妥善管理教學研究資源
將資源效益極大化!!

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資深技術顧問 羅元佃

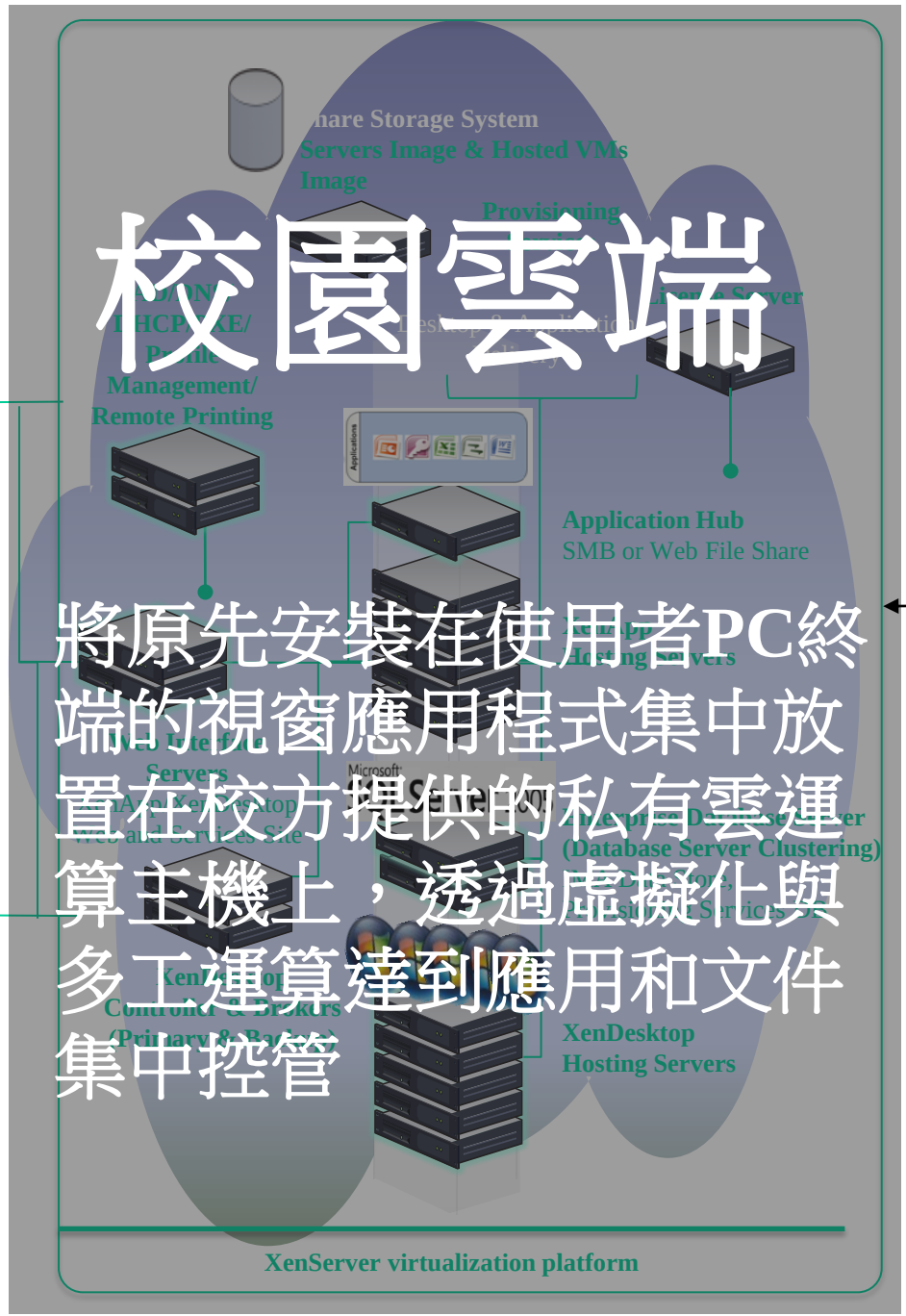
校園雲端

圖書館

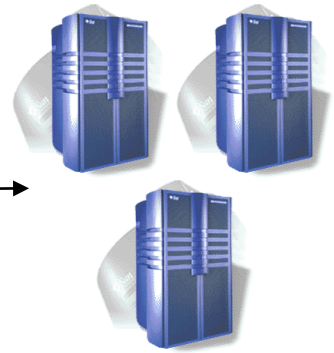
教職員　　電腦教室

家中

學校外網



將原先安裝在使用者PC終端的視窗應用程式集中放置在校方提供的私有雲運算主機上，透過虛擬化與多工運算達到應用和文件集中控管



校內應用程式主機

校園雲端運用

1. 電腦教室設備管理
2. 行政教職人員終端電腦維護
3. 開放資源共用平台
4. 教學環境帶回家
5. 行動裝置完全整合

Empower users with teleworking programs

Leverage the latest mobile devices

Enable branch expansion, offshoring and M&A

Increase mobility and security while reducing costs

Traditional Desktops

Complex.
Inflexible.
Hard to Secure.

