



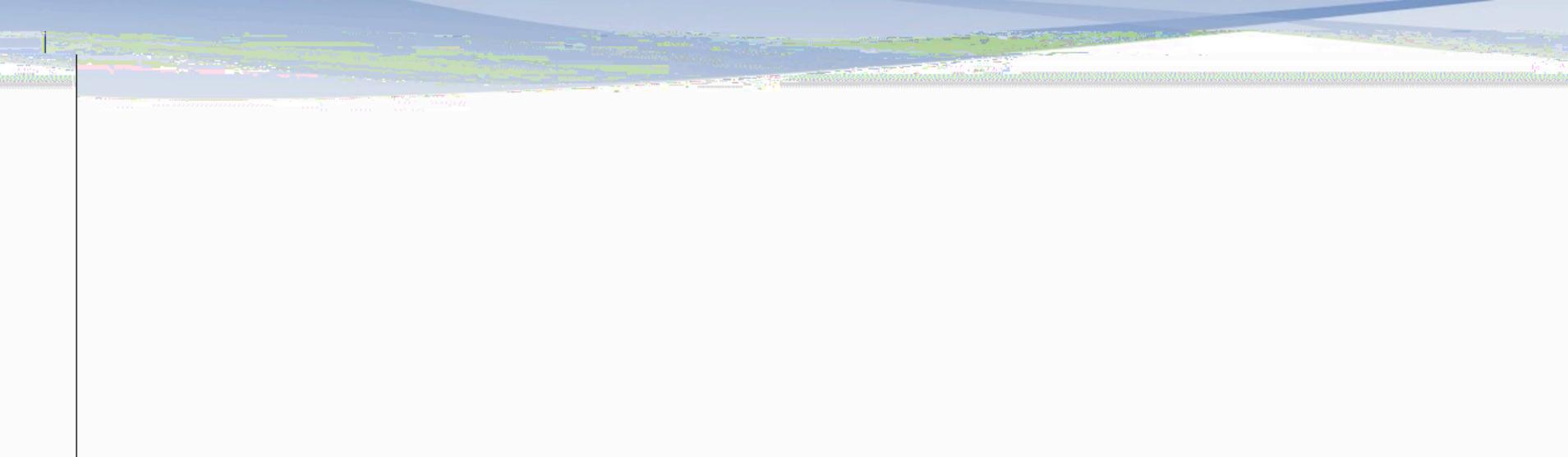
2015/04

王锋 frank_wang@leadtek.com.cn



NVIDIA

LEADTEK



NVIDIA GRID™ vGPU™ TERA2321 3D



丽台科技



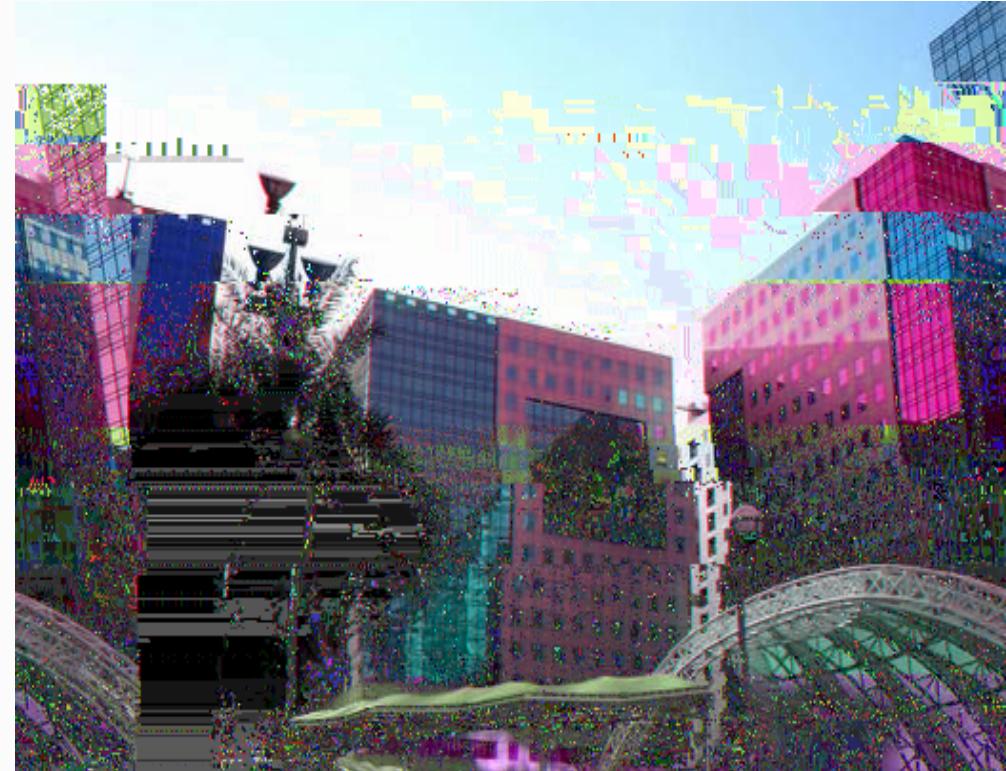
公司成立于1986年

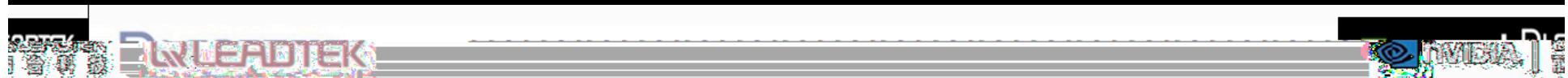
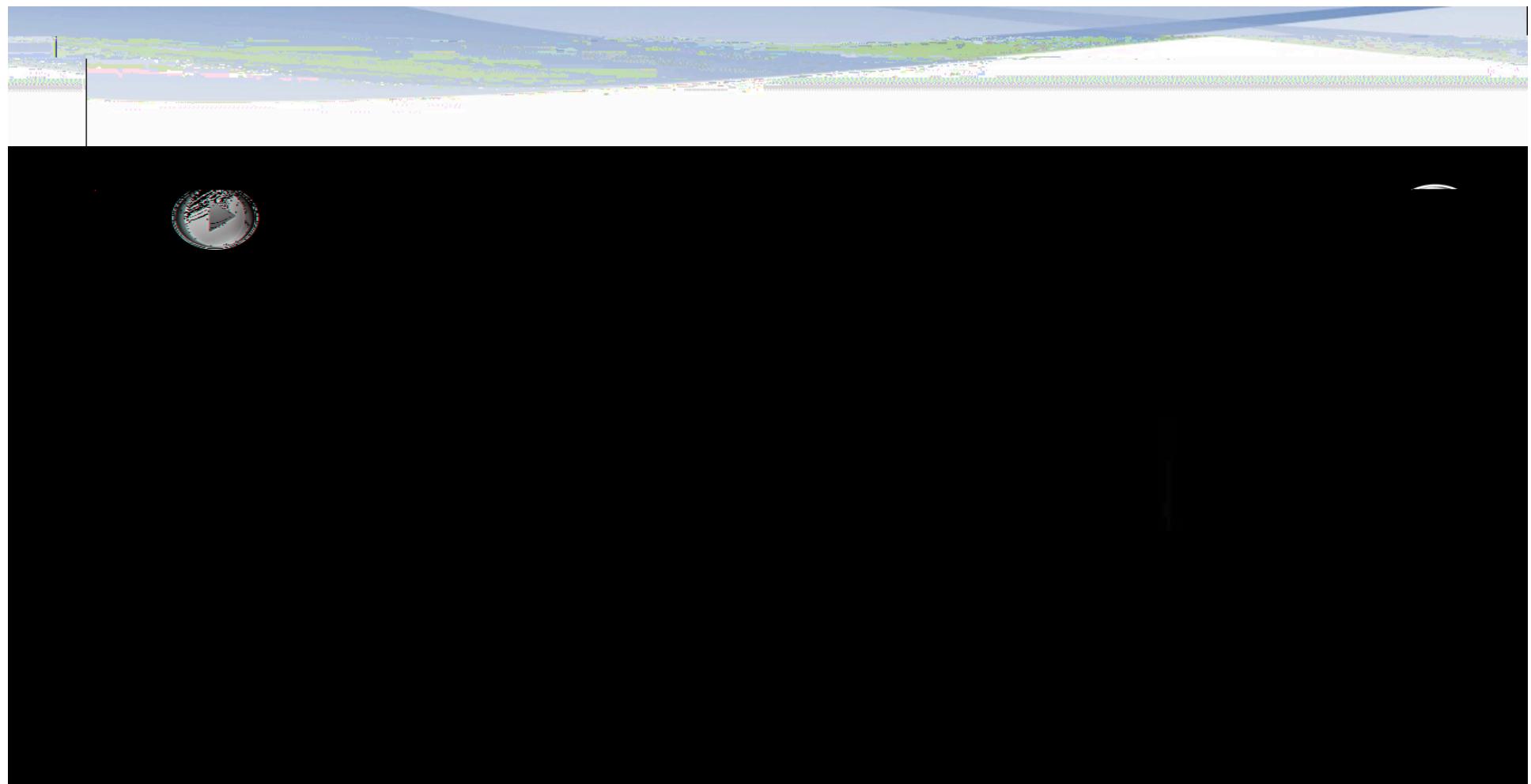
总部位于台北市，在大陆
(上海、北京)、日本设有
分公司

资深的图形显卡的研发和制
造商

亚太区（除日本）丽台
Quadro 品牌

图形工作站以及虚拟化图形
解决方案的提供商





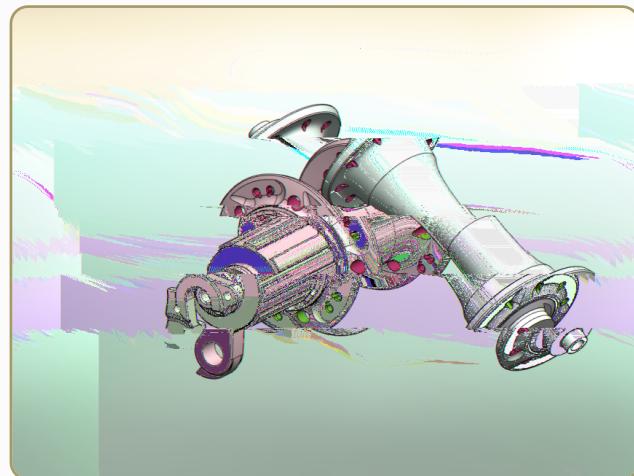


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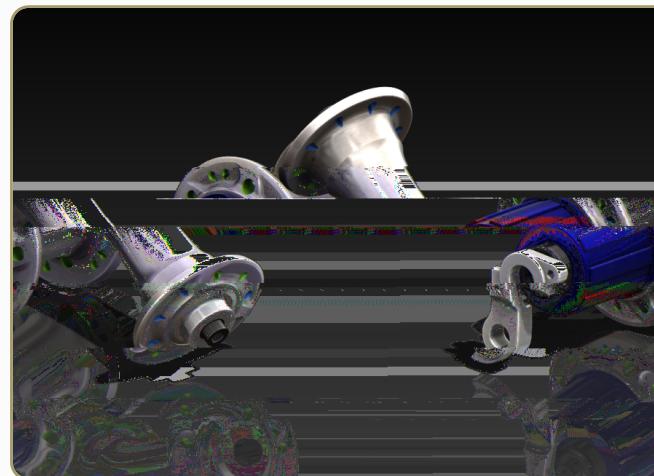
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Why QUADRO?

没有RealView (没有 GPU)



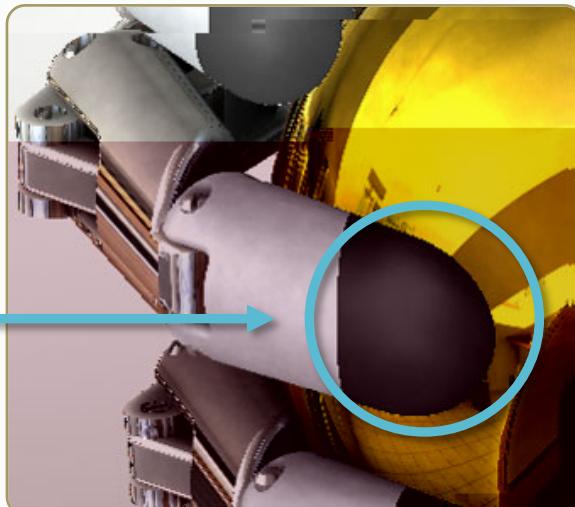
有RealView (有GPU)



Why QUADRO?

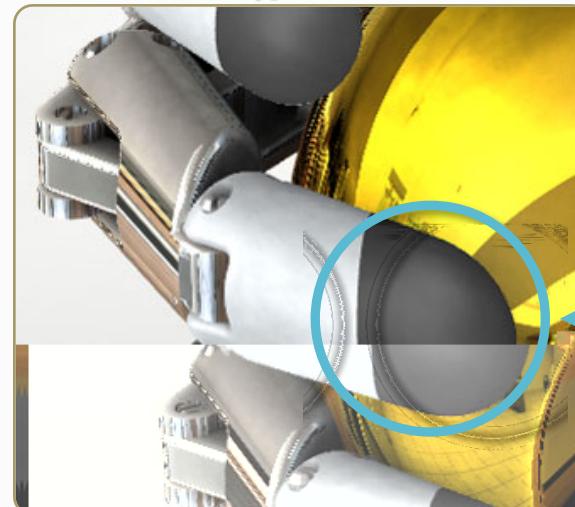
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没有GPU



锯齿线可见

有GPU

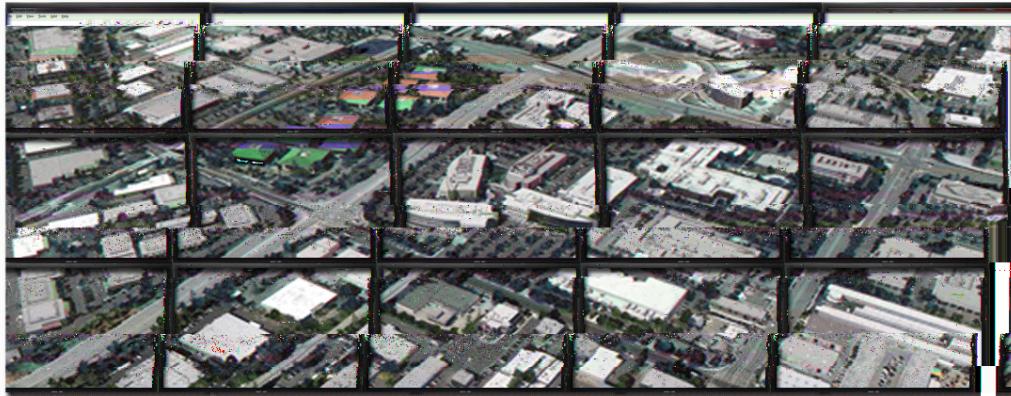


平滑线

NVIDIA Quadro Mosaic

16

GPU, GPU



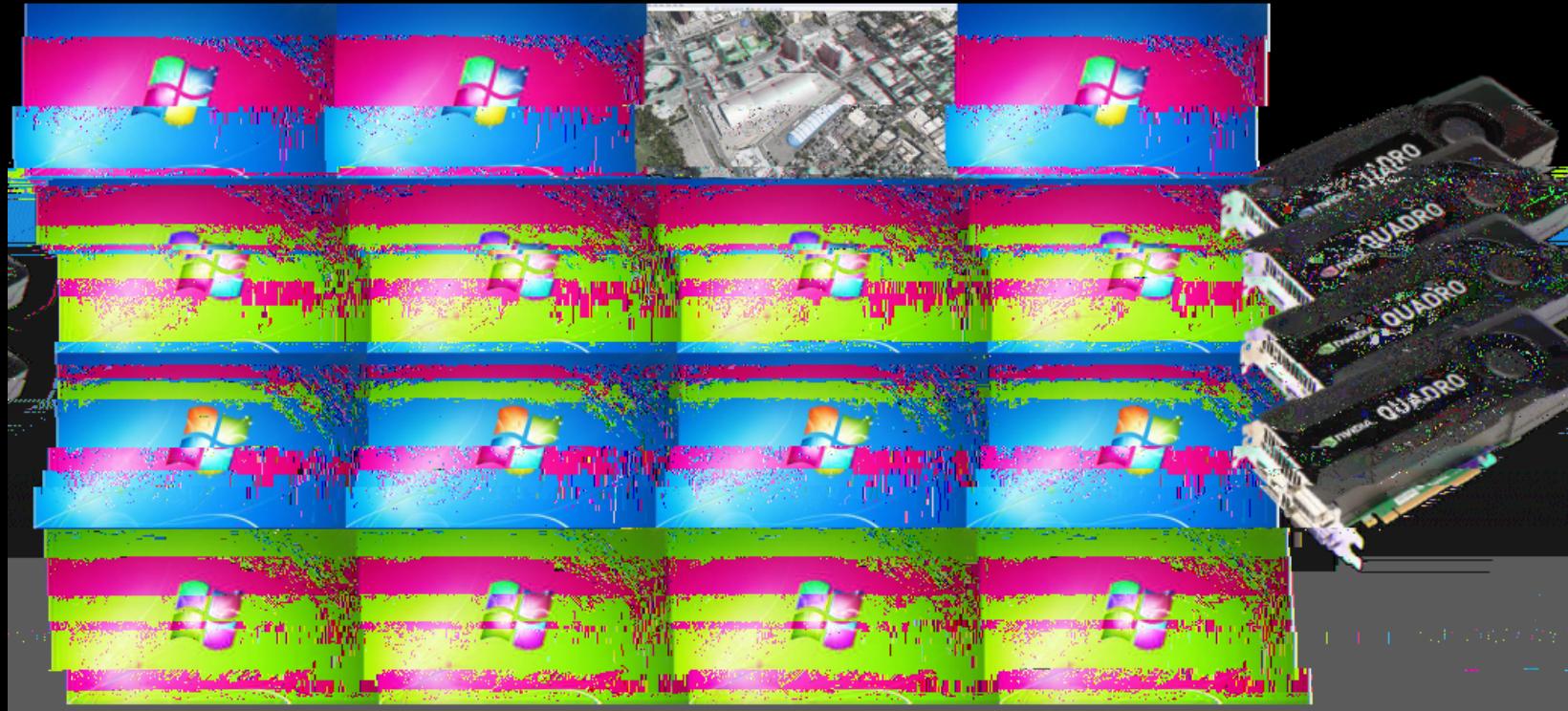
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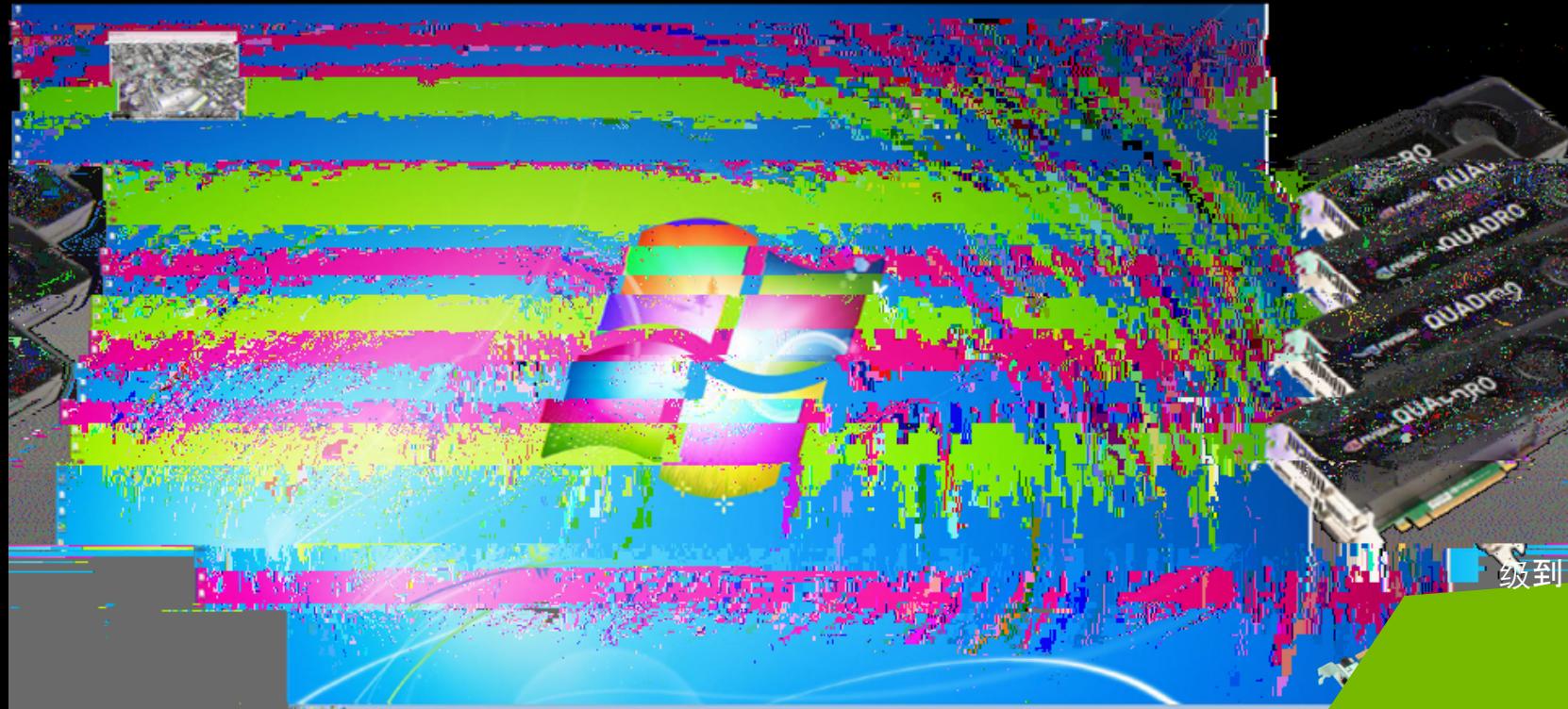
COMPUTER
LEADERTEK

