Hologram Reality
by Euclideon

Presented by:
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Euclideon

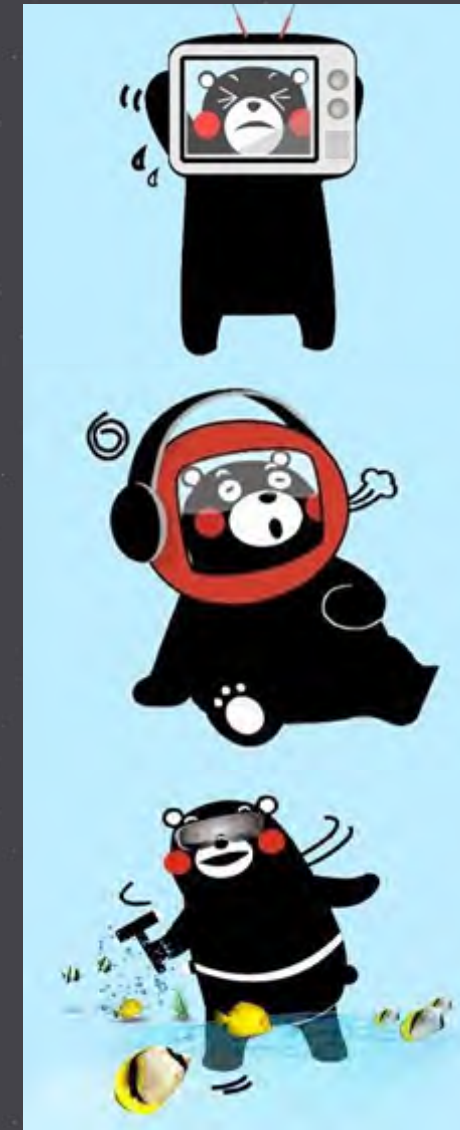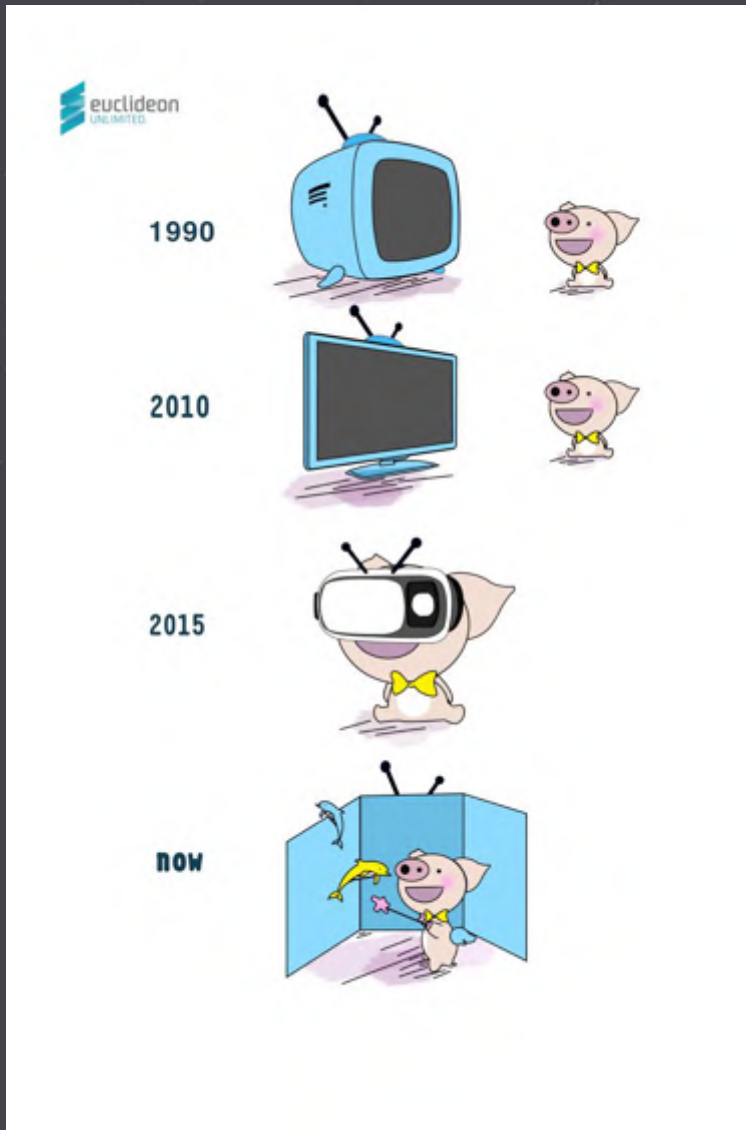# 全息虚拟现实时代已经到来
Hologram Era has come

