STANDARD SOLUTION 300-2000 IPC

Alcon Wireless Pvt. Ltd.

ALCON LINK™
BE SMART, BE SECURE

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02 SYSTEM STRUCTURE

03 PRODUCT SELECTION

04 ADVANTAGES

ALCON LINK
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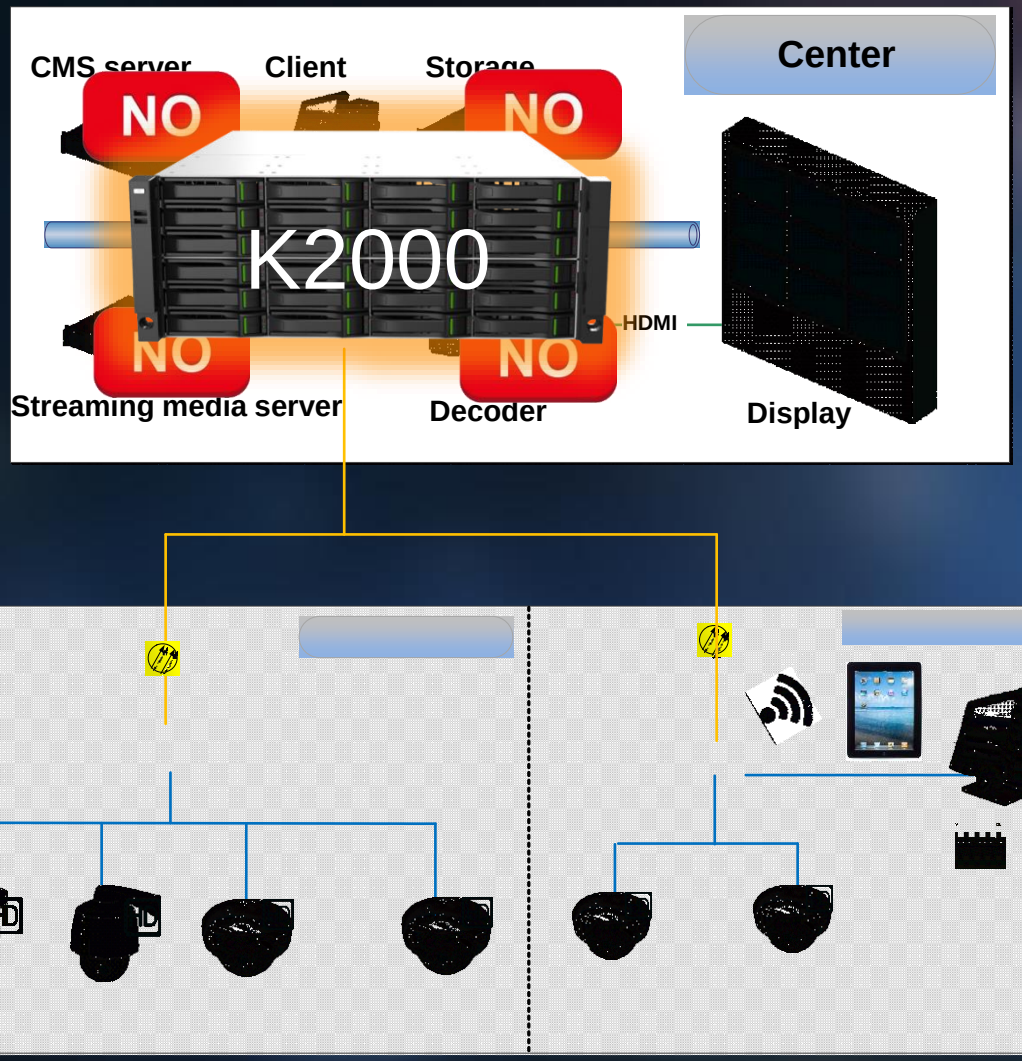
01 BACKGROUND

For a large scenario surveillance, which products are necessary?

WHICH FACTOR AFFECTS OUR CHOICE OF SOLUTIONS MORE?



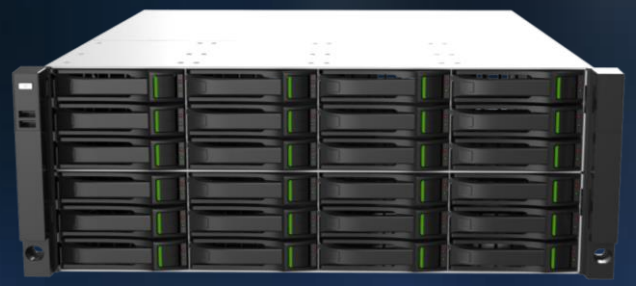
Why the system needs so many equipments?