COMPUTER
LEADERTEK

没有NVIDIA Mosaic - 仅16个独立的桌面



NVIDIA Mosaic - 16个桌面成为一个逻辑桌面



NVIDIA Quadro

- 应用程序性能
- 驱动的质量和稳定性
- 值得信赖的品牌
- 计算的领导地位
- 工作流程和 管理

最 性能 制 业 多媒体娱乐行业的
领导地位 Quadro 6000

驱动 Quadro K 多软件认证 业界对
支持最好的

专业图形市场的领导地位

性能 & 普及

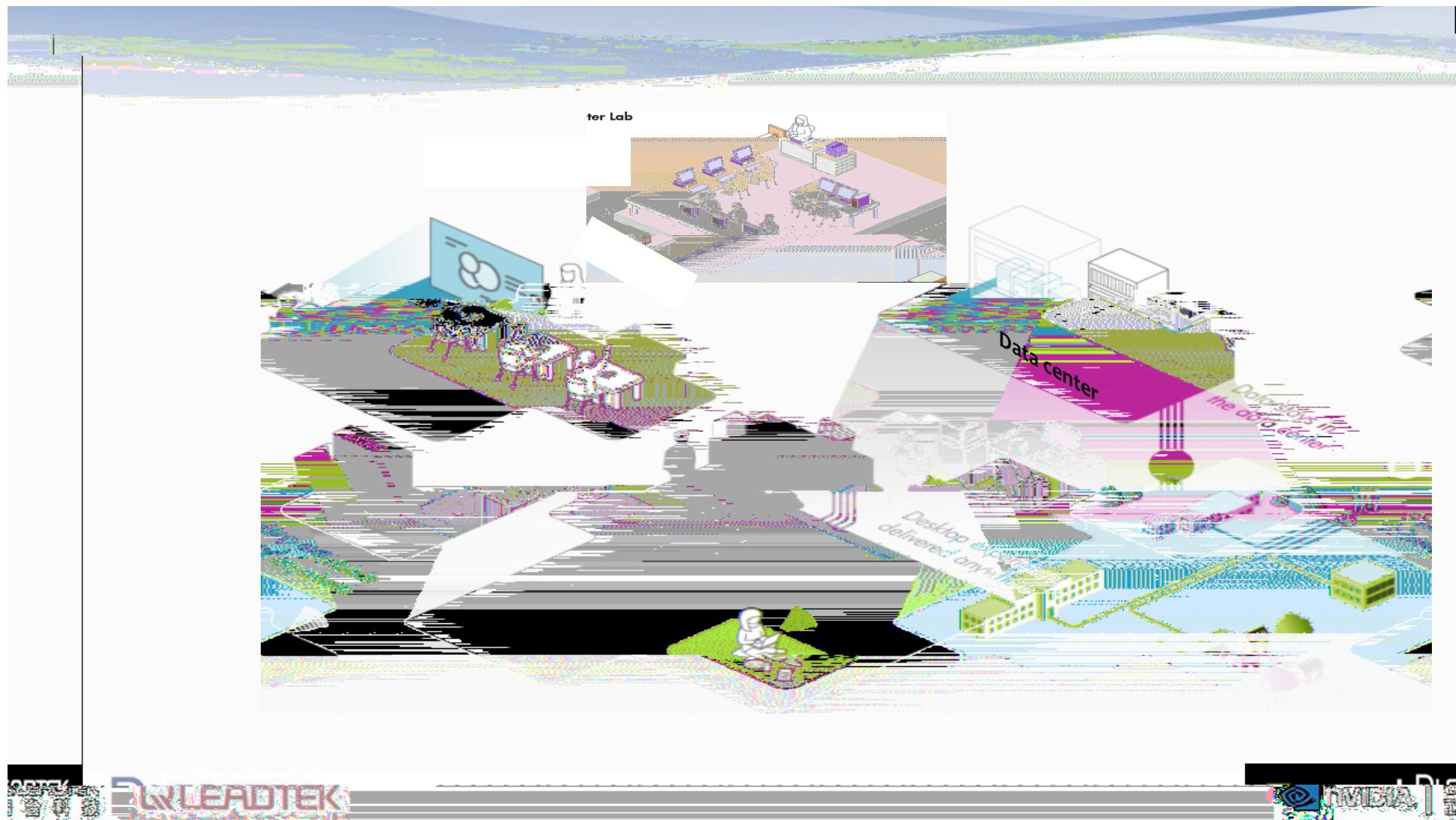
专业的显示管理工具和基础工具

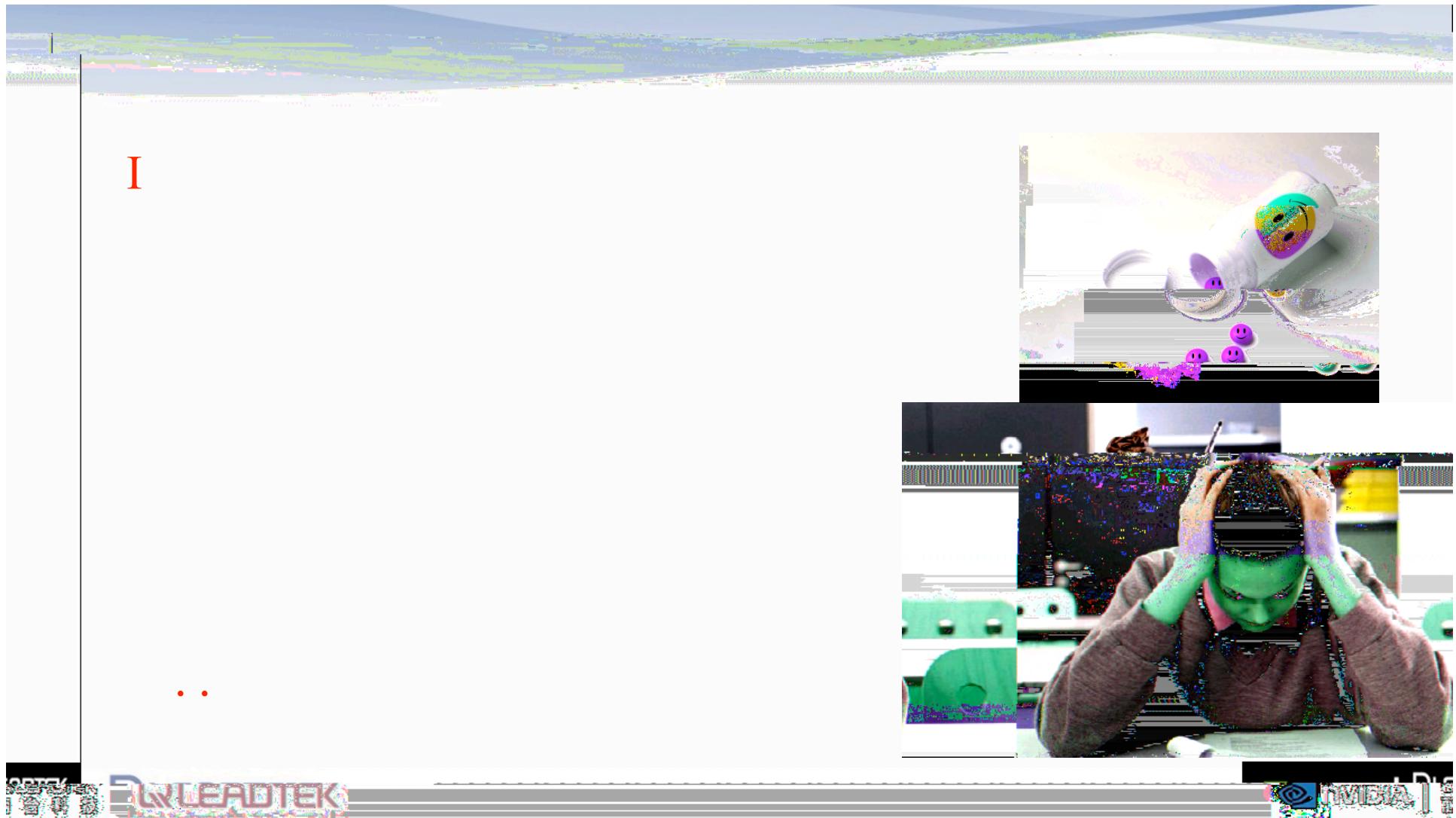


Own Device

Bring Your

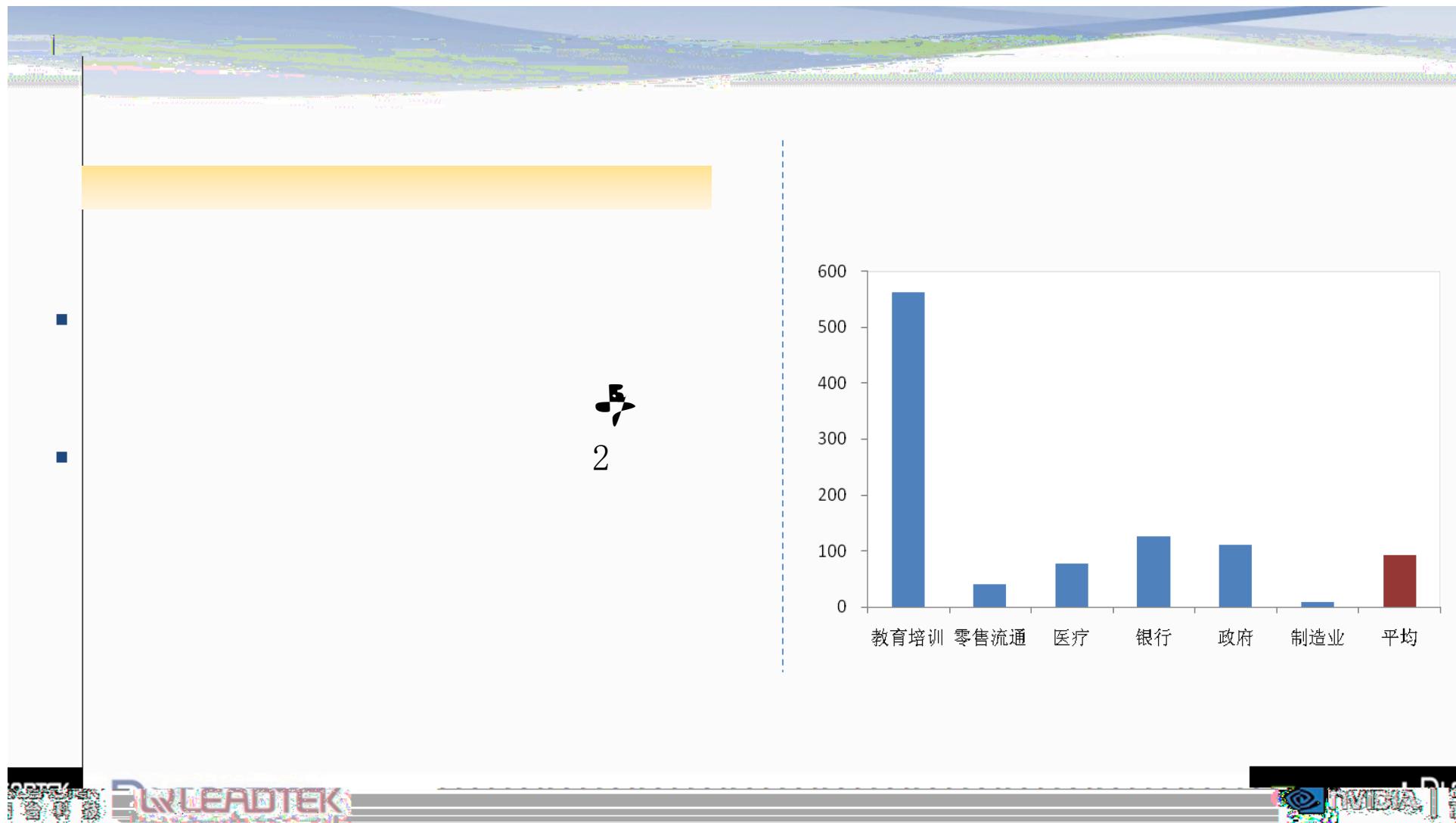