全息呈现的视觉感受：人与图像完全融为一体　Hologram makes people immerse into 3D environments
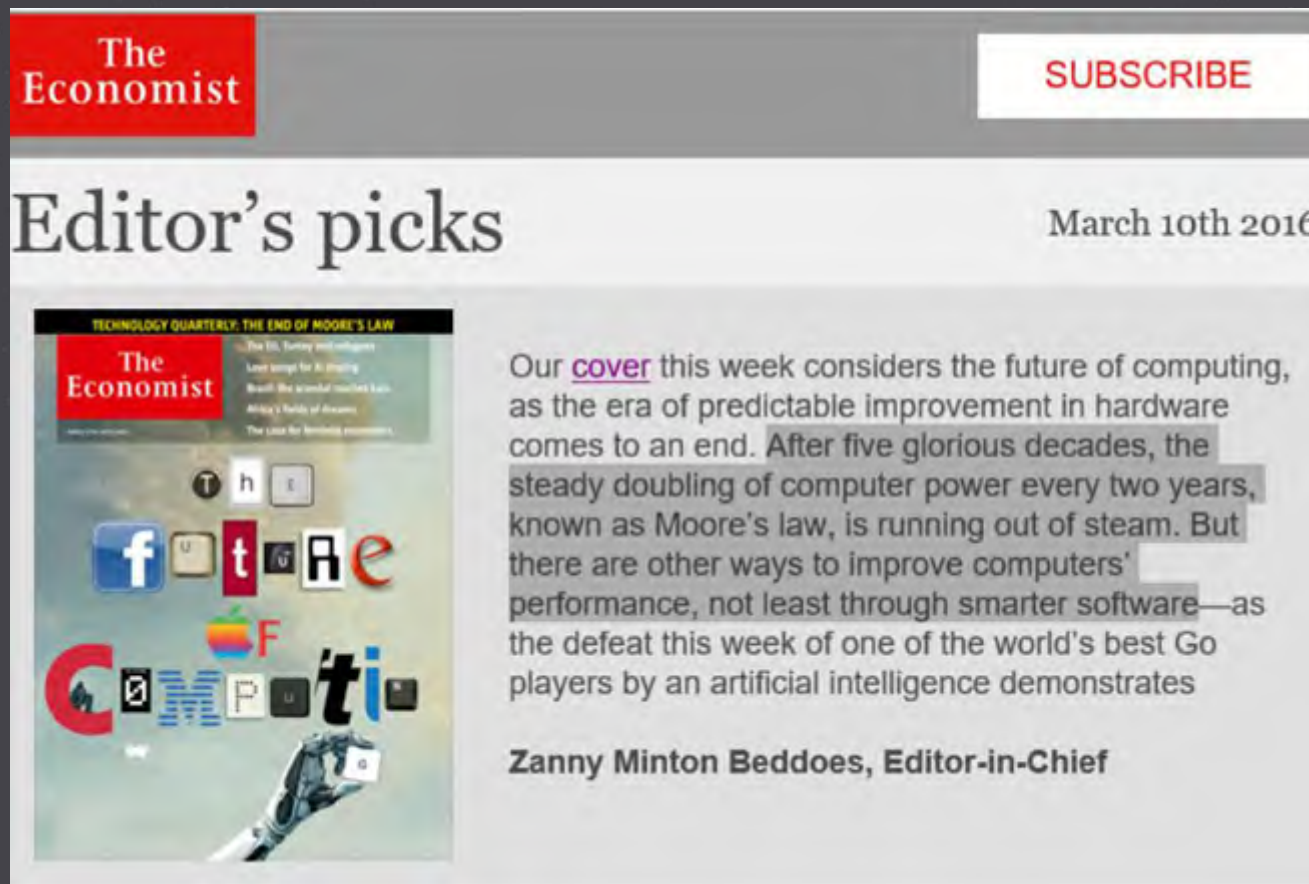
VR