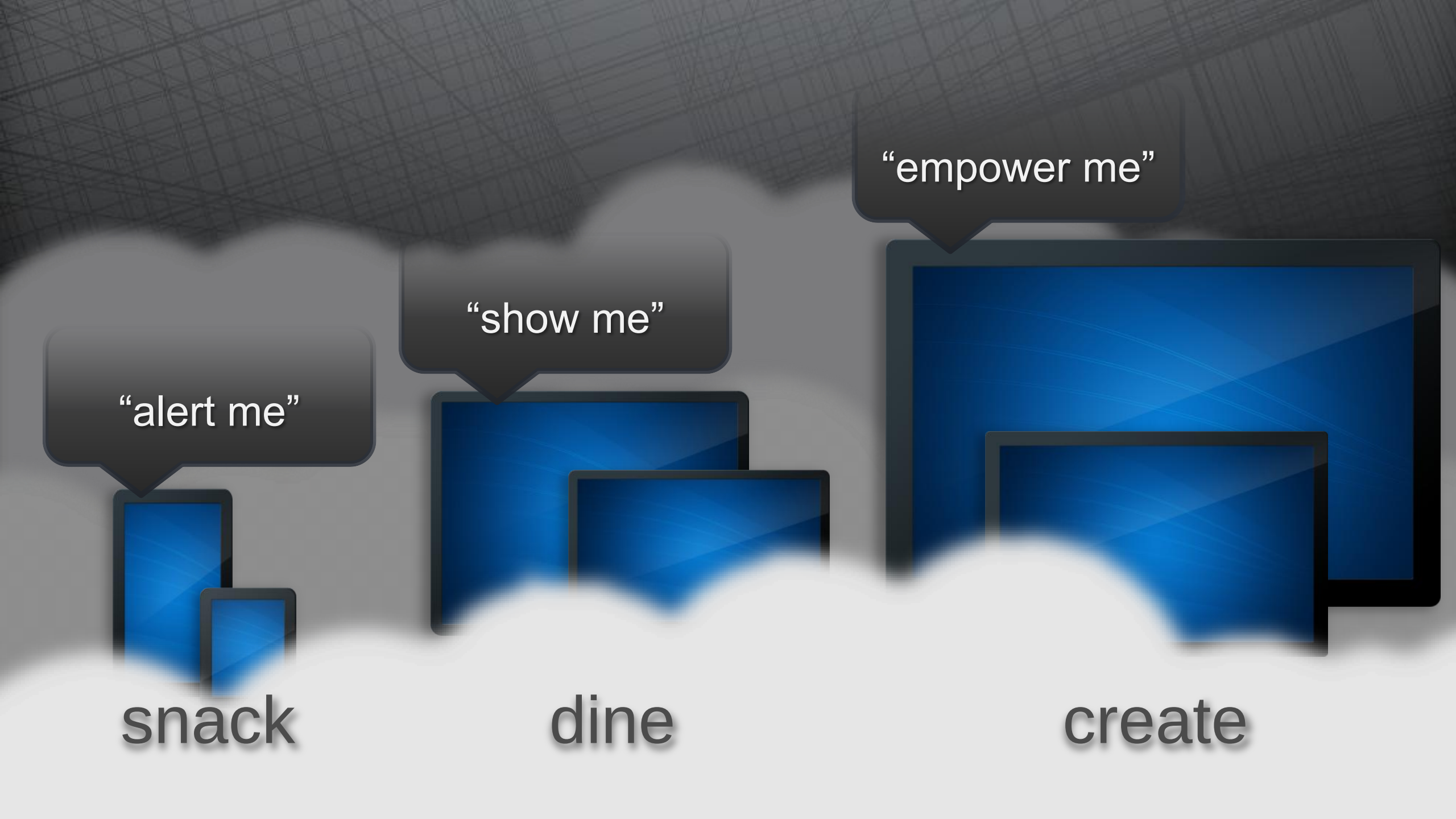
- Limited workplace flexibility
- Security restricts mobility and devices
- Moves, adds, changes take days
- Constant refresh with limited gains

Go Virtual

Simpler.
Faster.
Secure.