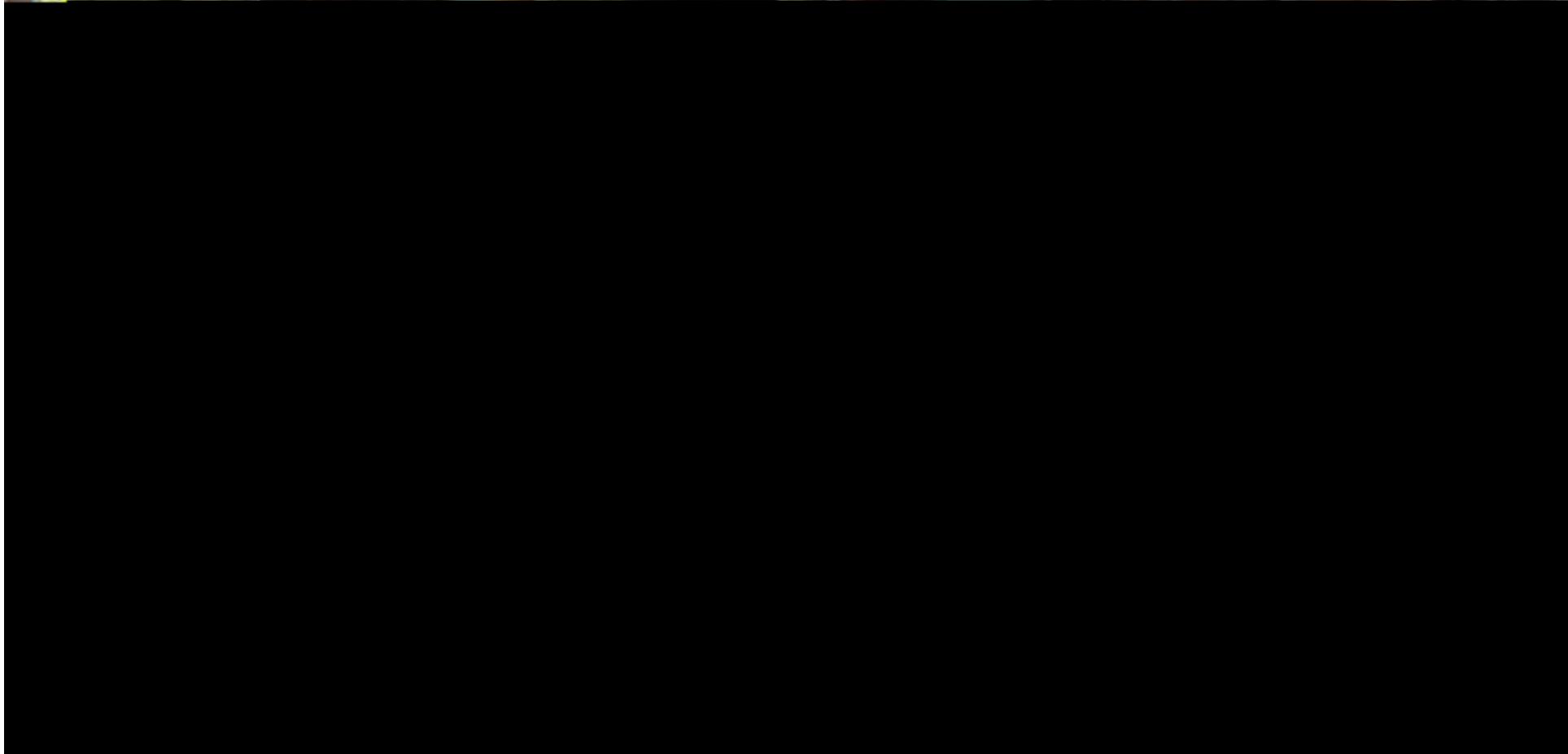


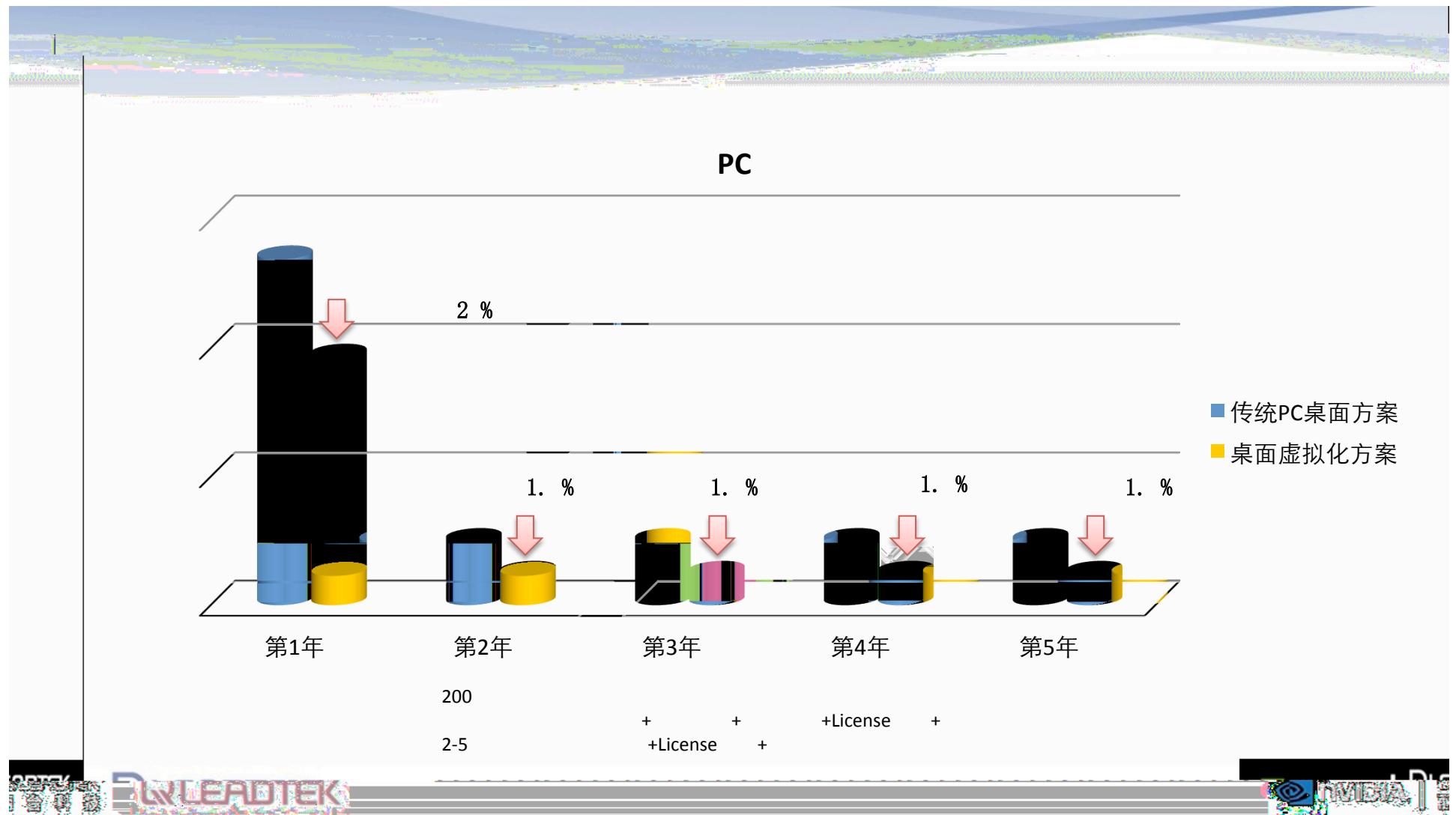


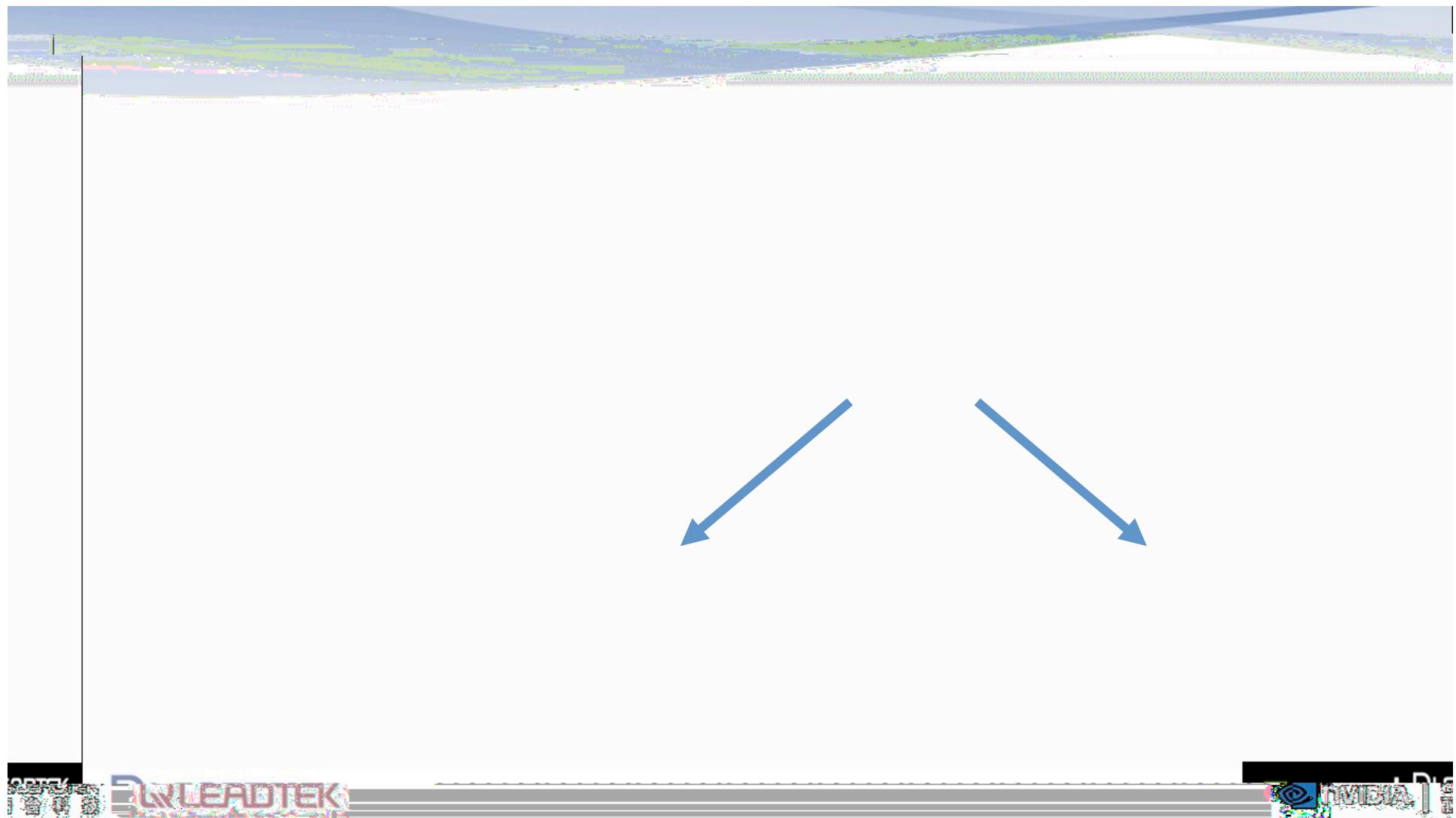
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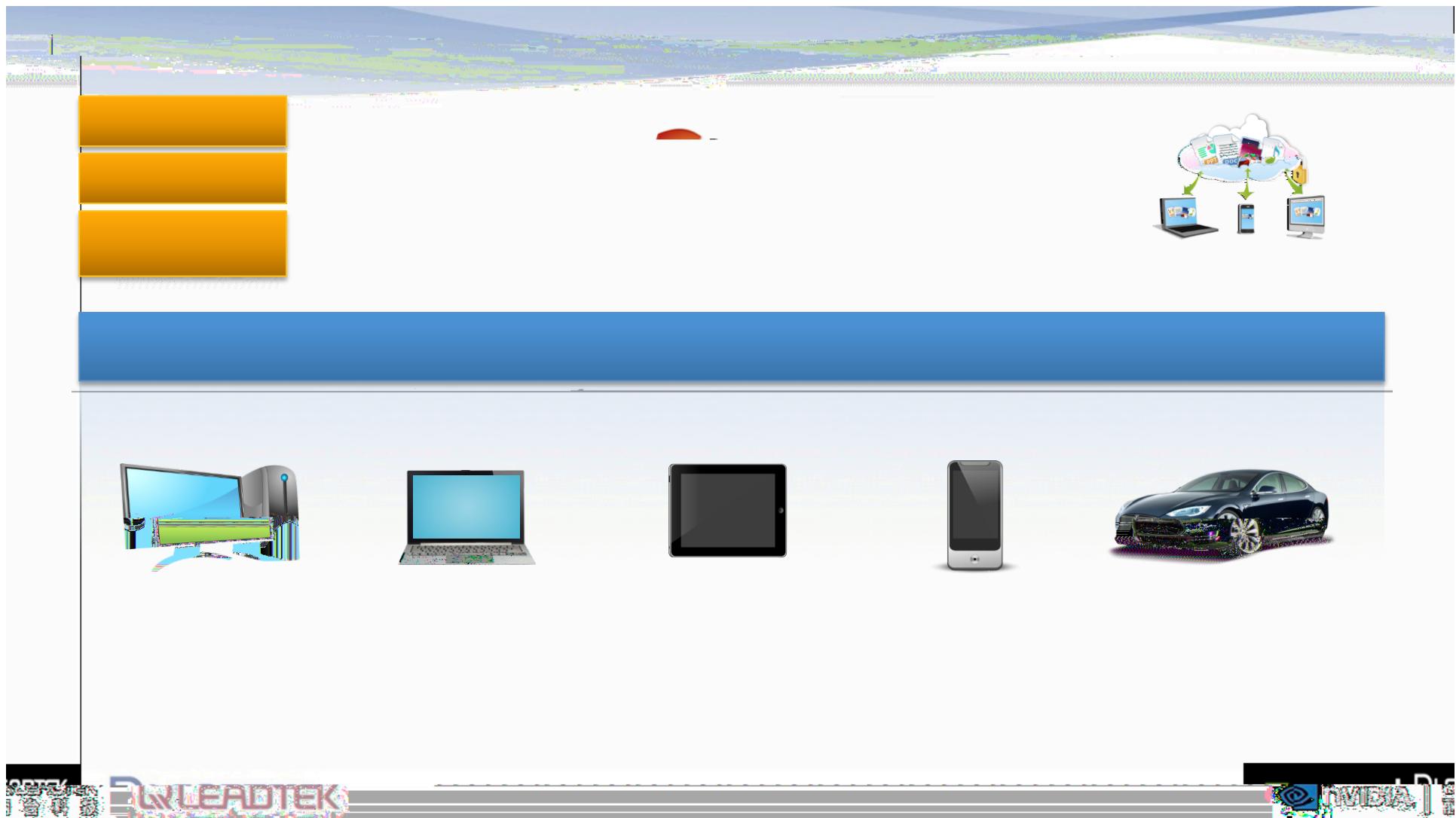
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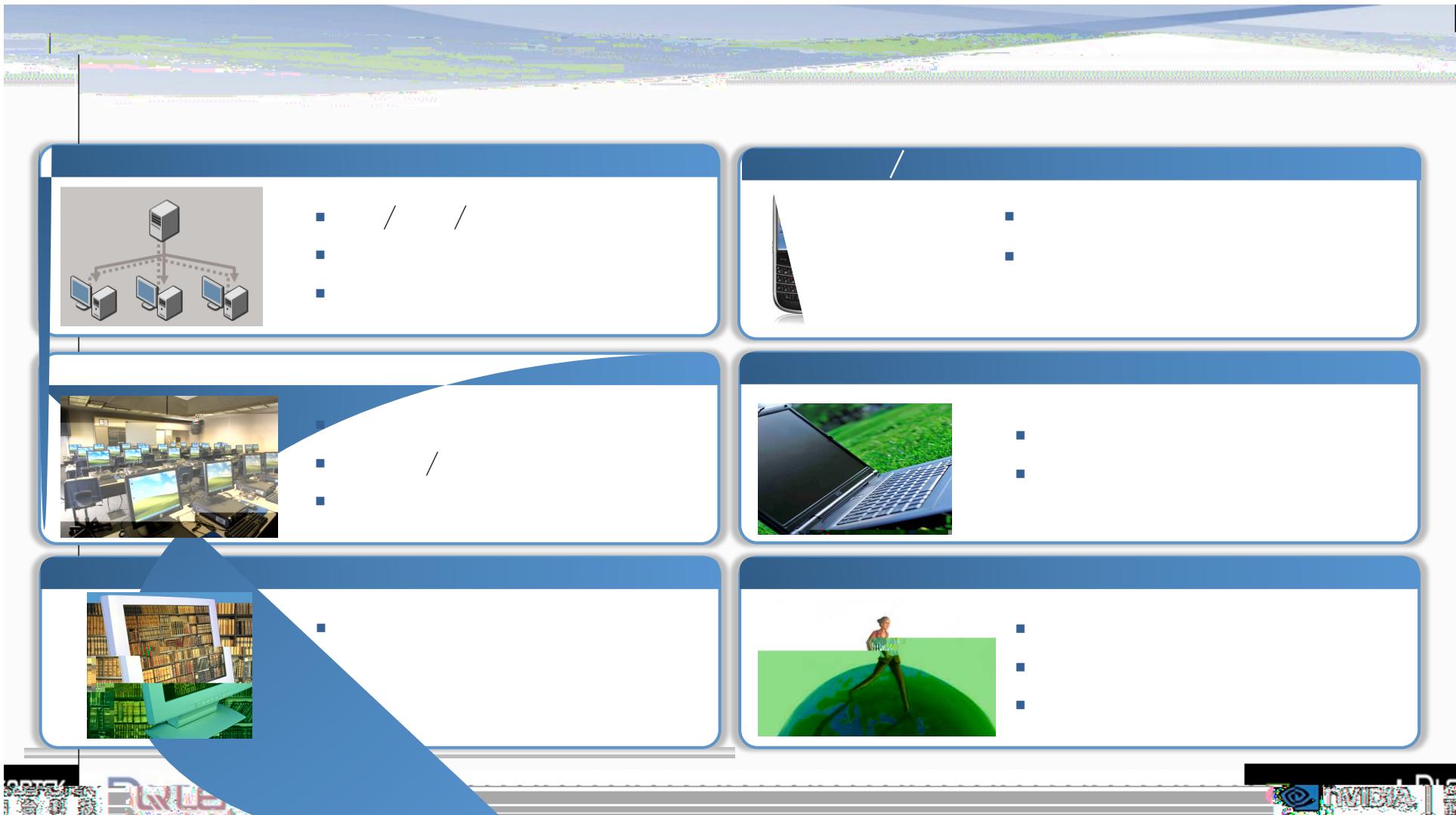


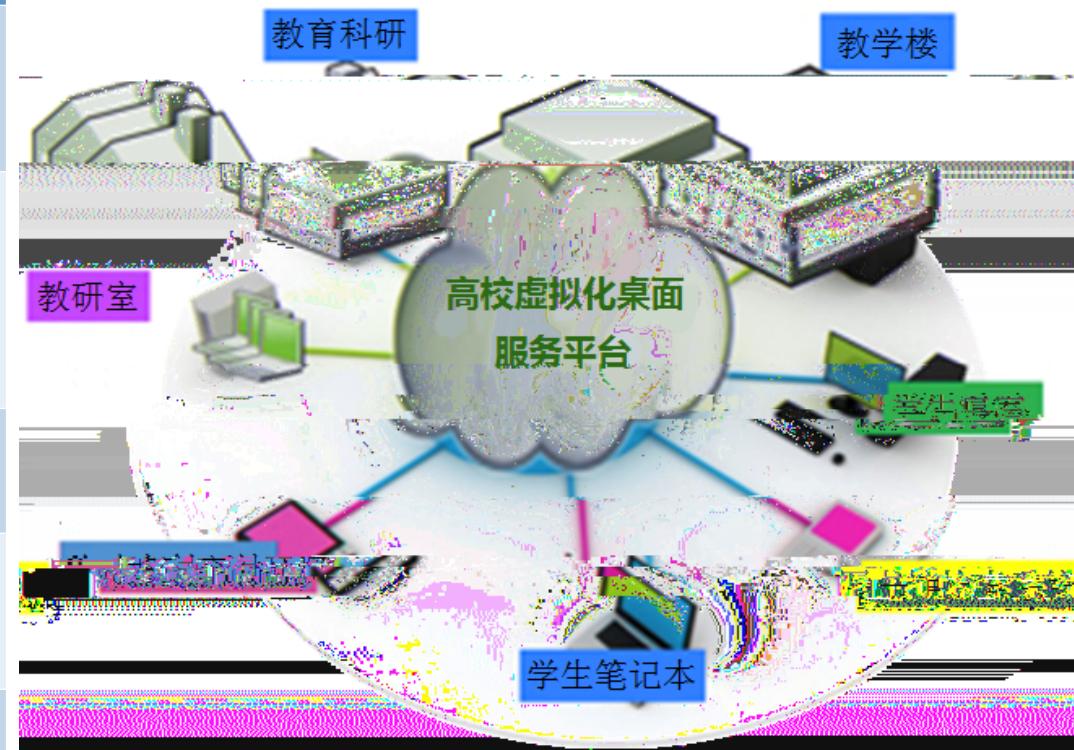
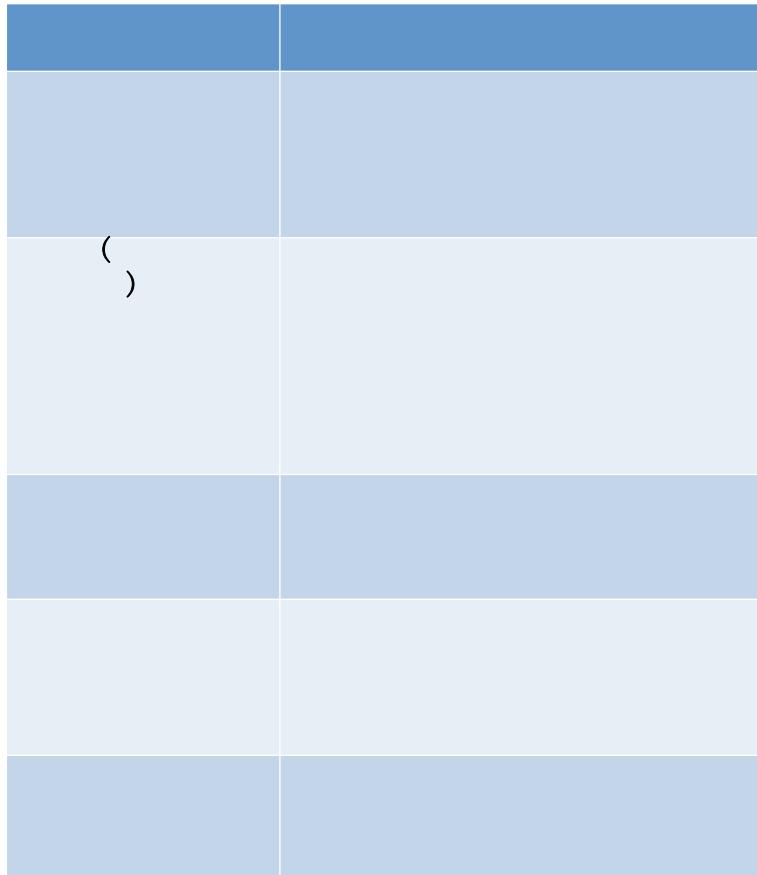