AR

Hologram

Euclideon's technology is about to change the whole world with Smarter Software.

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-Bruce Dell
CEO of Euclideon

用聪明的软件解决问题，减少硬件依赖
Smarter Software Reduce Hardware Barrier

摩尔定律的打破已经成为新的常态。替代材料的使用，不同的量子效应，更重要的是，突破性的新软件技术，使我们对硬件的需求都有可能发生改变——不再要求更快、更小或更低能耗，革命性的软件突破已经改变世界。

优立提供全球性价比最高的全息可视化解决方案
Euclideon Provides the Best Cost-effective Holoroom Solution

德国Fraunhoper研究院的全息室
Holoroom from German Fraunhoper

VS

澳大利亚优立科技的全息室
Aussie Euclideon

- 11台投影仪　11 projectors

- 13台高性能电脑　13 high-performance computer

- 26张高性能显卡　26 high-performance GPU

- 占用实际全息面积3倍空间 extra three time holoroom space

- 成本135万美金　Cost 1.35 million USD

- 稳定性低　Poor stability

- 互动性弱　 Poor interactivity

- 4台投影仪　4 projectors

- 1台中等性能电脑　1 standard computer

- 1张普通显卡　 1 standard GPU

- 无需额外占用空间　No extra space requirement

- 市场售价16万美元　Cost 0.16 million USD

- 稳定性高　Good stability Performance

- 互动性强　 Good interactivity

优立是谁？

全球总部位于澳大利亚布里斯班

大中华区总部位于深圳

世界领先的基于3D影像数据处理的高科技公司

虚拟现实全息技术的全球领导者

Headquarter in Brisbane , Australia

Established China headquarter in Shenzhen

leading-edge 3D graphics and holographic high-technology

 company in the world

技术介绍
Core Technology Competences

虚拟现实技术的瓶颈在于
超强3D图像的处理能力
高效3D内容生产能力

bottleneck of Virtual Reality industry
capacity of processing huge 3D graphic files
Efficiency of 3D content creation

核心技术积累

Core Competence

Geoverse
MDM

Geoverse
Convertor

Solidscan

UDWeb

Holoverse

2011

2012

2013

2014

2015

处理无限量超大3D图像
Unlimited power of
3D graphic processing

多种数据格式转换
超快速数据提取

Convert multi format and
skip Ram to fast
processing

3D高清复制现实

Copy real world in high
Resolution 3D

网络端快速传输

Fast stream online

虚拟现实全息技术

Hologram Virture Reality

虚拟现实全息技术

Amazing Efficiency in Producing Contents

利用高清激光扫描技术快速获取内容素材

Laser Scan and Solidscan copy from real world

优立独有的CDS内容创作系统取代游戏程序员工作，超快速低成本生成动漫和游戏

Unique Content Development System greatly reduces game programmers' work. Create animations and games by creative artists in a far more cost-effective way