Our sales team don't know how to choose storage equipment, what should we do?

Our sales team don't know when the streaming server is needed, what should we do?

Our sales team don't know how to choose video wall decoder, what should we do?

Key features of K2000



Appearance

4U height, front install 24 HDD, build-in indicator

Interface

Front-in 2*USB, back-in 2*USB 3.0 . 2*HDMI, 1*VGA, 4*1000Mb Ethernet ports, 1*RS232, Alarm I/O 8/4

Bandwidth

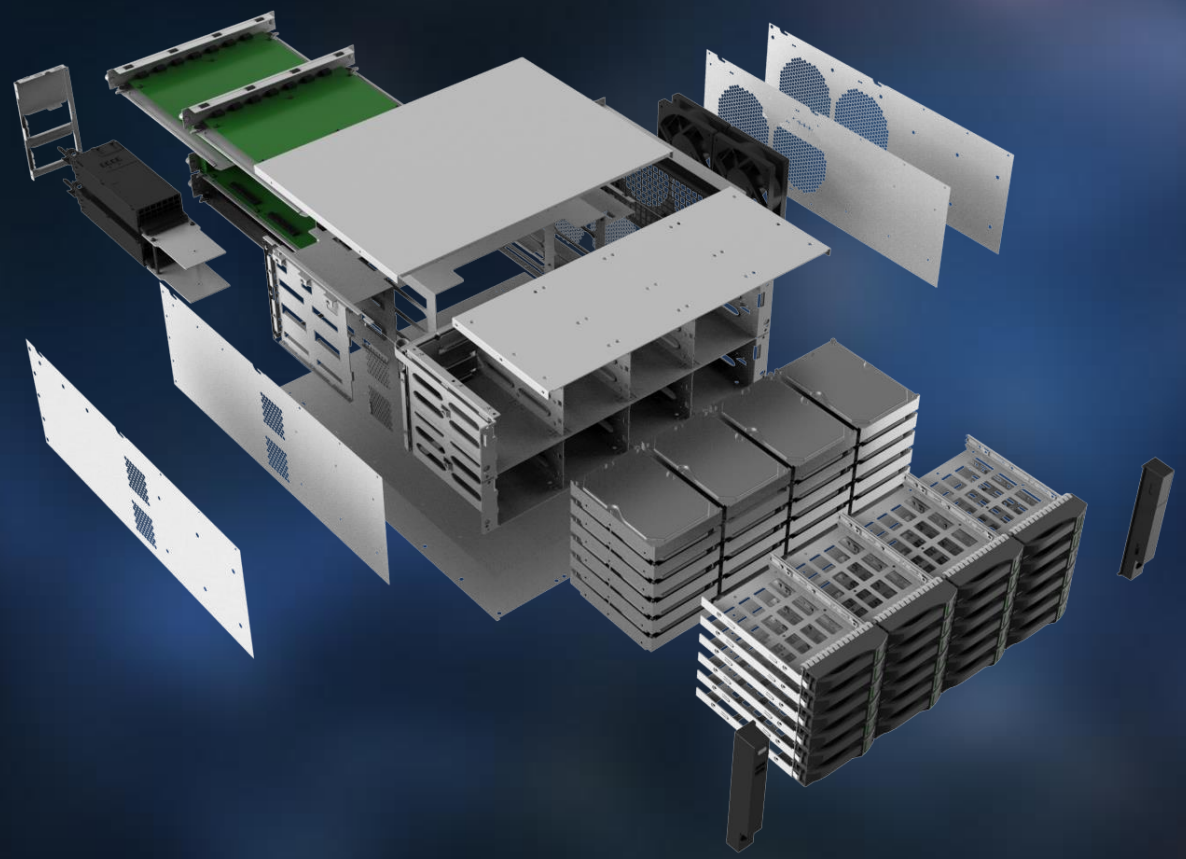
Video input bandwidth 512MB, storage bandwidth 512MB, support 256-ch 2MP recording at the same time

Security mechanism

Standard power supply, support redundant power supply
Support RAID0/1/5/6/10/50/60, efficiently ensure data security