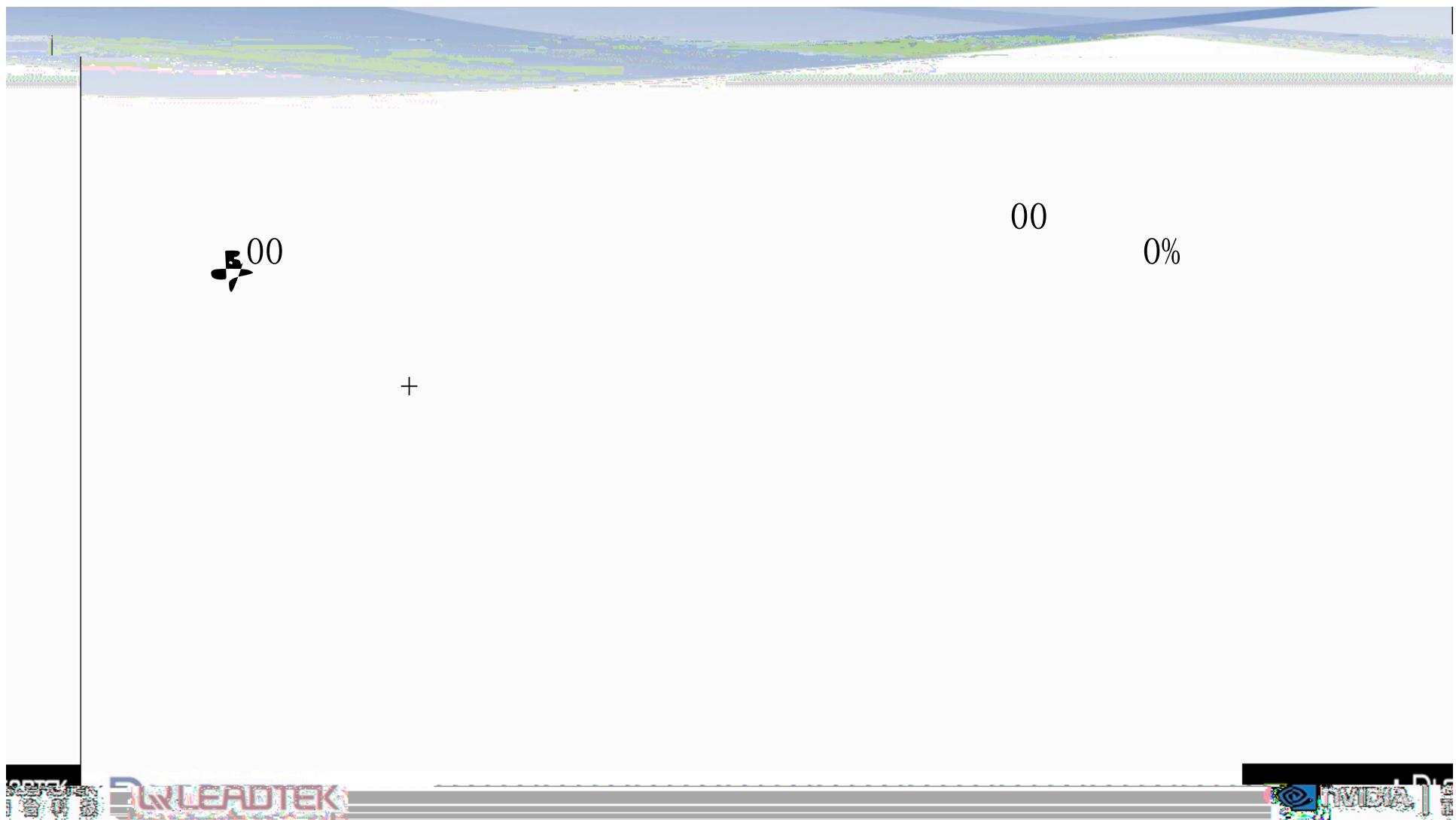
, ' PC/ /

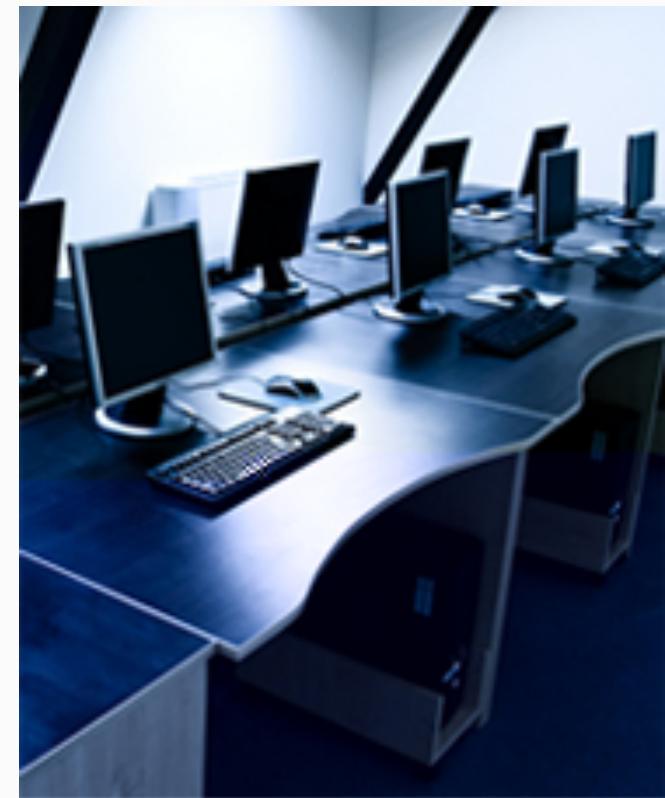
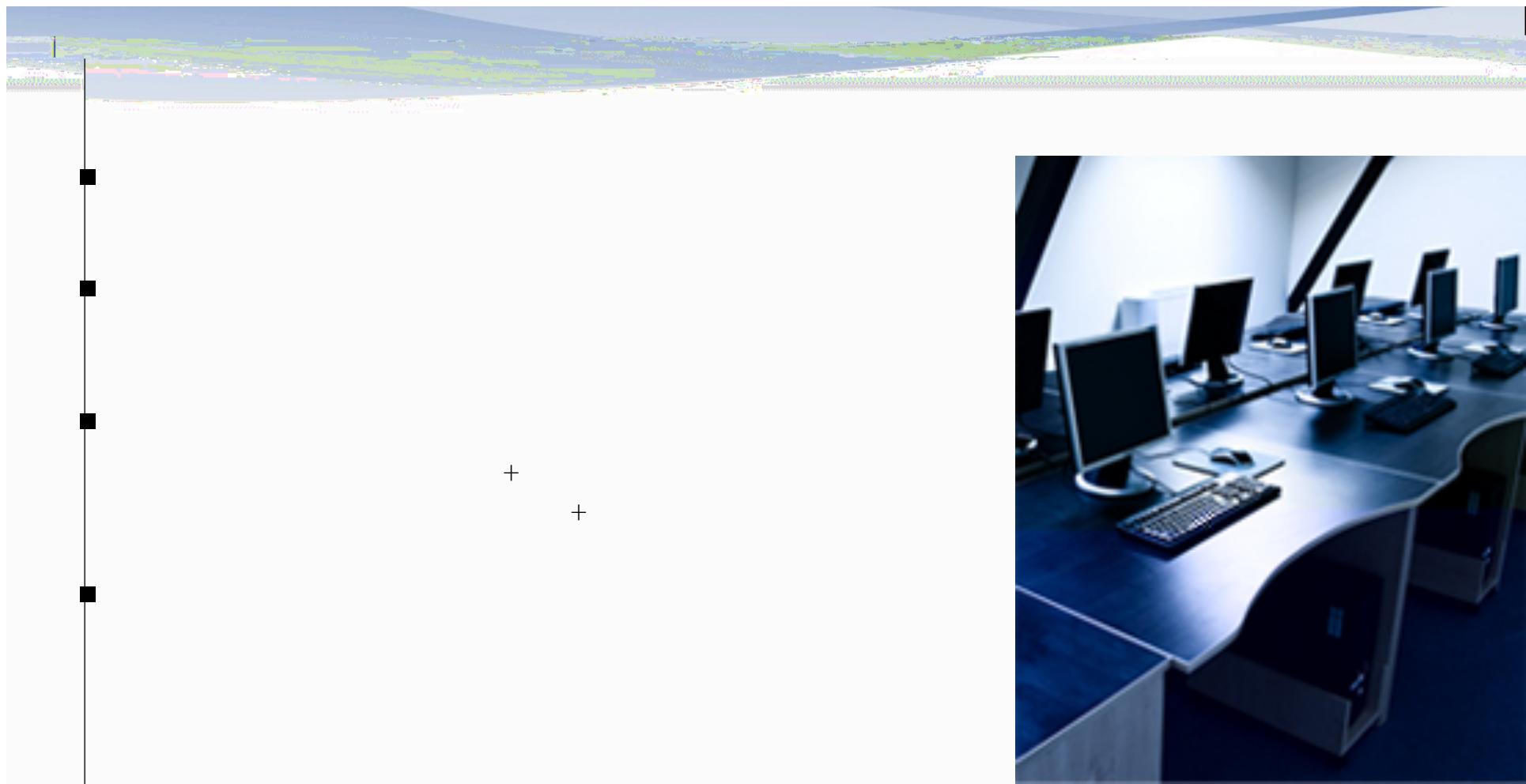












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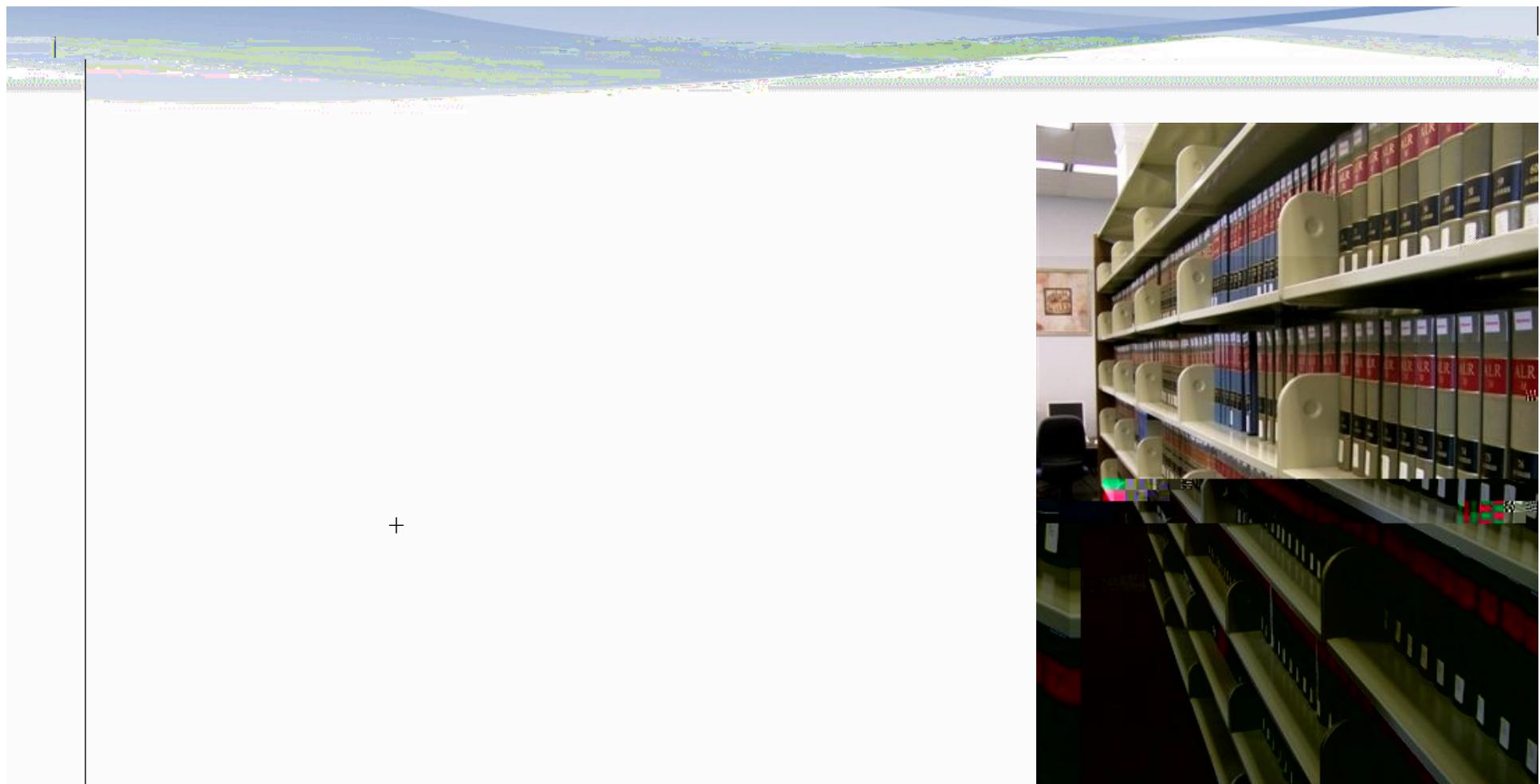
PC VMware workstation /Zero Client