新型动漫制作工艺

多边形Pologan   VS   点云Point Cloud

优立全息室中的动漫内容

娱乐领域的应用：

大型全息互动中心

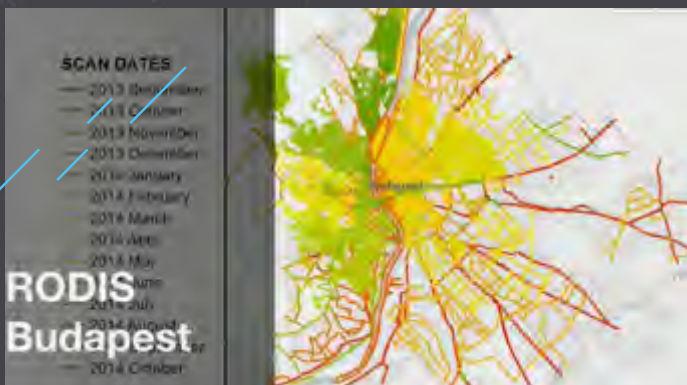Application in Gaming
Hologram Entertainment Center

全球第一家全息互动中心2016年5月29日在澳大利亚的黄金海岸正式营业

昆士兰州长亲自出席开业仪式

2016年下半年优立将在中国各大城市开设大型全息互动中心。

The world's first hologram entertainment centre, Holoverse opened in Southport on the Gold Coast, Australia on May 19th, 2016. Governor of Queensland cut the ribbon at opening ceremony

More hologram entertainment centre are expected open in China in second-half of 2016

多行业应用

城市管理及交通领域
Urban management and public transportation

匈牙利政府运用优立公司的Geoverse 系统和激光扫描技术做城市管理

Hungary government used Euclideon Geoverse and laser scanning for urban management

建筑设计与规划
Town planning and design

城市规划部门可将设计好的建筑模型植入到扫描的3D图形文件中，进行设计规划

Combining scanned architectural models with 3D graphic materials for town planning

文化遗产保护及虚拟旅游
Heritage protection and Virtual Tourism

TLS - Heritage protection

对历史建筑和文物进行高清3D复制，利于旅游推广、修复与保护

High definition 3D modeling of historical buildings and cultural relics for promotion, restoration and protection

多行业应用
Industrial Applications

房地产行业
Real Estate

客户可以随时随地在网上360 度 浏览房子
的所有细节，开发商可以通过全息室替代
样板房

Clients are able to view the house in 360 degrees not
matter where and when using hologram room rather
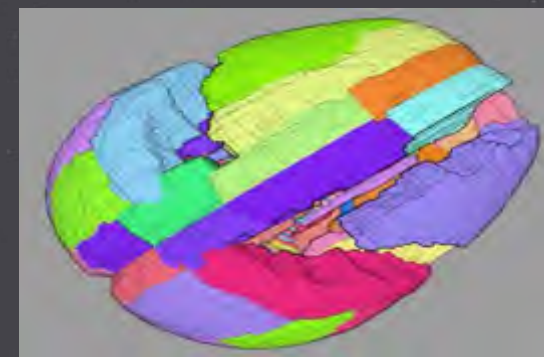than visiting a real model.

模拟训练
Simulated training

公共安全、军事、消防演习、飞行模拟、
安全生产、核工业等领域的全息化应用

Hologram technology in public security, military, fire-
drill, flight simulation and nuke industry

全息教育
Education

医学、物理、化学、历史、地理等多个学
科的全息化教学

Hologram education for medicine, physics,
chemistry, history, and geography etc.

平台战略
Platform Strategies

- 打造全球最大的3D内容制作平台和发行平台。在各城市设立3D内容创作中心，普及优立CDS内容制作系统，建设开放式内容制作平台，打造众创内容产业链。

Create the largest 3D content and distribution platform. Establish 3D content create center in cities, in order to promote CDS and estabolish opening content creation platform

- 打造行业共享的三维数据云计算平台。将几项领先全球的技术对中国用户免费开放，将小众行业应用普及到大众，做行业发展的推动者。

Establish an industry sharing 3D cloud computing platform. Provide free access of several leading technologies for Chinese customers. Promote the applications from niche to general as the industry leader.

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If I have seen further, it is by standing on the shoulders of giants.

-Newton