Key features of K2000

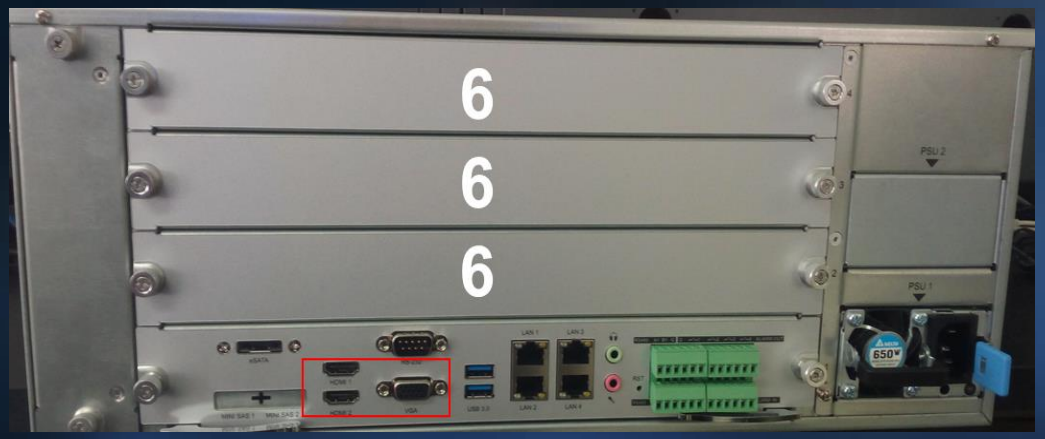
Powerful design



- All hardware modular
- Wireless cables
- “Permeable" heat
- Dissipation design
- Escort the hard drive

Key features of K2000

Powerful decoding ability



Decoding ability

Support 3 decoder boards, maximum support to connect with 21 screens, support video output up to 160-ch*1080p

3 build-in video output interface, 2 of them are simultaneous. Support to connect with 2 screens, video output 16-ch*1080p

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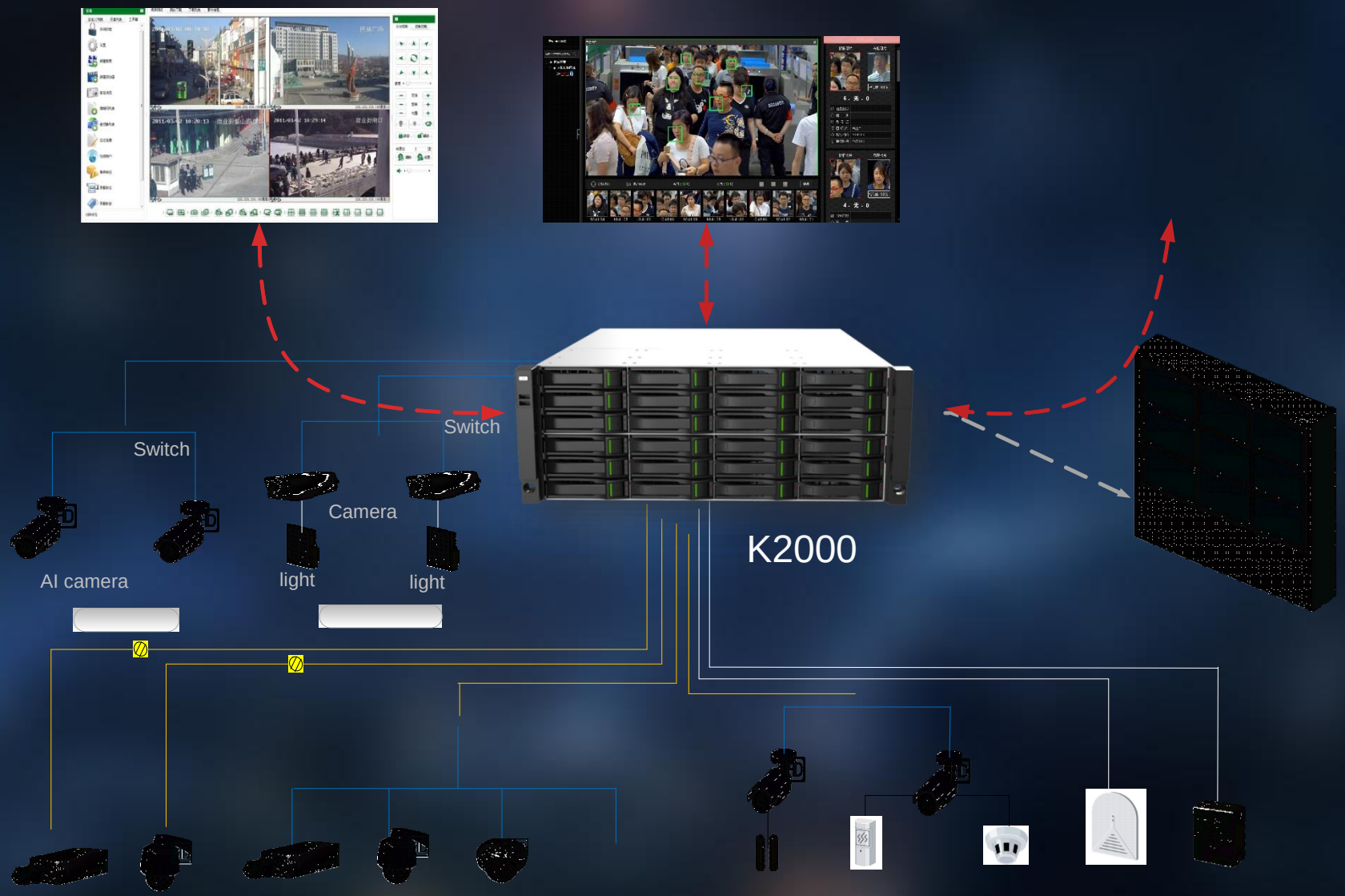
02 SYSTEM STRUCTURE