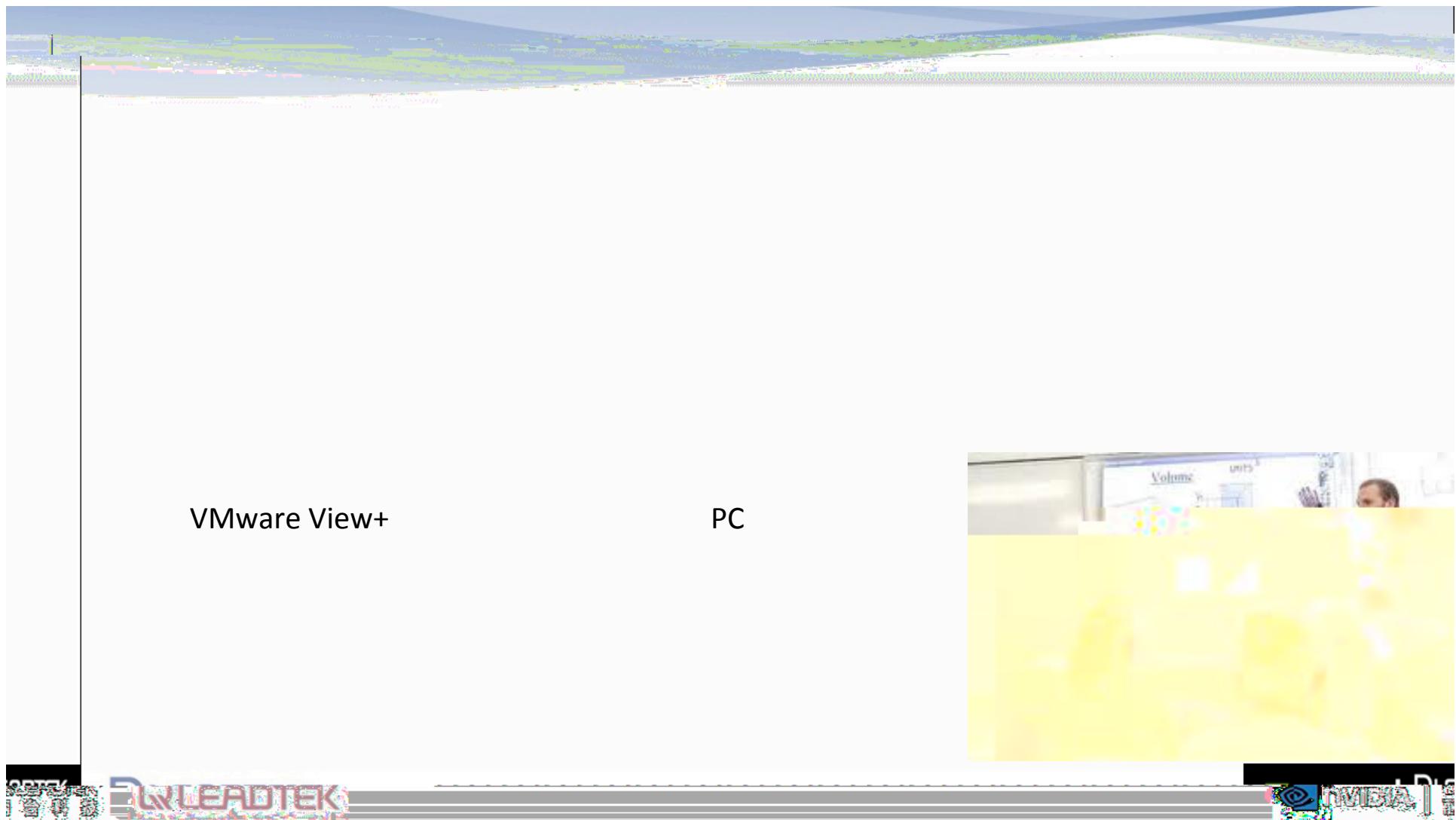
VMware View PC

PC

PC

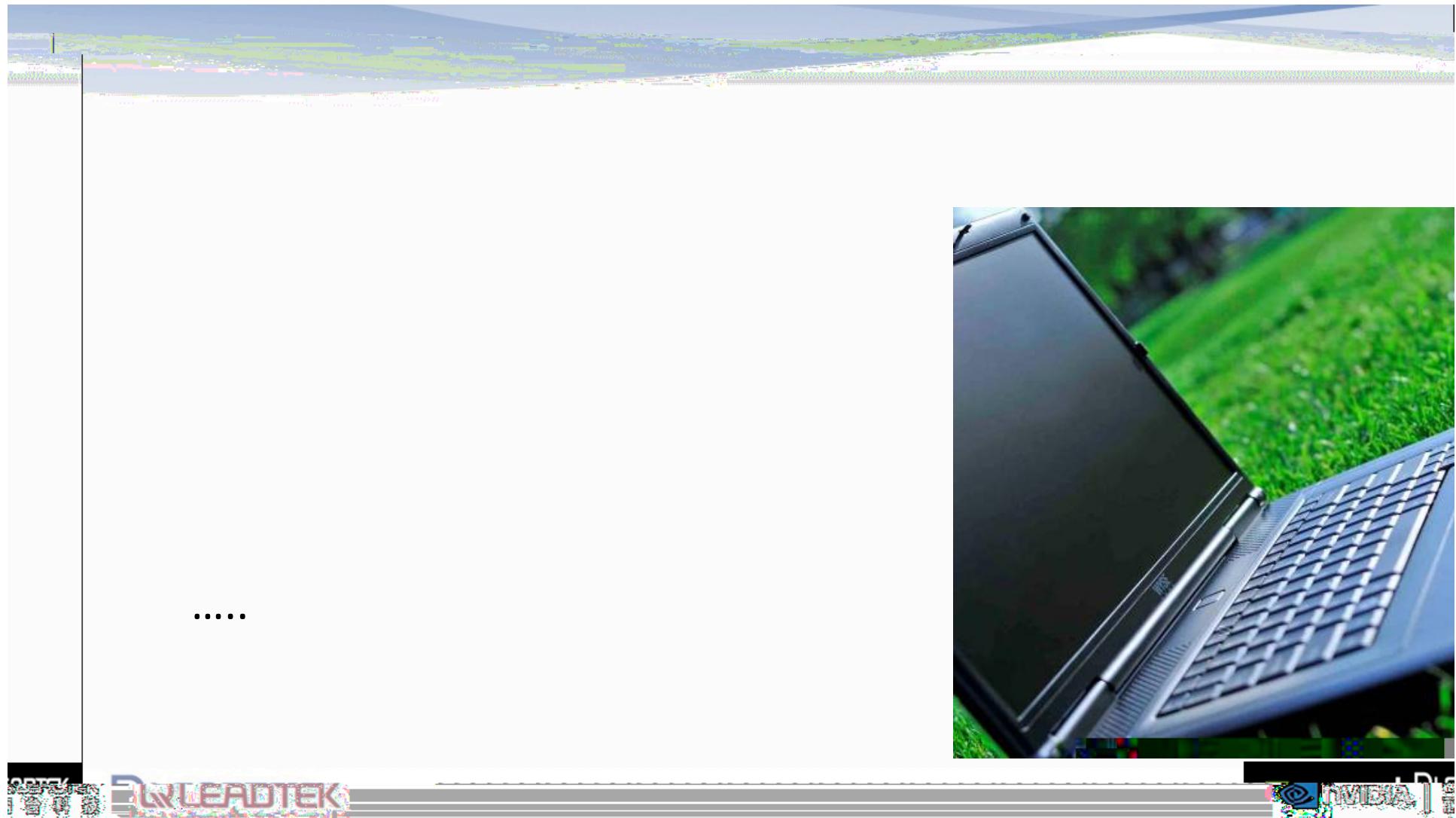


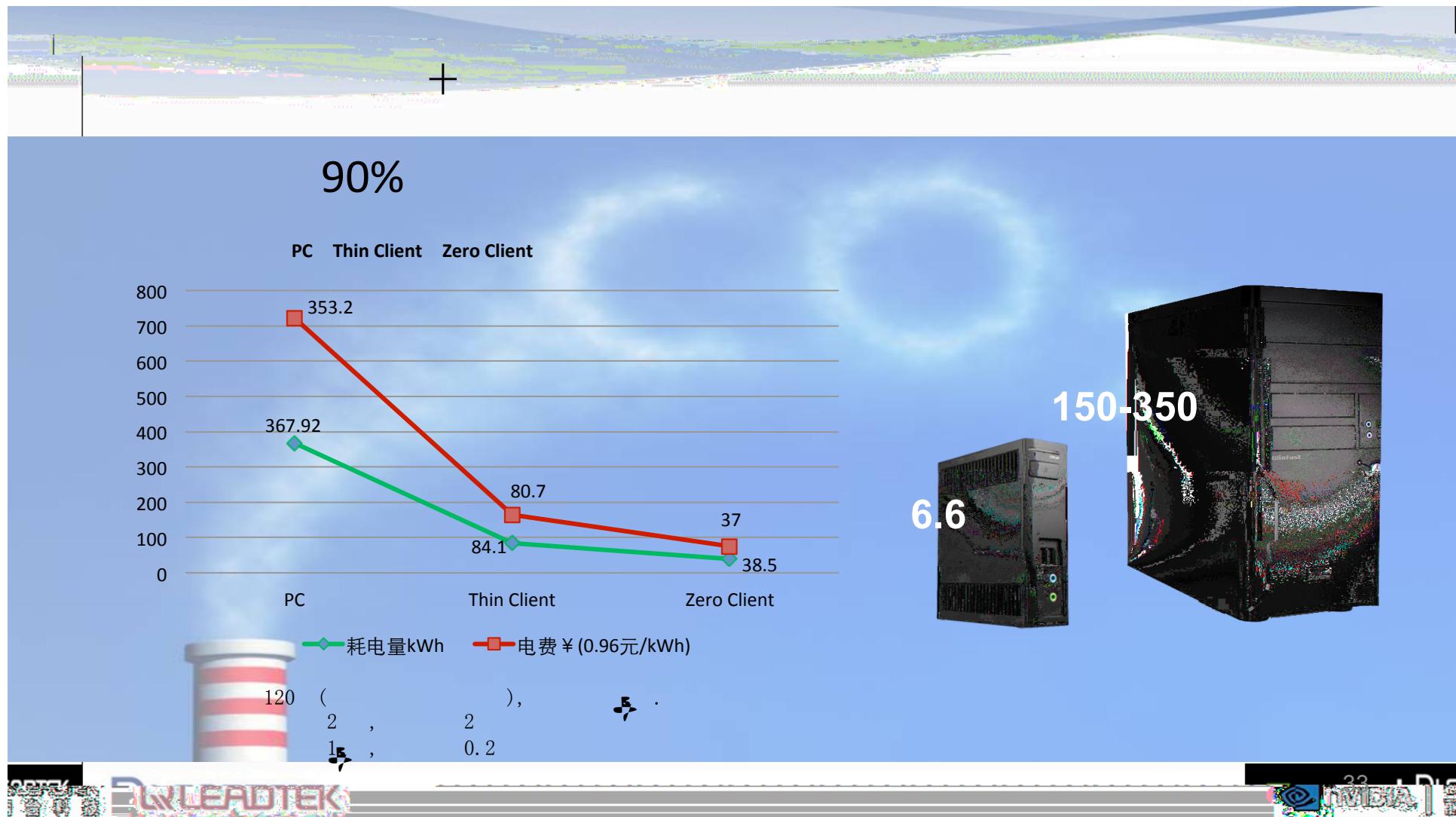




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VMWARE

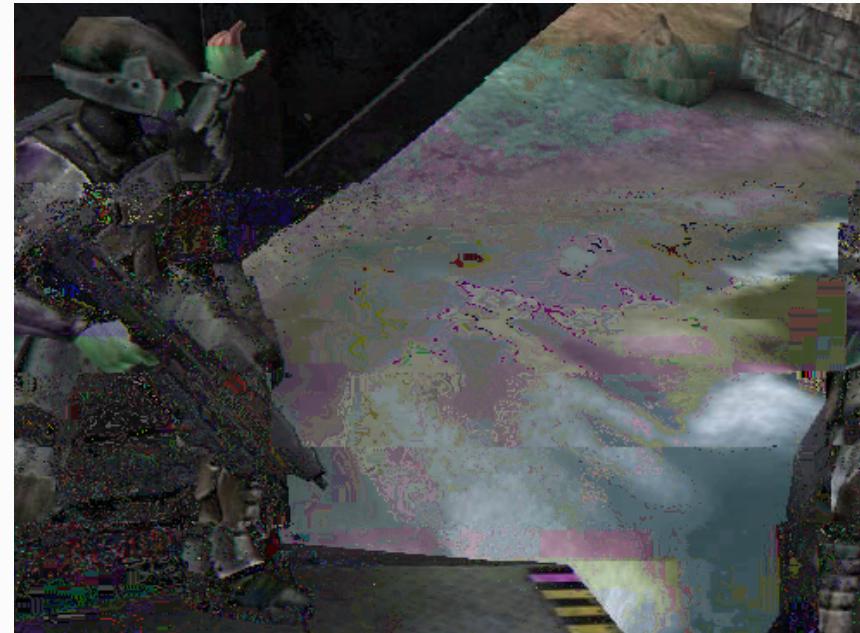
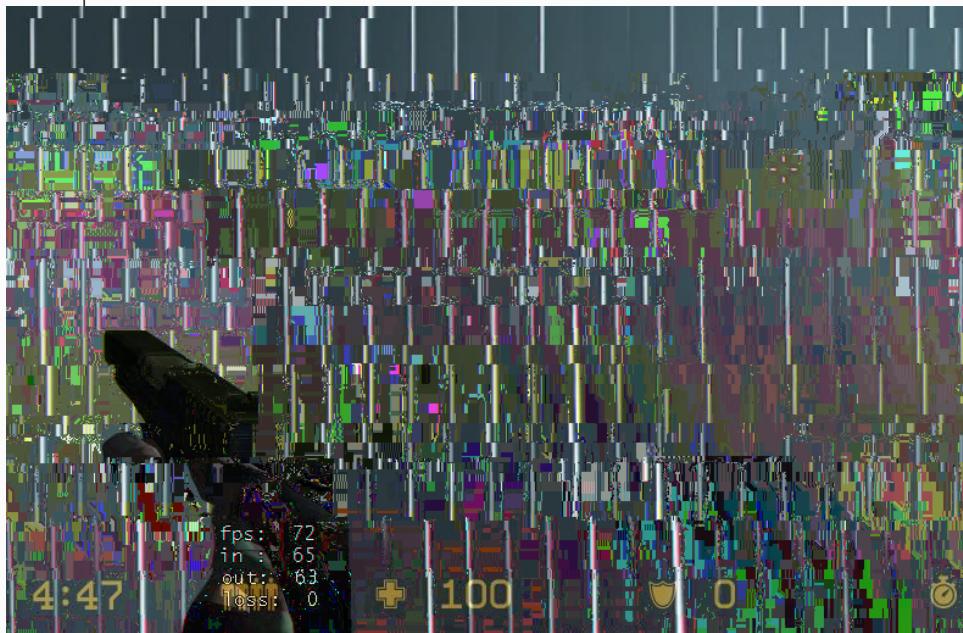
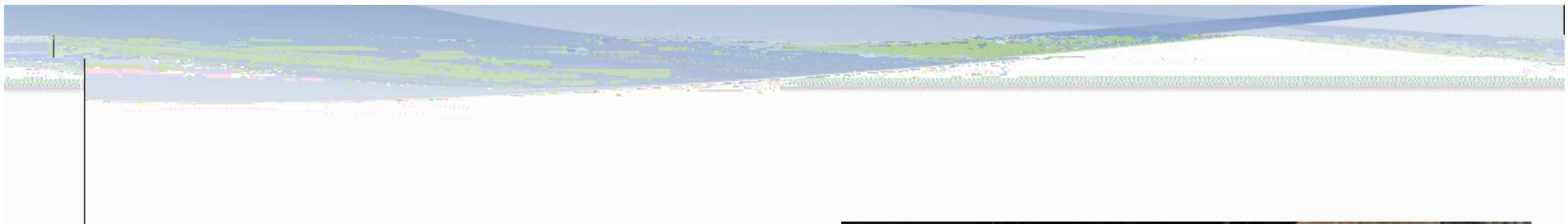






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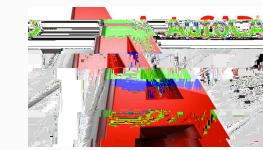
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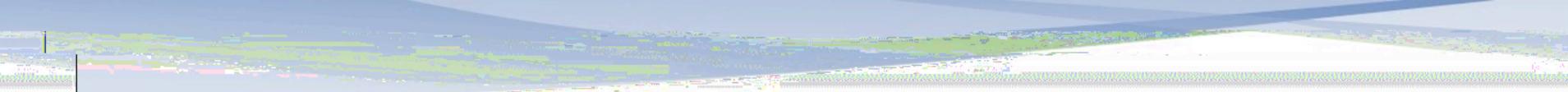
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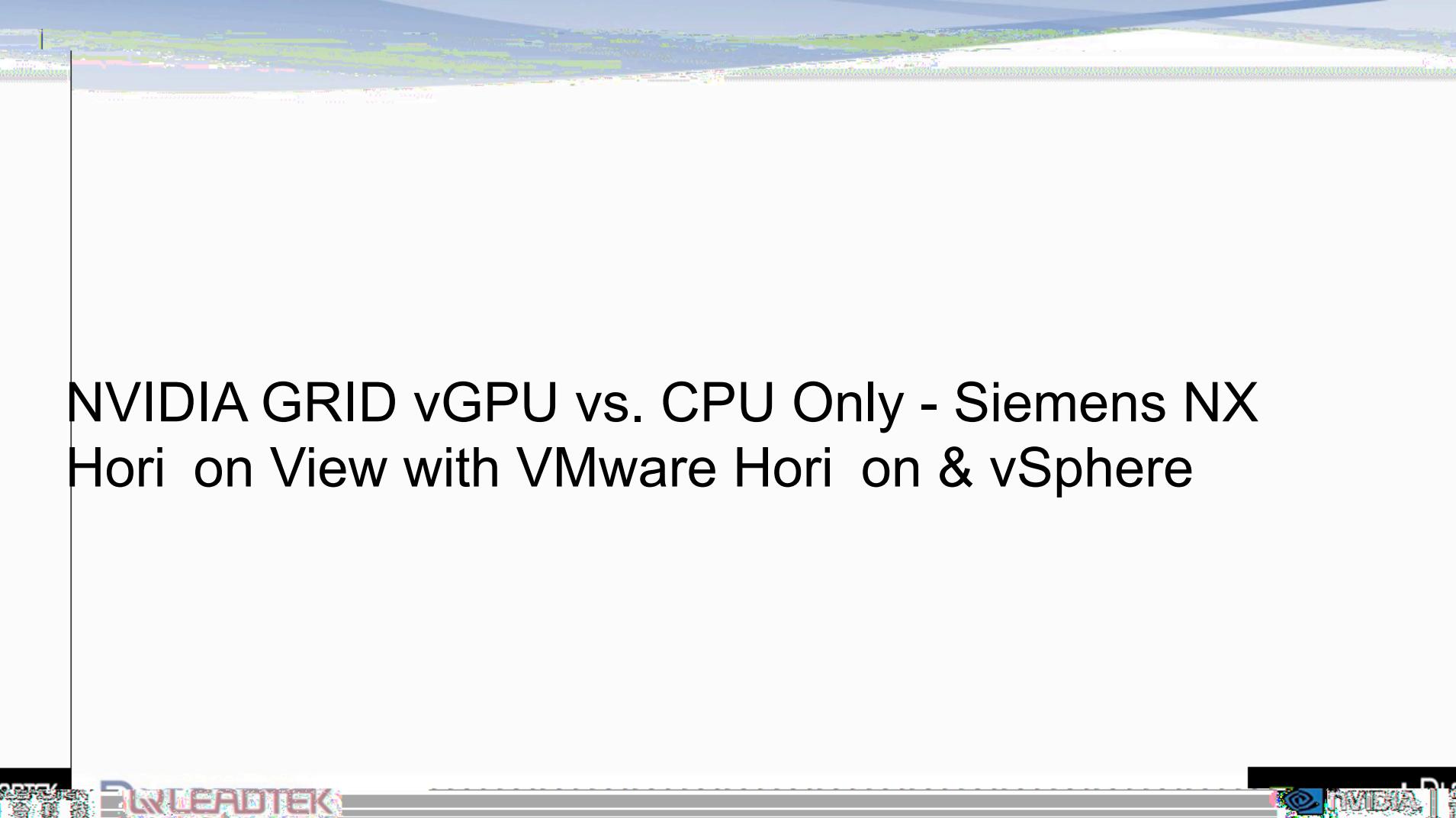


