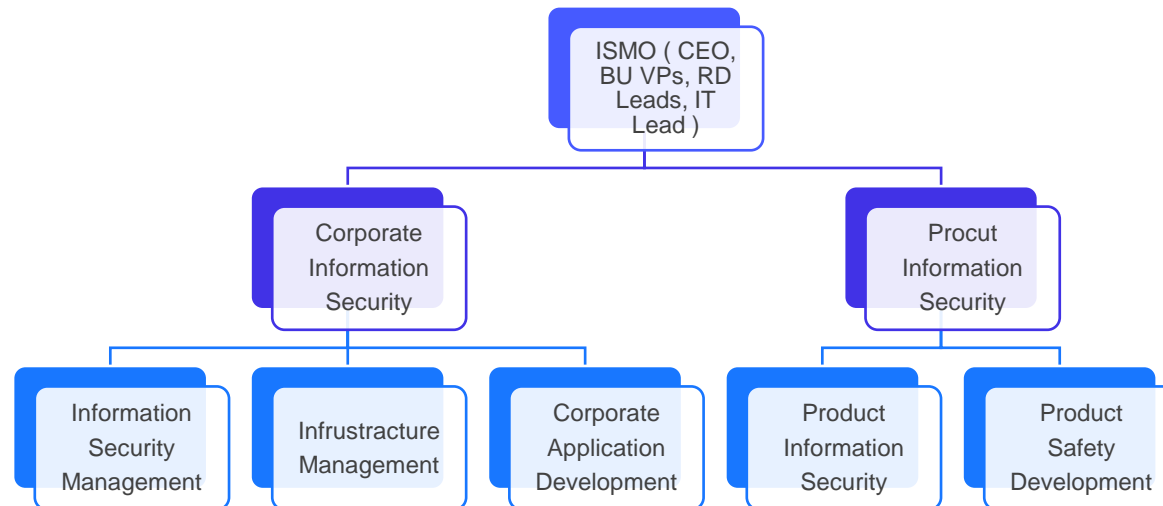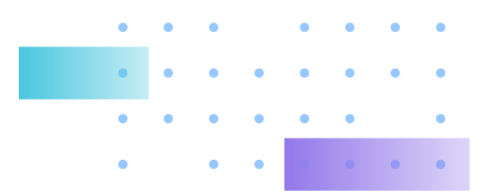
Information Security Policy

- VIVOTEK Information Security Policy
  - Employees of VIVOTEK, Inc. are required to comply with the relevant regulations and policies of information security
  - The Information Service is needed to ensure its availability, confidentiality and integrity.

- Integrate management system and infrastructure

  - Divide system into layers, core layer needs higher security level.
  - Zero trust! Access all systems need to pass authentication.
  - Wiring according to EIA/TIA568
  - Introduce IEC-62443 product development security rules
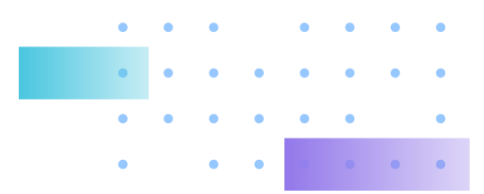
2021 Information Security Promotion

- Training
  - We have a 3-hour information security risk evaluation training online training in this year. There were total 51 attendees.

2021 Information Security Executive Report

- Introduing ISO27001 standard
  - information security risk evaluation training
    - Establish security concepts
      - Basic - Confidentiality、Availability、Integrity、Legality
      - Options - Reliability、Accountability、Identifiable、Undeniable
    - System risk evaluation
      - Identify important systems
      - Identify important levels
      - Apply protection according to the evaluation
  - Enforce base-line protection
    - Server zone firewall upgrade
    - WIFI device upgrade
    - Retire old servers, virtualized and distributed

2021 Information Security Executive Report

- Ensure product could fit customer's information security and internet security expectation
    - Help to review product security design and flaw report processing
    - Introduce IEC62663 ML2 with RD
    - Add log mechanism on R&D server to enable intrusion tracking
    - Introduce safer encryption mechanism to protect video of customers on cloud.

- Others
    - Update website to use new framework and avoid flaws
    - Introduce multi-factor authentication
    - Upgrade O365 to higher level to gain more protection mechanisms.
    - Increase bandwidth to internet to ensure availability.
    - Setup diesel-engine generator to ensure the core system could work even with power failure.

Thank You for Your Attention.

VIVOTEK
A Delta Group Company

We Get The Picture