Stand-alone management system structure

Stand-alone system structure



Stand-alone management system structure

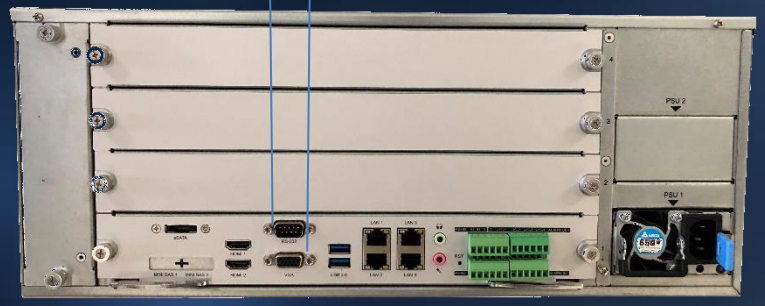
Stand-alone video wall control

LCD 1

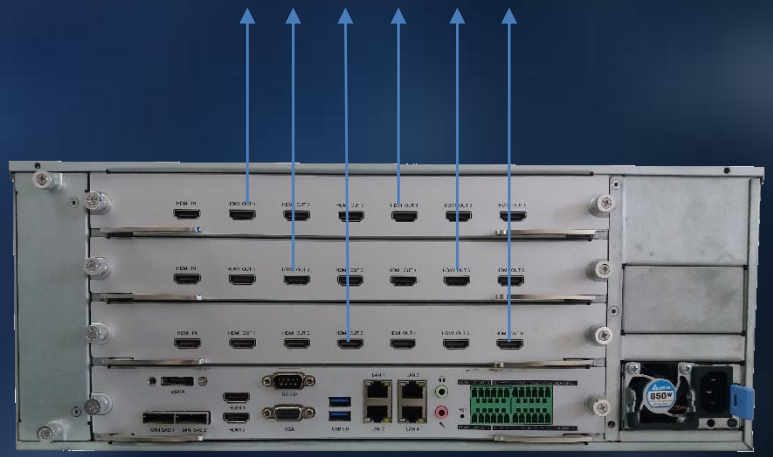
LCD 2

HDMI1

HDMI2



- Built-in 2-screen 16-channel 1080p decoding capability.
- The function of simple combination and control can be realized.



- 3 decode boards can be inserted, each with 1 in and 6 out.
- Expand to a maximum of 20 screens, 160 channels, 1080p.
- Decoding board model: AL-NVR926S5-V

Stand-alone management system structure

01

All-round management

Integration with storage, decoder, video wall controller, alarm and intelligence. Easy to install.

02

High video-input capacity

High bandwidth capacity: up to 512Mbps

Intel processor 64 bit, RAM 8GB,video input 256-ch*2MP

03

Powerful video wall control

NVR could be connected with 21 screens, display 160-ch 1080p video stream

04

Stable system

RAID

1+1 redundant power

05

Strong intelligence

Checkpoint management

27 VCA management

06

Remote decoding

Centralized video wall management, remote control decoding

Centralized management system structure

Centralized management alarm

- Support various types of front-end equipment access, bullet, dome, fisheye, PTZ, etc.
- Support management alarm from front-end