丽台3D图形GPU虚拟化方案

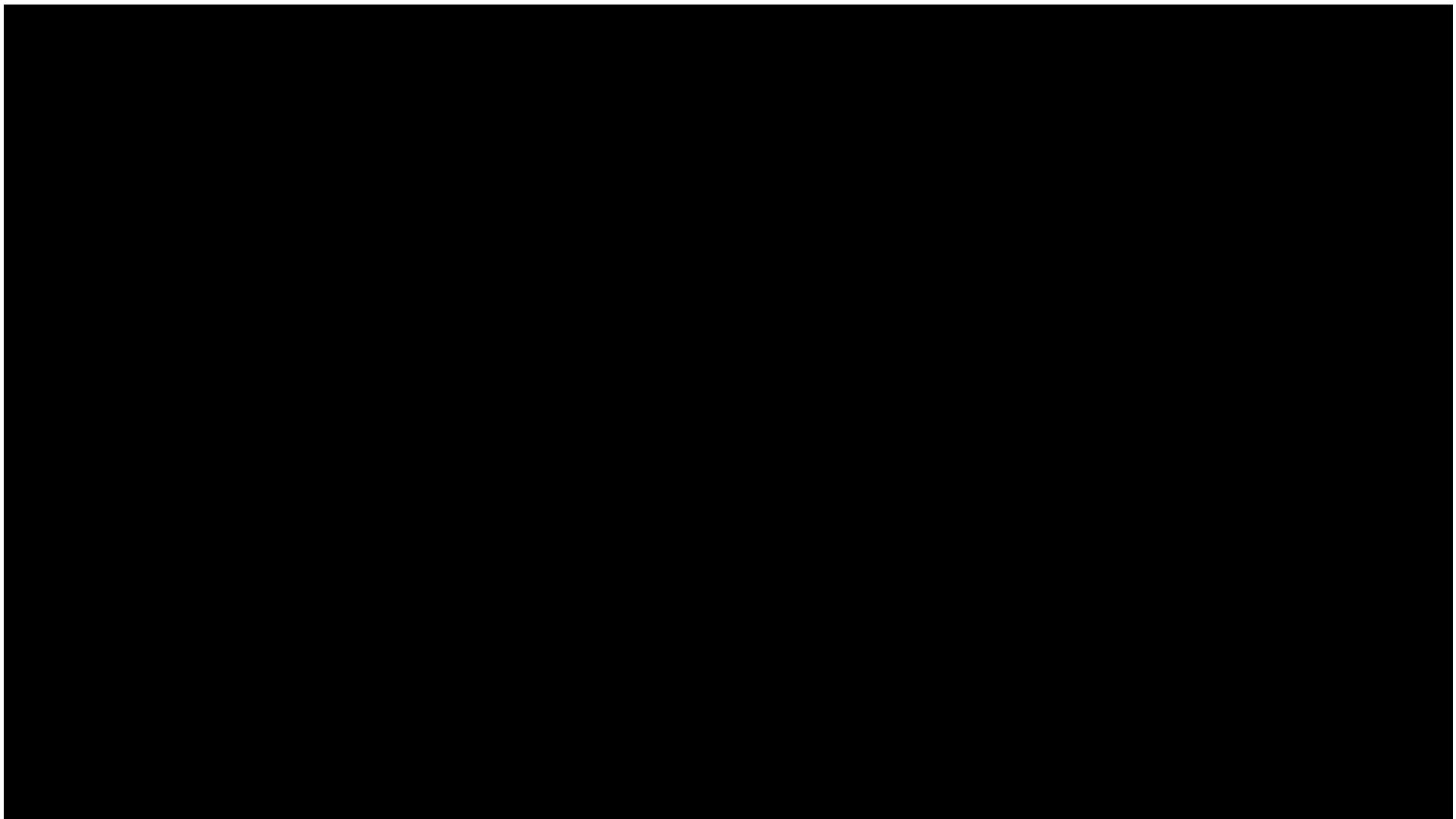


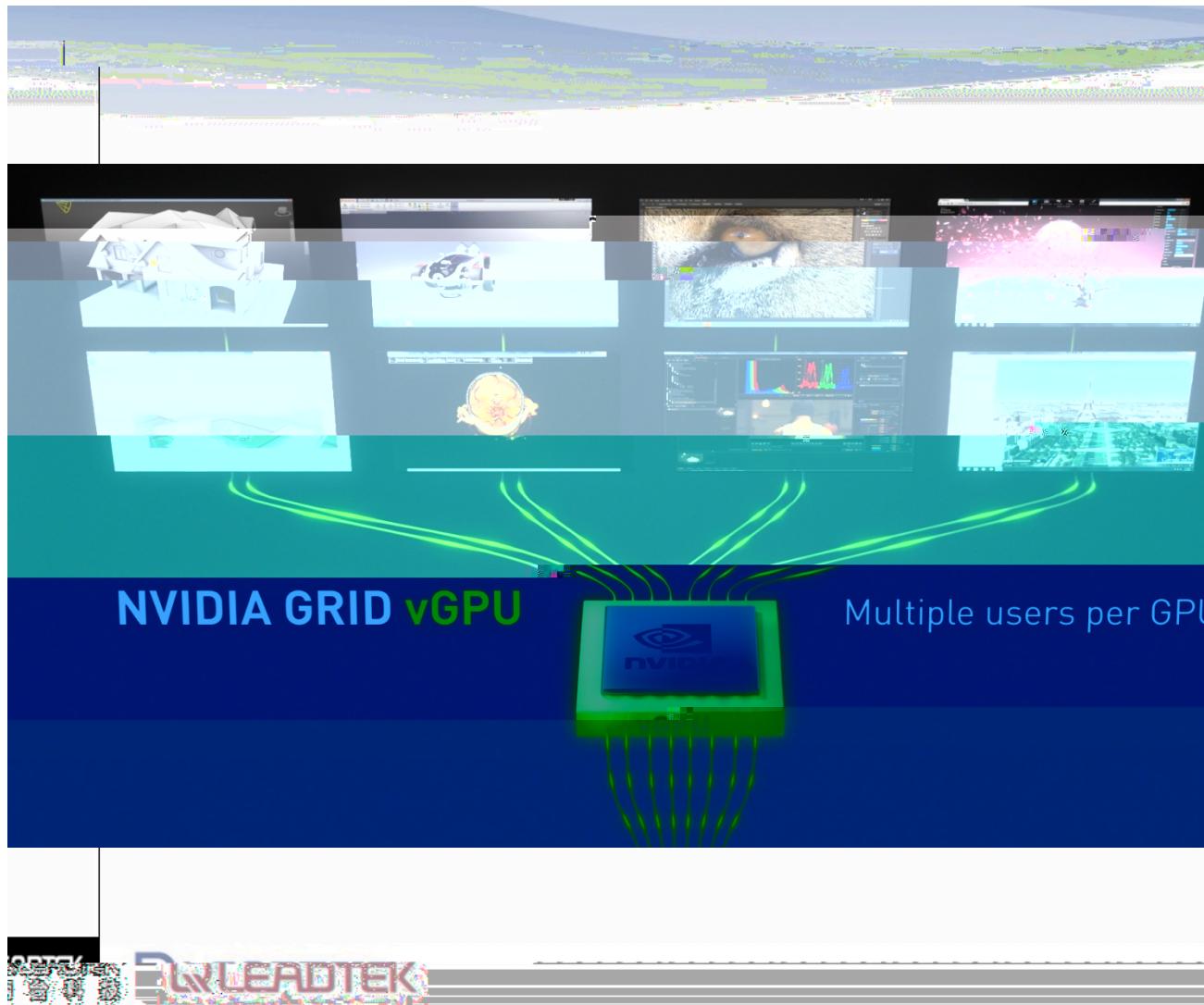


NVIDIA GRID vGPU on VMware vSphere



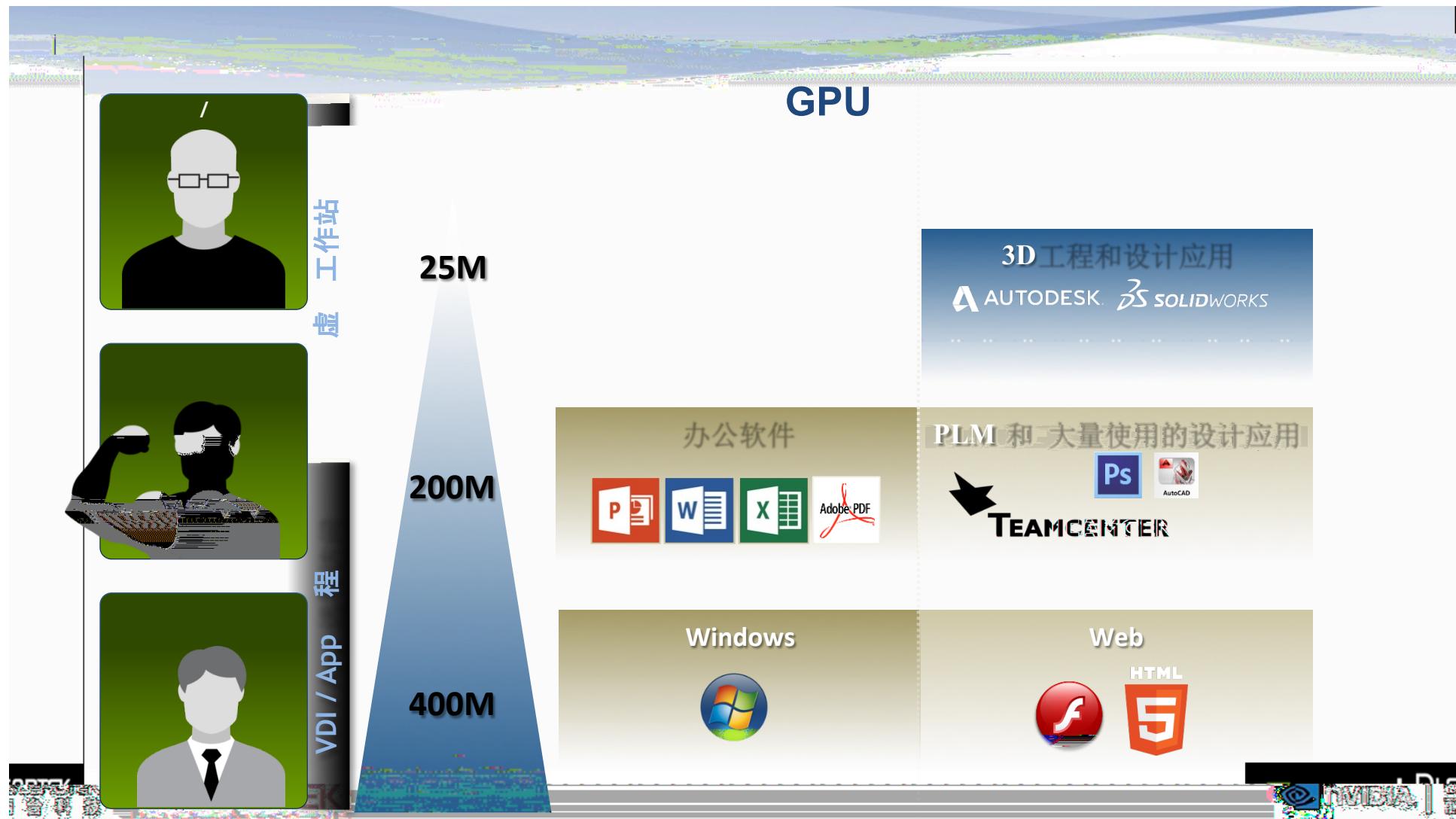
NVIDIA GRID vGPU vs. CPU Only - Siemens NX Hori on View with VMware Hori on & vSphere





NVIDIA GRID vGPU





NVIDIA GRID K2

NVIDIA GRID K1

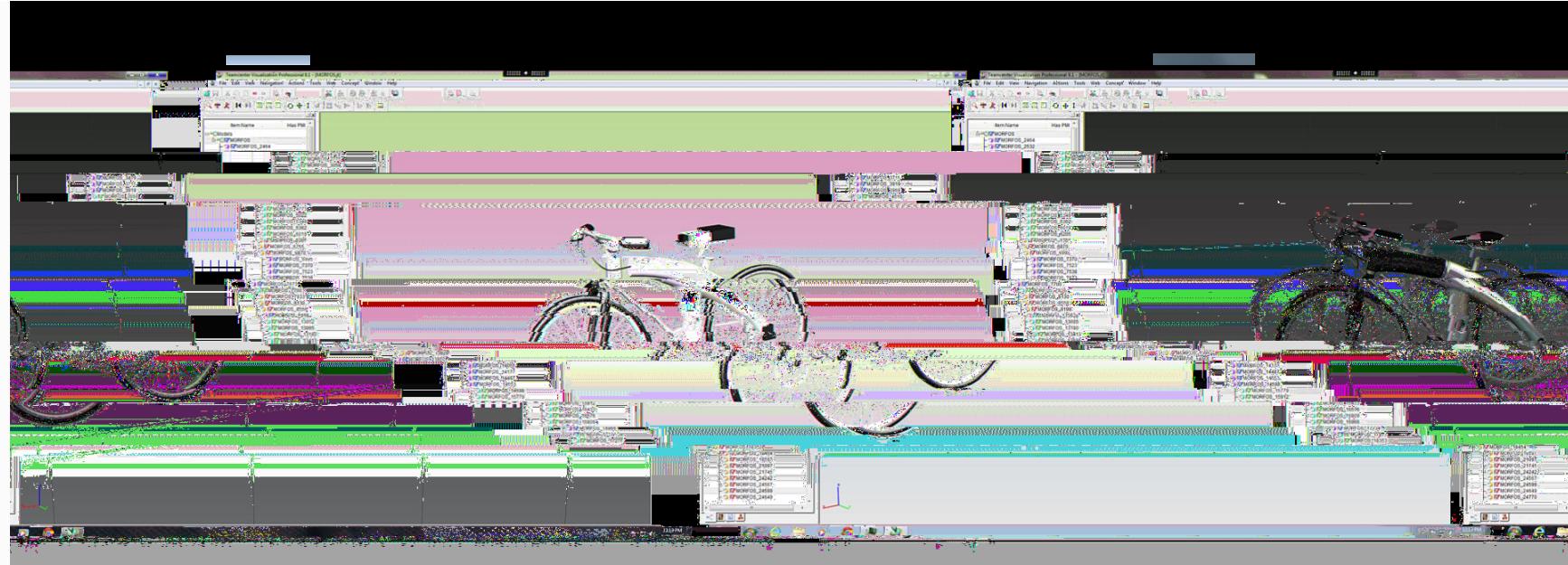
GPU	4 颗 Kepler GPUs	2 颗高阶 Kepler GPUs
CUDA 核心数量	768 (192/GPU)	3072 (1536/GPU)
显存容量	16GB DDR3 (4GB/GPU)	8GB GDDR5 (4GB/GPU)
最大功耗	130 W	225 W

Equivalent Quadro with Pass-through

Quadro K600 (入门级)

Quadro K5000 (高阶)

NIGHT AND DAY DIFFERENCE



ithout
GPU

NVIDIA
GRID™

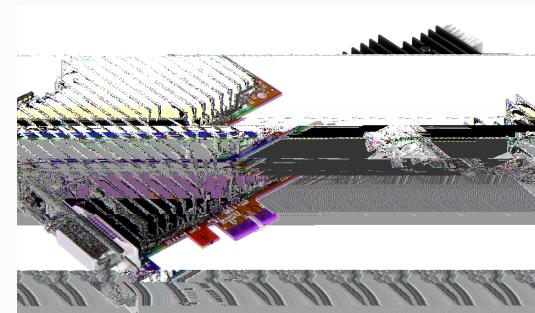
Experience without a GPU
Citrix XenDesktop

Experience with a GPU
Citrix XenDesktop





丽台WinFast PC-over-IP 虚拟桌面系统

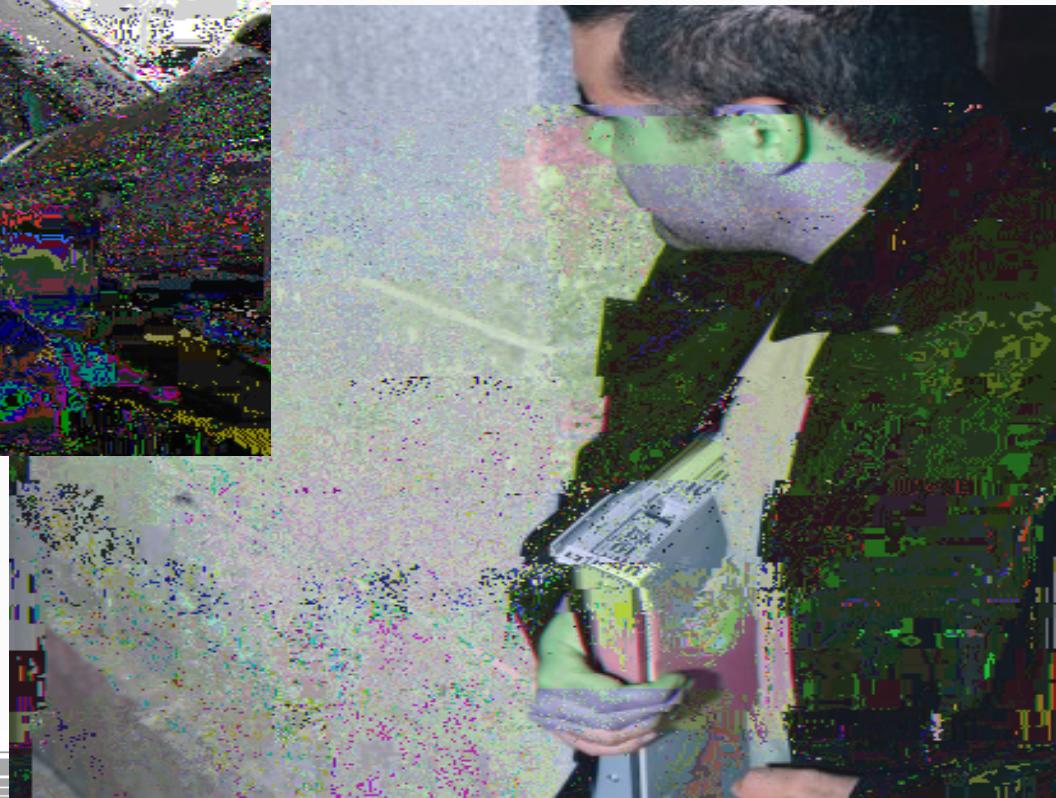
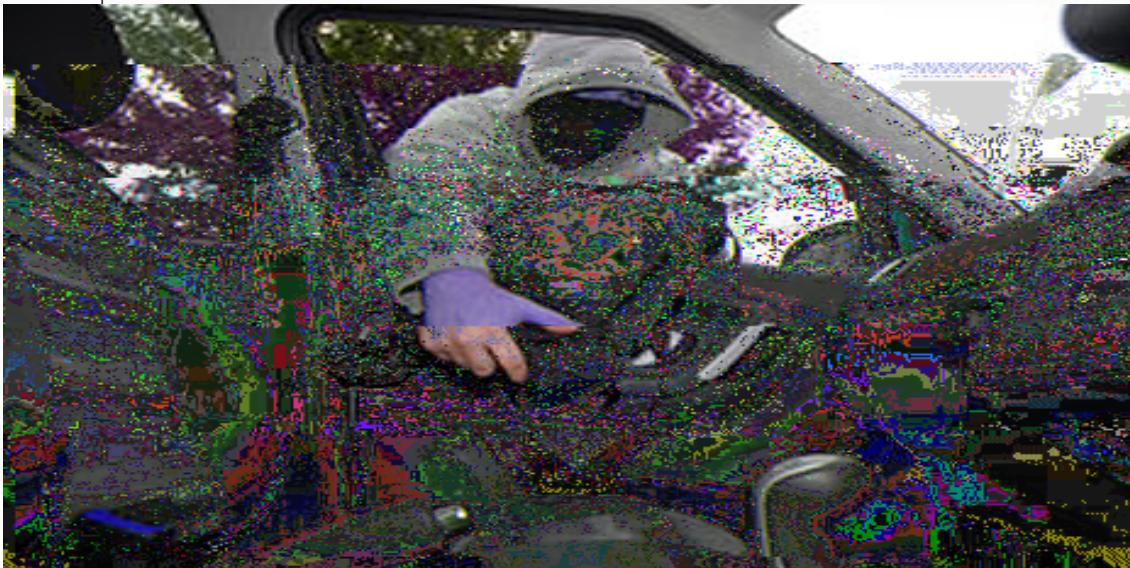


We're accustomed to having our
computers right at our desks



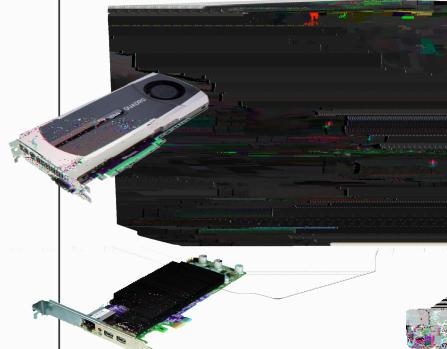


Physical theft is a constant risk...



图形工作站 让工作站无所不在

RJ45 SFP F C
D DVI V
H H PCI-E 1 H C



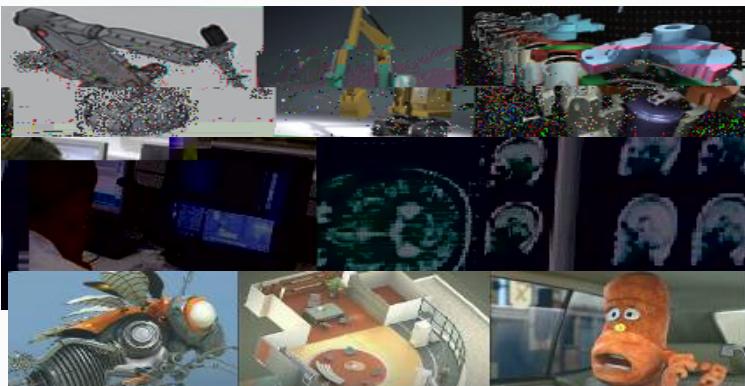
● T /S
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● C
● N Q GPU S



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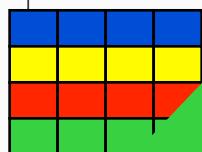
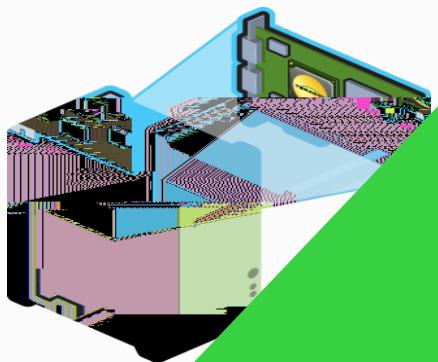
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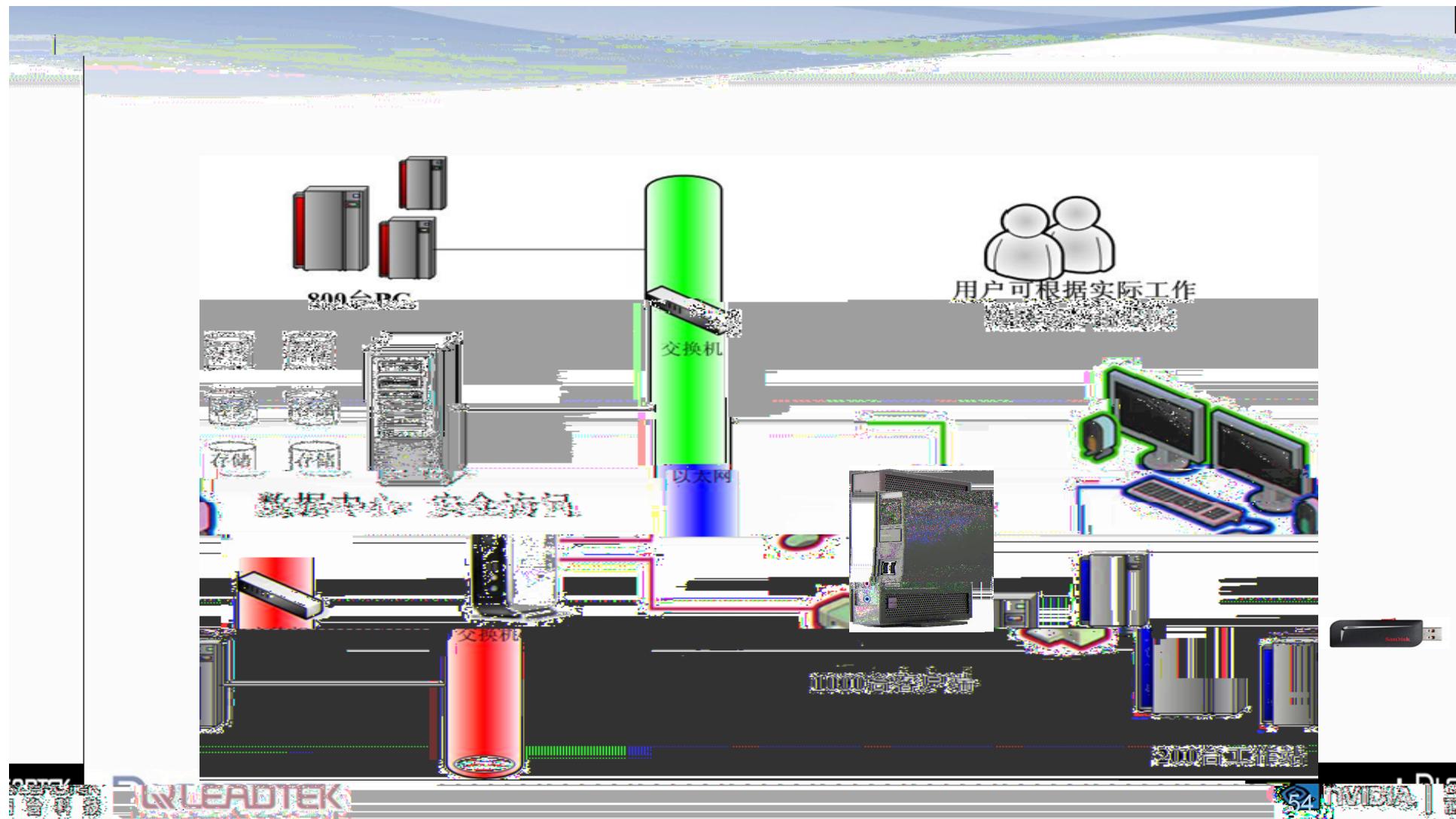
PCoIP uses custom hardware