- Enable virtual workstyles
- Leverage the latest mobile devices
- Rapidly adapt to business change
- Transform desktop computing

do whatever, whenever, wherever


“alert me”
“show me”
“empower me”
snack
dine
create

Go Virtual for All Users

mobile • remote • office-based • contractor • task-based

How can we help you 'go virtual' faster?

Make virtual desktops…

"…easier to deploy and integrate"

"…simpler to manage and support"

"…extend to all the latest devices"

"…deliver a great user experience"

Any device, Anywhere with Receiver™

- Leverage the latest devices with a universal client
- Enable end-user flexibility, choice and productivity
- Secure application data
- Simple, fast, self-service installation and auto-updates

Thin & Diskless PCs

PCs & Macs

Smartphones

Tablets

Fully touch-enabled – even legacy apps

DELL

SAMSUNG

BlackBerry

CISCO

Multimedia

Collaboration

Peripheral Connectivity

Network Performance

3D Applications

WAN Optimization

Simple, secure access

HDX MediaStream with Adaptive Orchestration

If possible,
Render on the endpoint device

3

Inspect
Endpoint

2

Optimize using
HDX Broadcast

Inspect
Network

Fallback:
Server-side rendering in the datacenter

1

Inspect
Server

HDX RealTime

- High-def webcam support
- Enhanced audio quality for VoIP

HDX Plug-n-Play

- Advanced multi-monitor configurations
- Printers
- Dictation devices, special keyboards

HDX RichGraphics

- 3D Pro Graphics
  - Centrally protect CAD/CAM intellectual property
  - Deliver desktops to remote workers on the WAN
  - 10X better performance compared to PCoIP
- MS RemoteFX integration
  - Joint collaboration to extend RemoteFX
  - Any device, anywhere

HDX WAN optimization

HDX user experience for the branch user

- Accelerate print traffic
- Accelerate file transfers
- Accelerate application access
- High-definition video experience
- Accelerate desktop logon times

Reduce desktop delivery network costs

- Free up network bandwidth by reducing desktop bandwidth consumption
- Support more XenDesktop branch users with existing WAN bandwidth

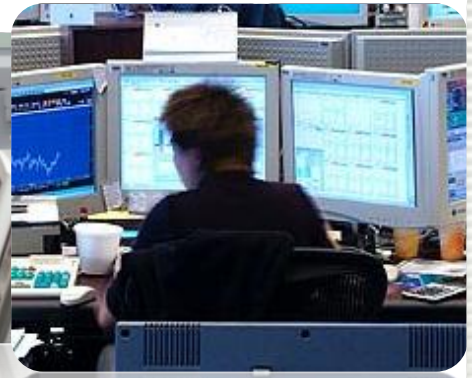
Will desktop virtualization really fit every user?

Cost?
Scalability?
User Experience?

FlexCast
DELIVERY TECHNOLOGY

Guest Workers

Remote Workers



Mobile Workers

Office Workers

Task Workers

Laptop users ⟷ USER TYPES ⟶ Task workers

- Local VM
- Streamed VHD
- Hosted VDI
- Hosted Shared

Virtual Desktops to go

Client

Synchronizer

Access Windows, web or SaaS apps

On-demand apps

- Any Windows app
- Self-service enterprise app store
- Hosted or streamed app delivery
- Granular access control

Innovative and flexible options for app delivery

Server Hosted Apps

Best user density and scalability

Local Apps

Offline apps, no app conflicts

VM Hosted Apps

Reduces validation cycles, faster time to market

Seamless access to Web & SaaS apps

- Access control
- Single sign-on
- Directory services integration
- SAML support, numerous connectors
- Enabled by Citrix OpenCloud access technology

Open, proven, scalable

- Simple, powerful management
- Any hypervisor, any storage
- Comprehensive SDK
- Proven scalability

Receiver
Designed for Users
Desktop Studio
Designed for IT Admins
Desktop Director
Designed for Helpdesk

Desktop Studio – Designed for IT Admins

10

minutes to install

clicks to configure

seconds to add a new user

Desktop Director – Designed for Help Desk

- Fast resolution
  - Resolve issues for 1 as easily as 1,000
- Single, comprehensive view
  - Instant overview
  - Diagnostics
  - Monitoring

Simple, Powerful Virtual Desktop Management

Designed for Specific IT Roles

Desktop Studio
Designed for IT Admins

Desktop Director
Designed for Helpdesk

Q & A