Centralized management system structure

Centralized management storage

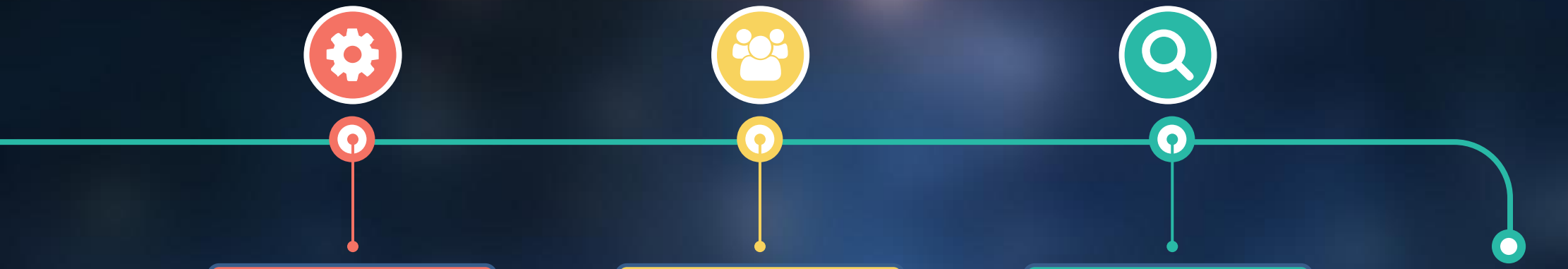
- The camera is preferentially connected to NVR or centralized storage, and then NVR is connected to K2000 for unified management to solve the problem of limited self-storage.

Centralized management system structure

Centralized management video wall

- K2000 can be connected to the decoder to realize the center-sub-center hierarchical structure management.

Centralized management system structure



Alarm management

K2000 is able to connect with various types of front-end and manage alarm at once.

Storage control

K2000 could manage storage from different devices and expand local storage.

Video wall control

K2000 support centralized video wall control, which allows controlling whole situation