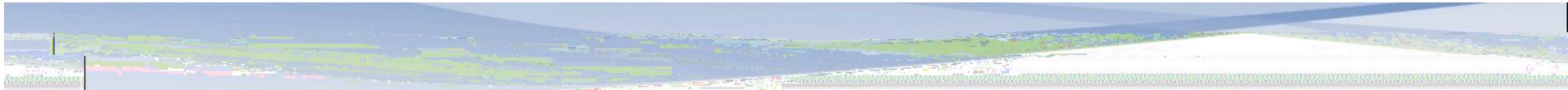
PCoIP-Enabled Host in Datacenter



Vid

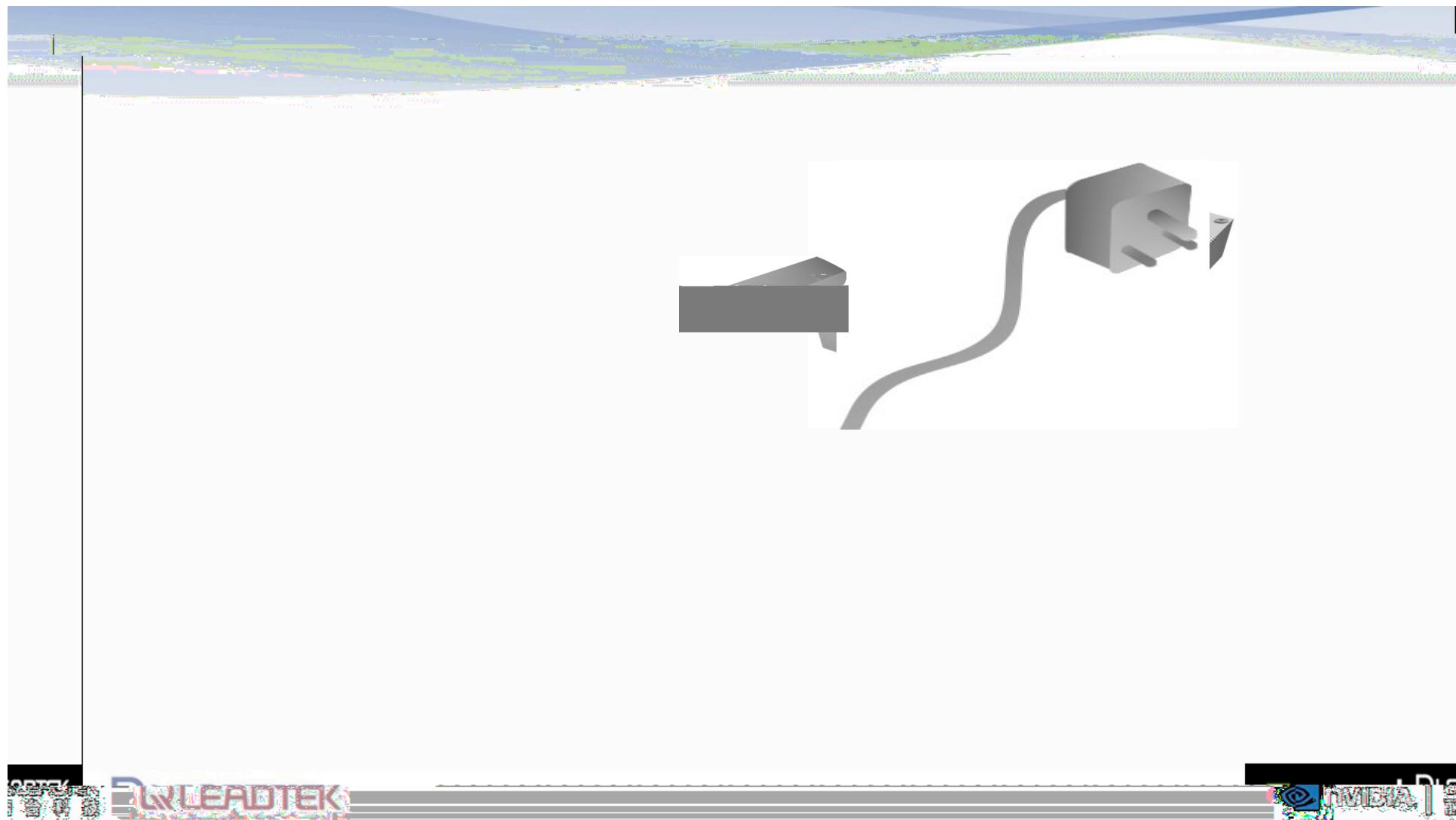






丽台PCoIP产品系列





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T 2321对			
PC	Thin Client	Zero Client	网卡
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是	要	要	<input checked="" type="checkbox"/> 不 要
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Tera 2321对

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GRID 方案 – VMware



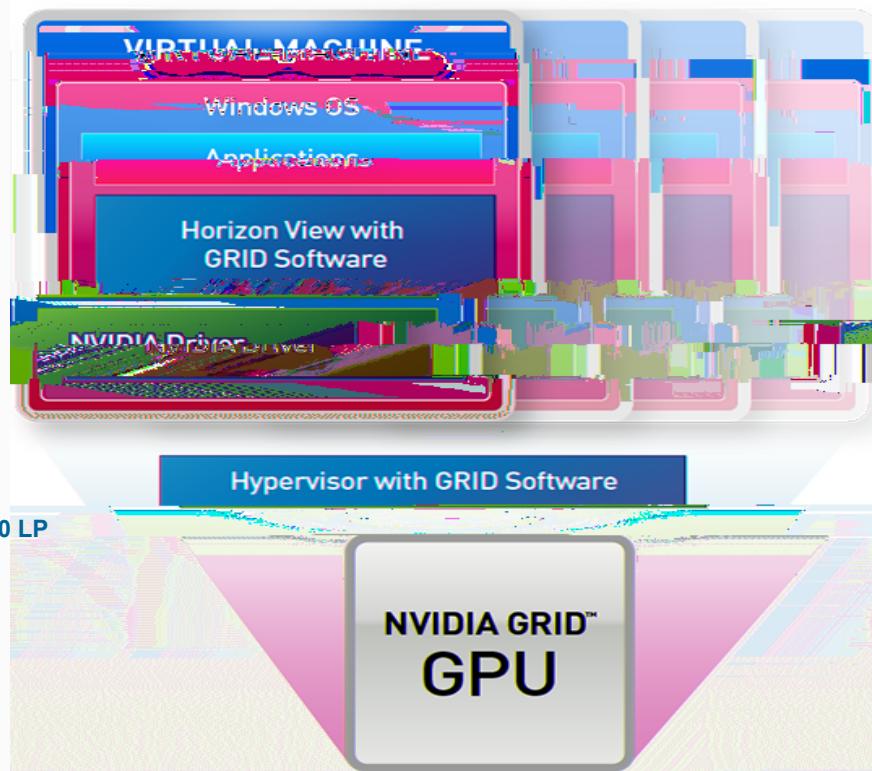
GS2000



PC IP APE 2800 LP



GRIDK1/ K2



GRID GPUs

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TERA 2321



NVIDIA GRID K1



NVIDIA GRID K2

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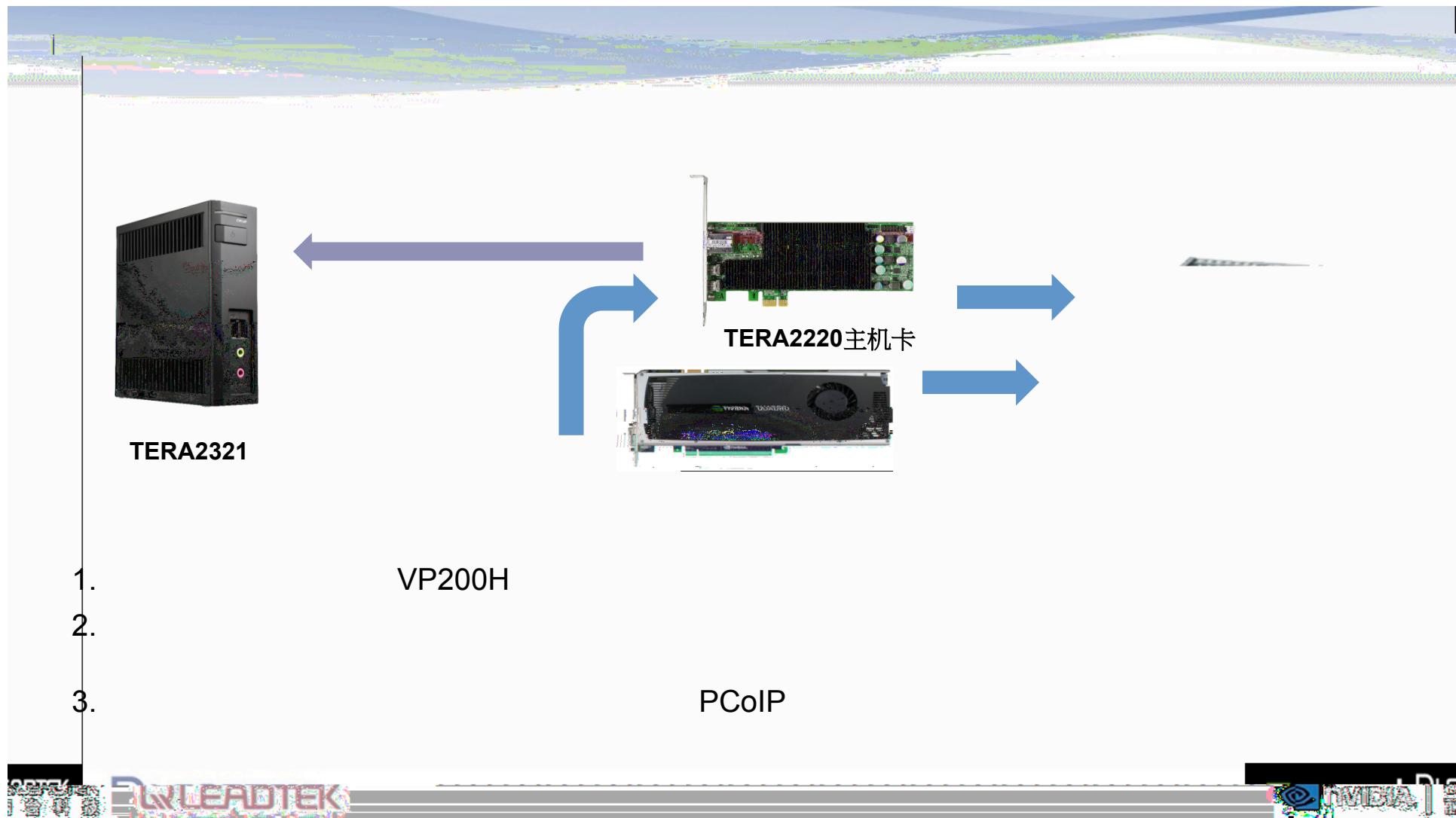
GS2000

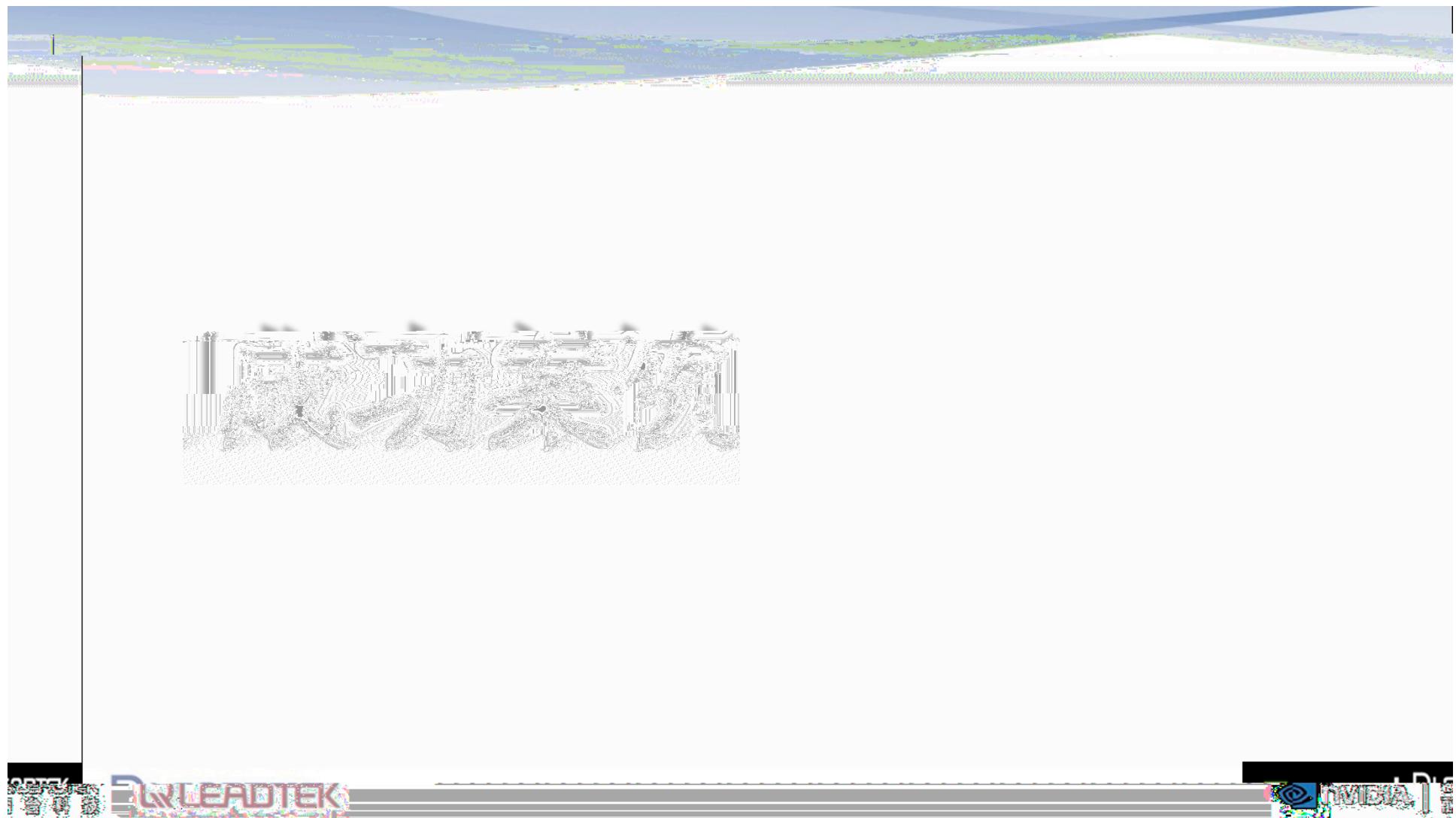
vmware

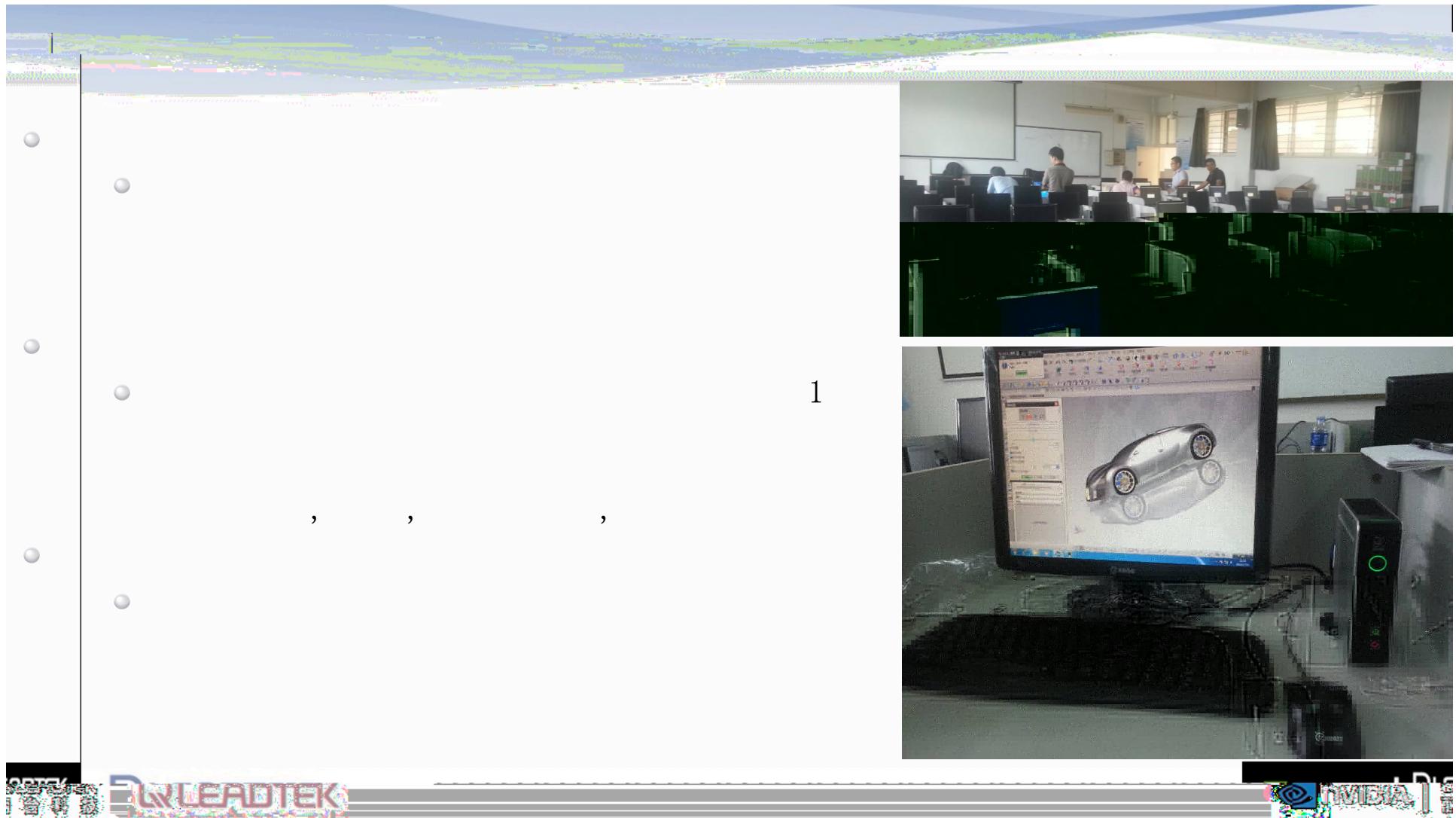
Hori on 6.0

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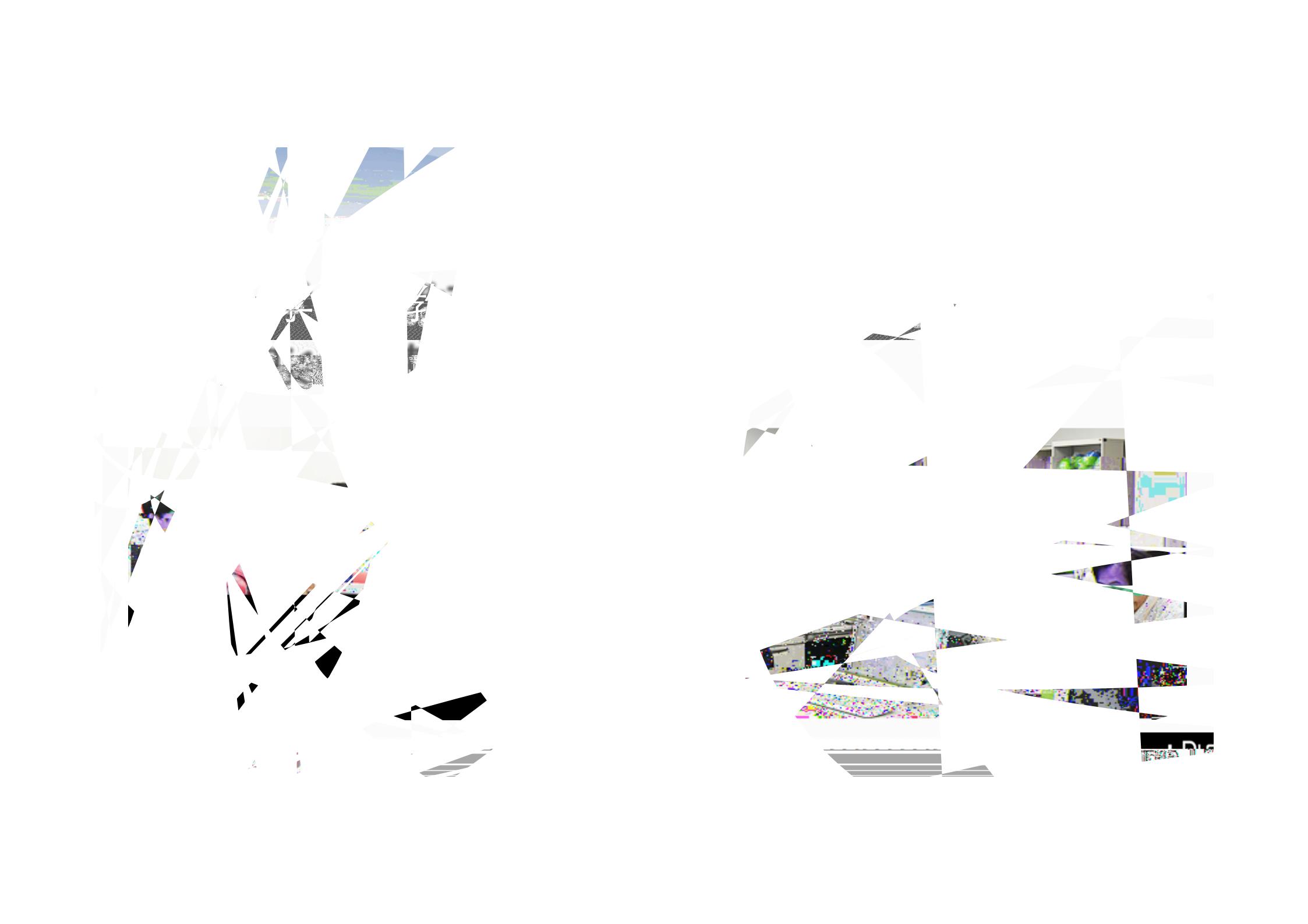
VMWARE

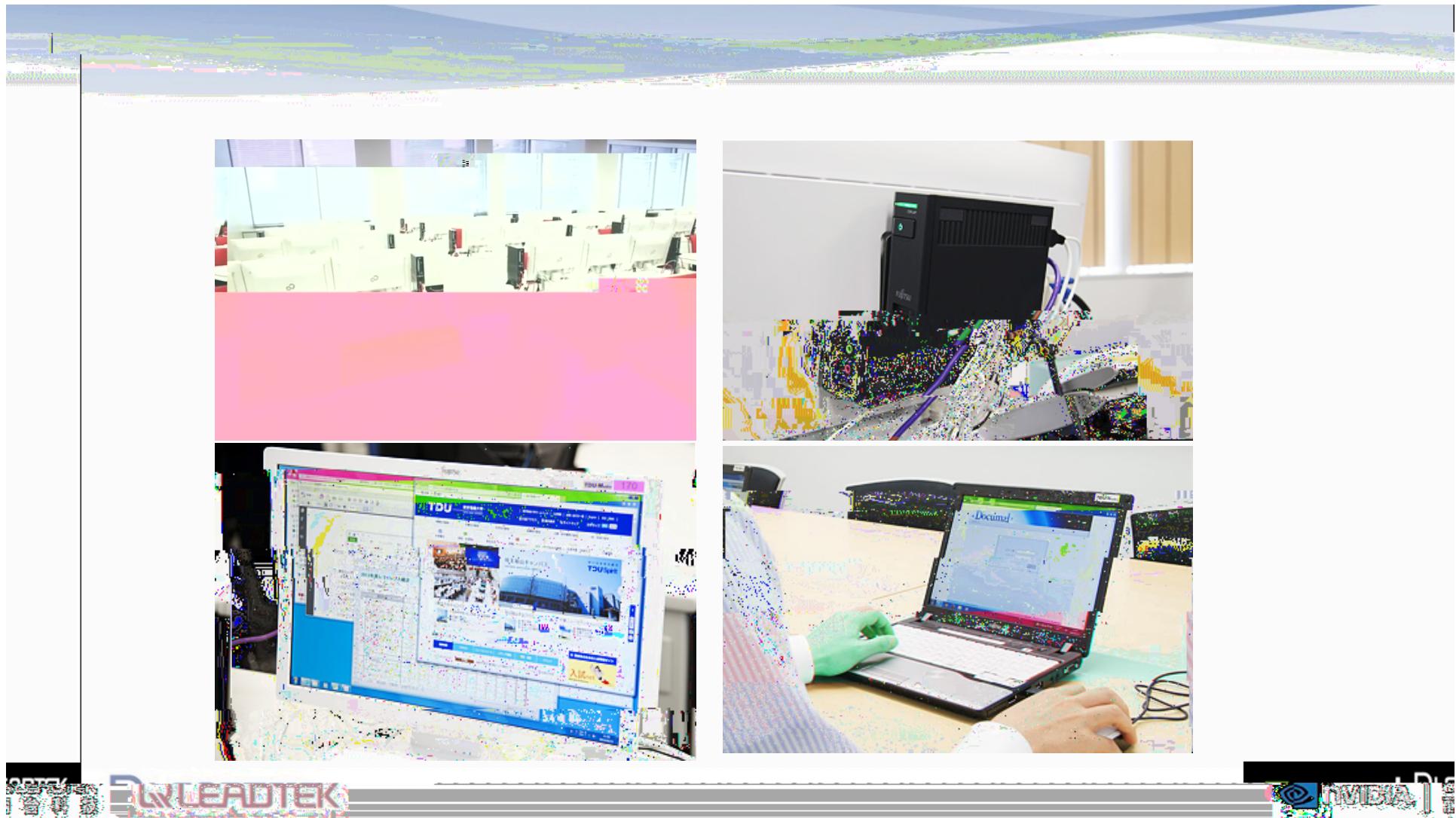






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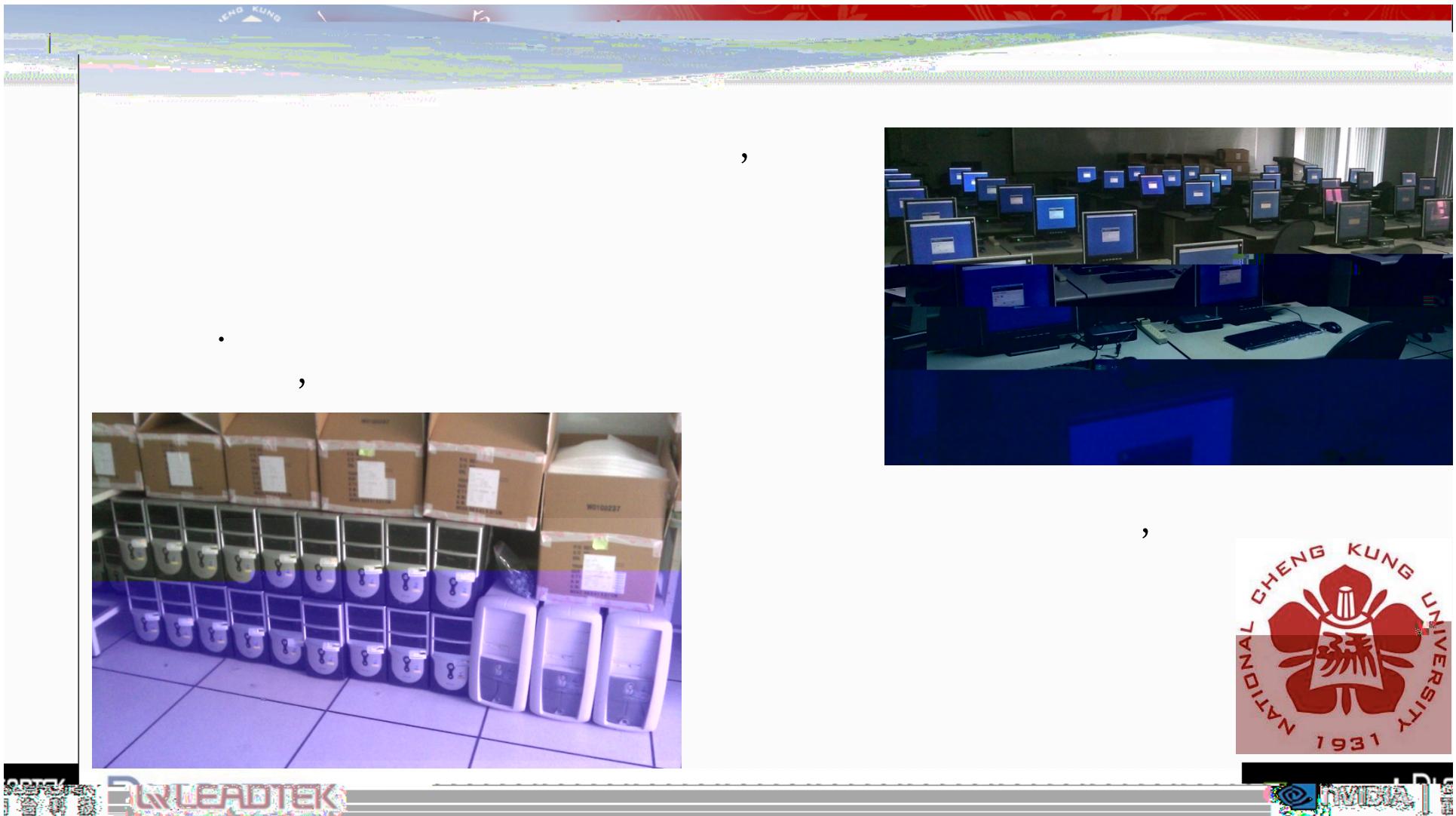
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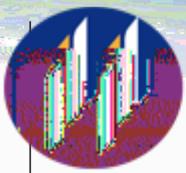
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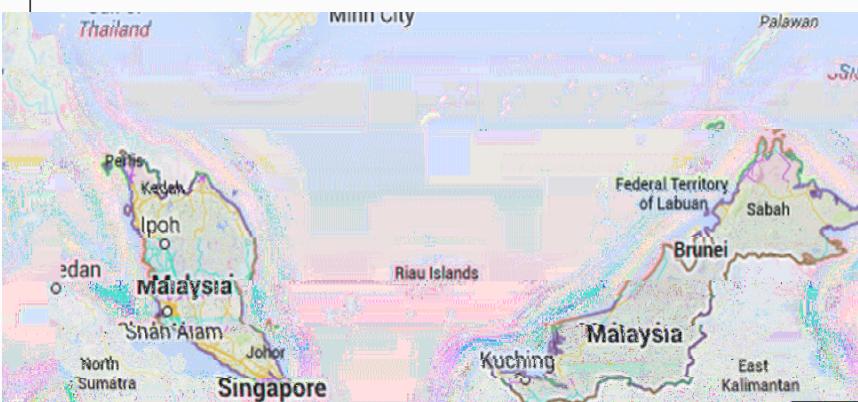
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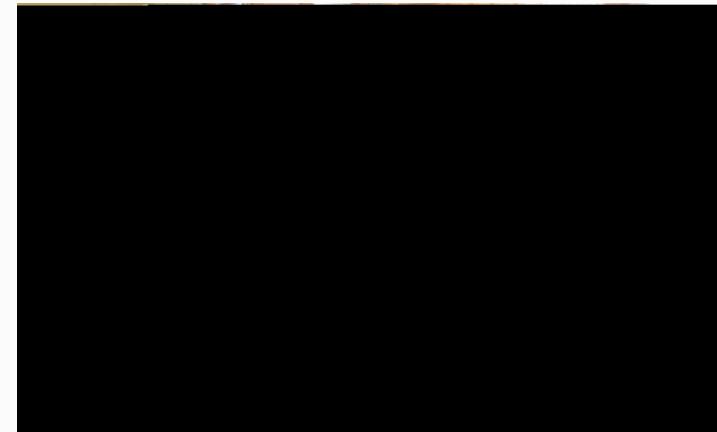


PORTAL RASMI

KEMENTERIAN PENDIDIKAN MALAYSIA



-12 ()





GRID

GRID Server

13661892827

teddy_xu@leadtek.com.cn



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: WinFast GS2000

CPU: E5 2650v2 *2

RAM:128GB

DISK: 480G SSD

GPU: GRID K1 *1

30

VMware Horizon 6



, , , , , , ,

: WinFast GS2000

CPU: E5 2690v2 *2

RAM:128GB

DISK: 480G SSD

GPU: GRID K2 *2

16

VMware Horizon 6

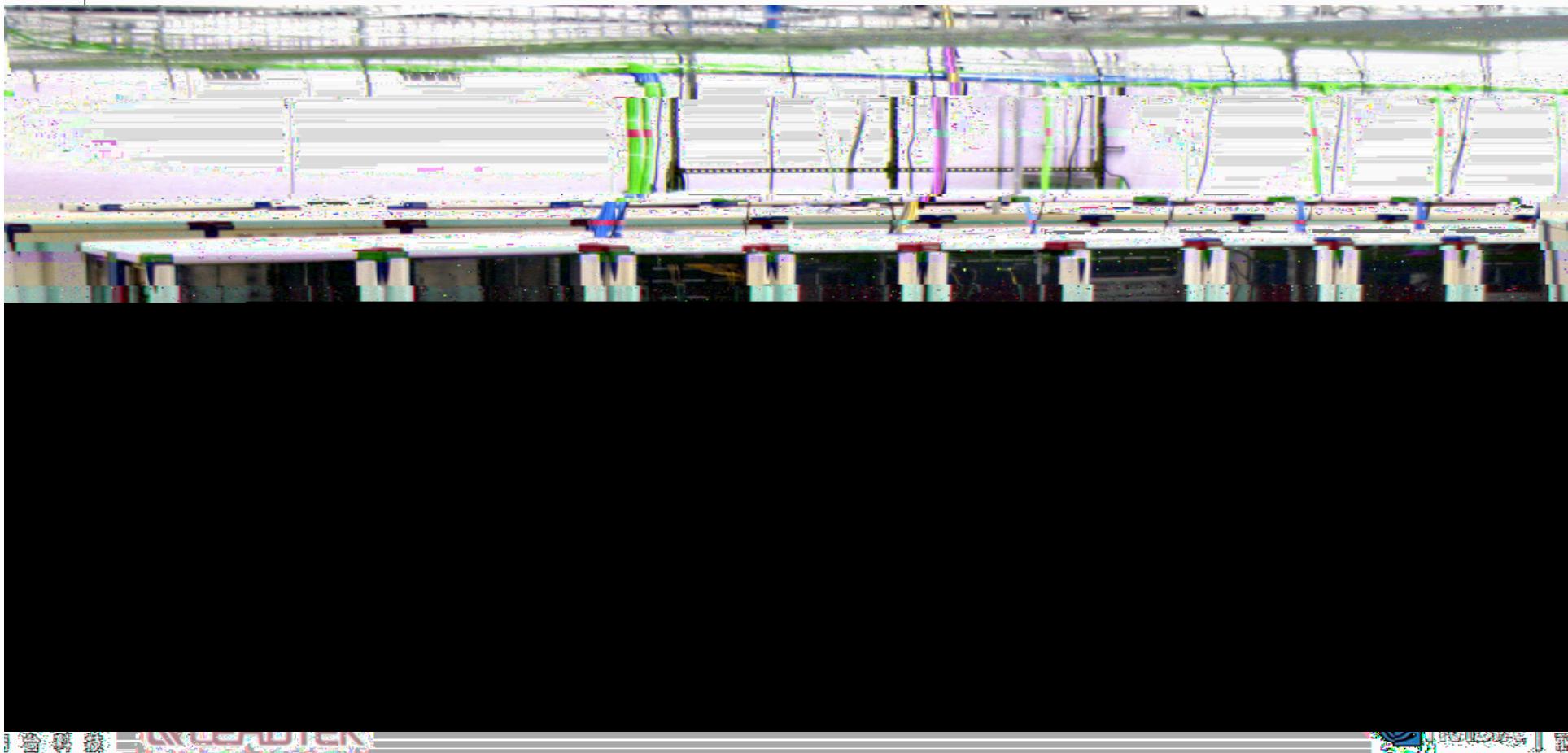


The PCoIP experience is essentially identical to a local PC

Dual 1920 x 1200 display support



Machines and data are secure in the datacenter



No data ever leaves the datacenter – only pixels



M D A R !!