K2000

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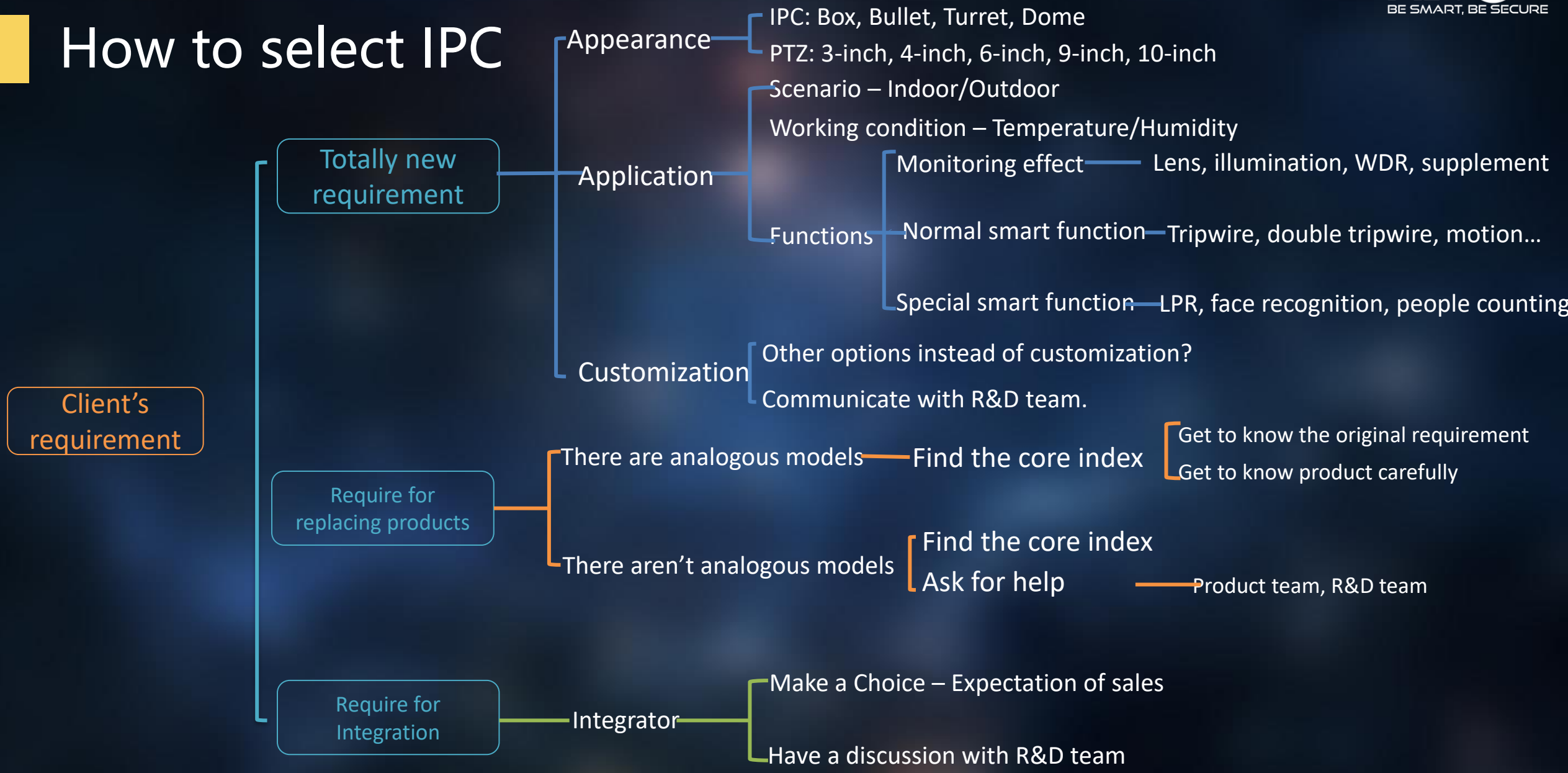
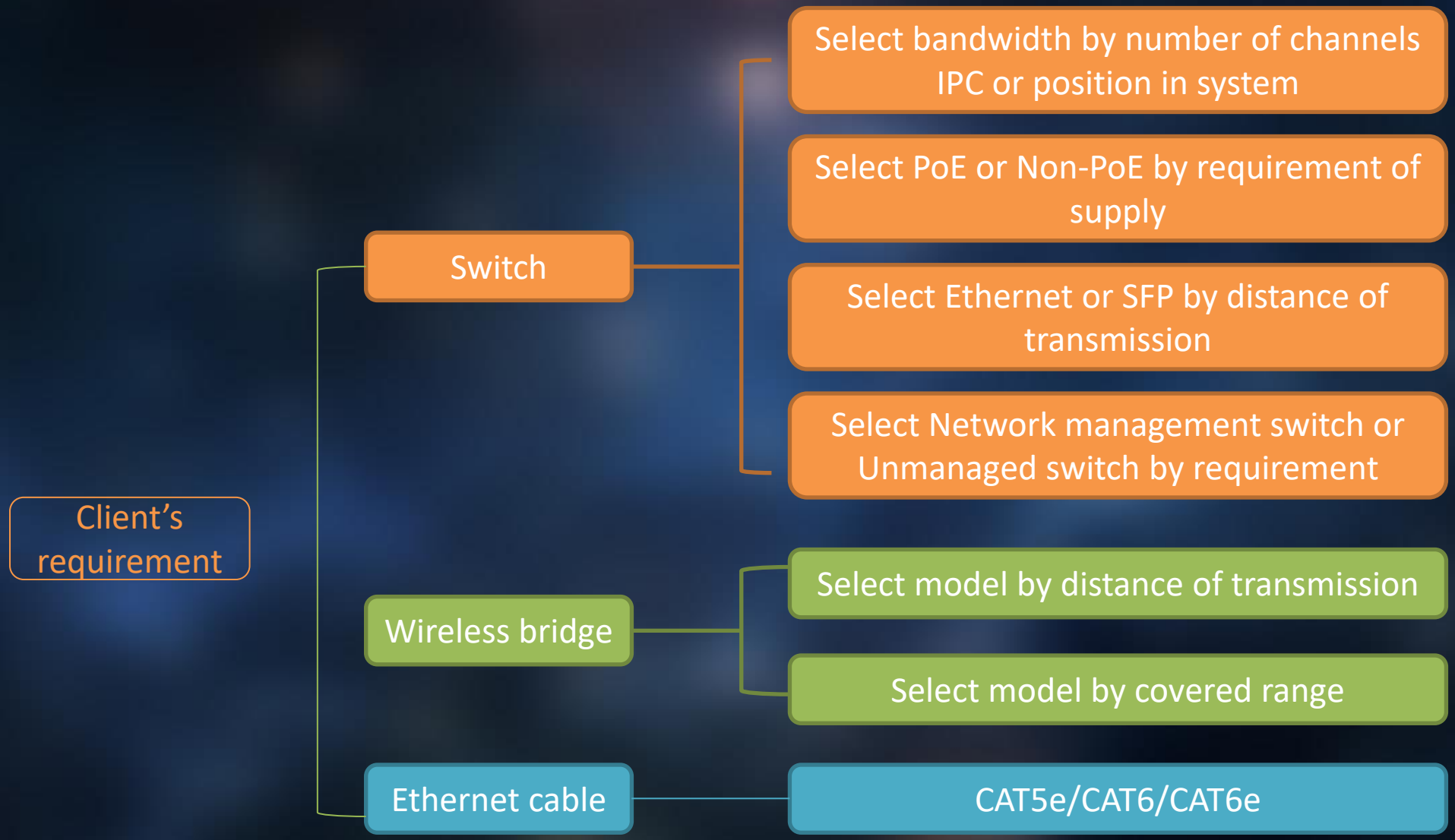
03 HOW TO SELECT PRODUCTS

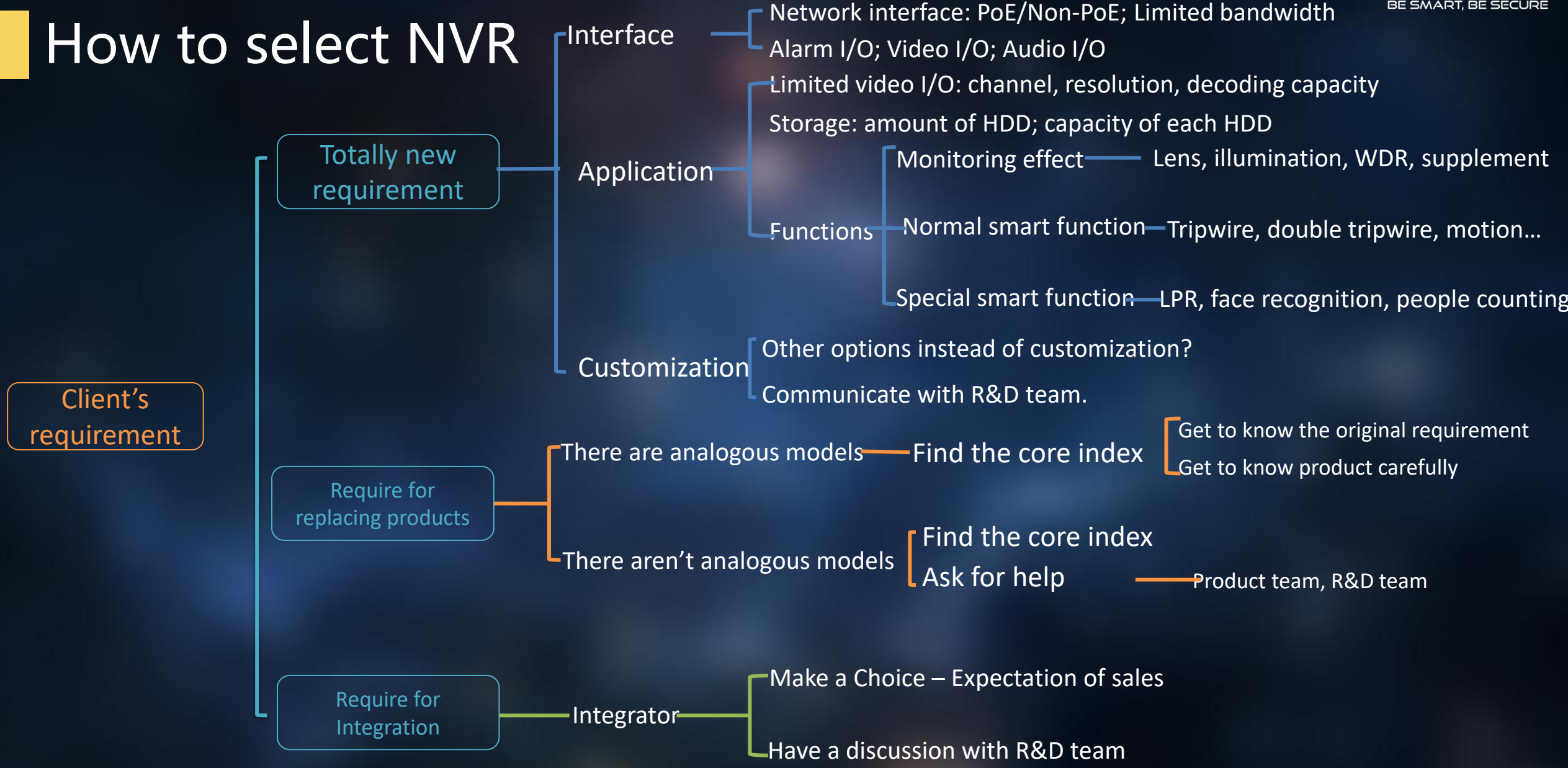
How to select IPC



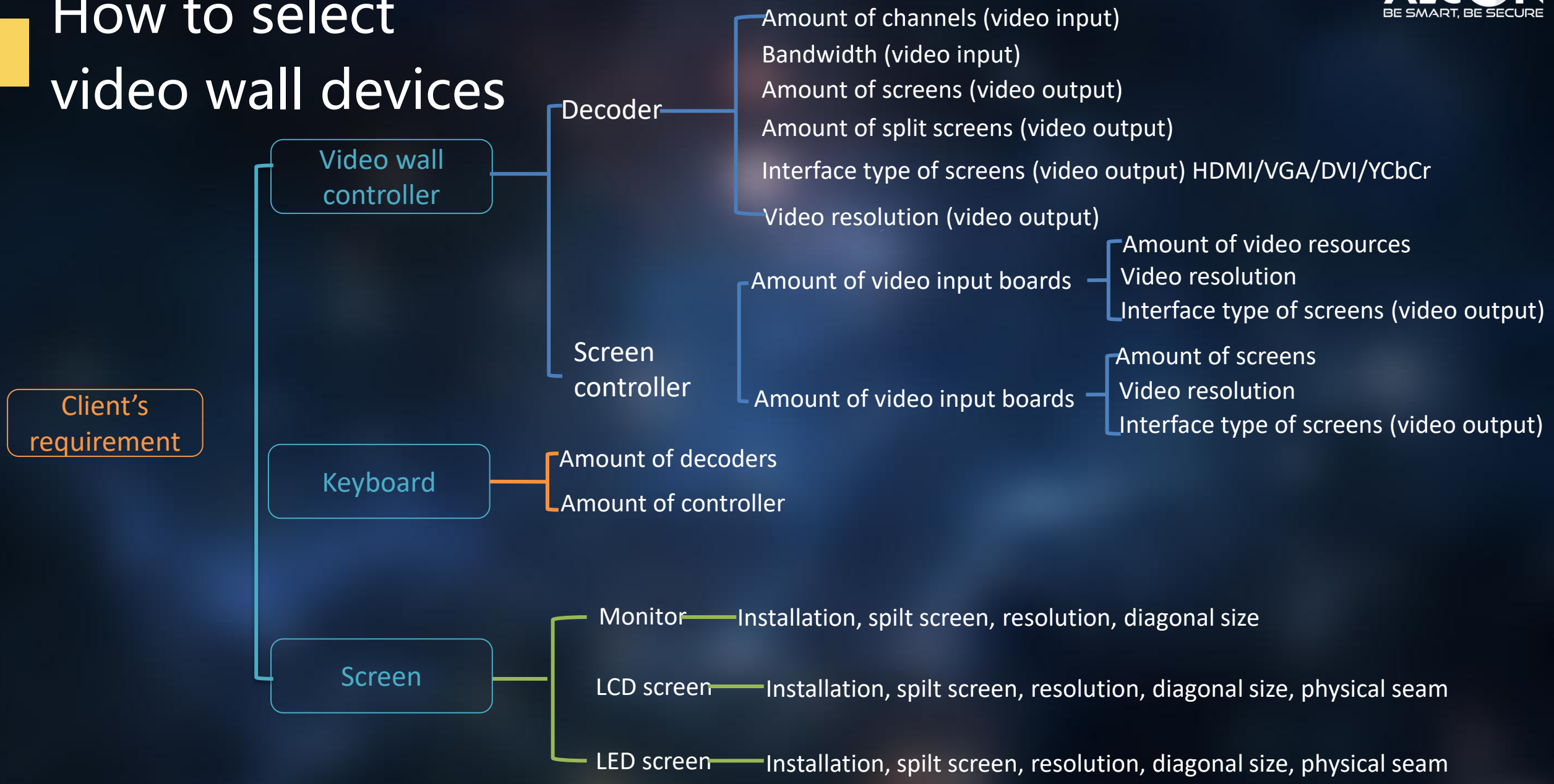
How to select transmission product



How to select NVR



How to select video wall devices



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04 ADVANTAGES

ADVANTAGES

Centralized system

Centralized management

Management video live view

Management video storage

Management alarm

Management intelligent functions

Management early warning

Management video wall

Management face recognition system

Management LPR system

Management people counting system

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Easy Control

Remote control whole system

Modular structure, easy to control

Powerful database

High compatibility

High stability

Control multi-sites at the same time

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ADVANTAGES

Stand-alone system

All-in-one management

Management video live view
Management video storage
Management alarm
Management intelligent functions
Management early warning
Management face recognition system
Management LPR system
Management people counting system
……

Economic solution

Reduce amount of equipment， reduce cost
All-in-one design, reduce the maintenance cost
Build-in storage sever, improve stability of safety
Easy configuration & installation, reduce cost of workers
……

Stable design

RAID technology
Redundant power supply

STANDARD SOLUTION 300-2000 IPC

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