



# FORUM AEROSPACE INNOVATION

► APRIL 25 AND 26, 2016

**COLLABORATE  
GLOBALLY  
TO DEVELOP  
AEROSPACE  
INNOVATION**



IN COLLABORATION WITH:



ORGANIZED BY:



Québec's Aerospace Cluster

# Virtual & Augmented Reality Technologies: landscape & industrial applications

Frédéric Guarino, VR Valley



# 2016: the year of VR ?

Facebook-Oculus, HTC, Sony, and Samsung are all launching competing headsets in 2016



# VR & AR “hyped” as next platforms

Tech industry has been looking for the next computing platform

VR & AR have been showered with billions of corporate and VC \$

Dell Reveals More Configurations for Virtual Reality PCs; Introduces First VR-Ready Dell Precision Tower Workstations

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Date : 3/31/2016  
Round Rock, Texas

- Dell introduces new, recommended minimum system hardware configurations to support an optimal VR experience for professional users with HTC Vive or Oculus Rift VR solutions
- Dell upgrades Precision Tower and Rack Workstations for VR content creators using professional applications in engineering, science, energy, and entertainment



**“Fixed” VR**



# VR landscape

**Mobile VR**



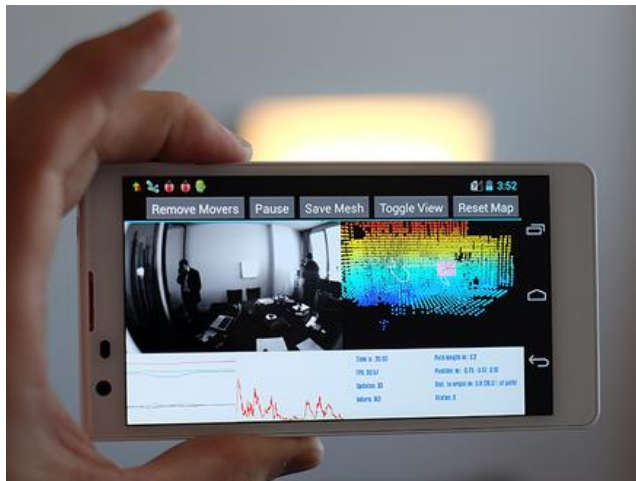
# AR landscape



Project Tango



Microsoft  
HoloLens





# AR landscape



# VR & AR industrial applications

Consumer/prosumer VR & AR technology could have similar impact on industry as PC, mobile or recent desktop 3D printing

Moving from screens to headsets for display will have multiple industrial applications





V R V A N A

Early vision for industrial  
applications

# VRVANA presents the FUTURE of Training

In AR mode, surgeons in training can receive advice, tips and instructions from a third party that will appear in the lenses as they work

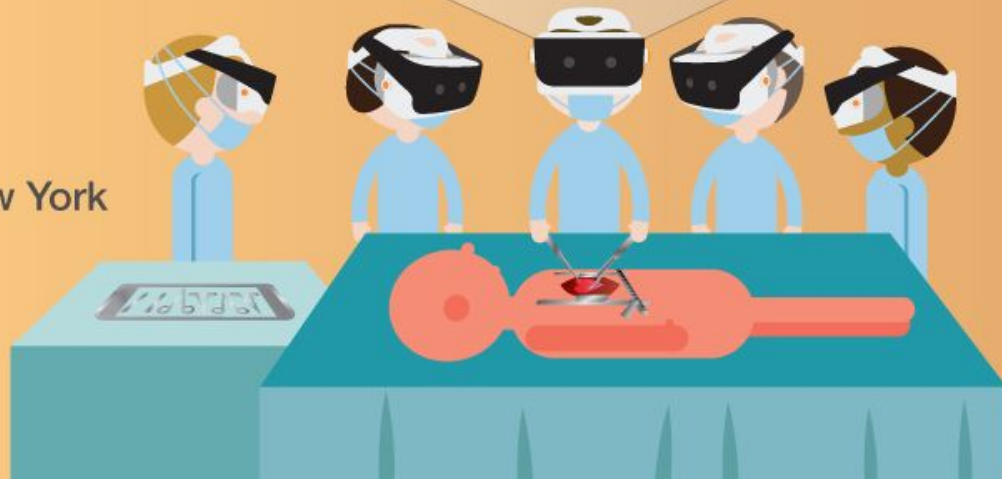


Los Angeles



With Vrvana's VR, Doctors and medical staff can practice for complex surgeries under the supervision and guidance of a leading specialist in a remote location

New York

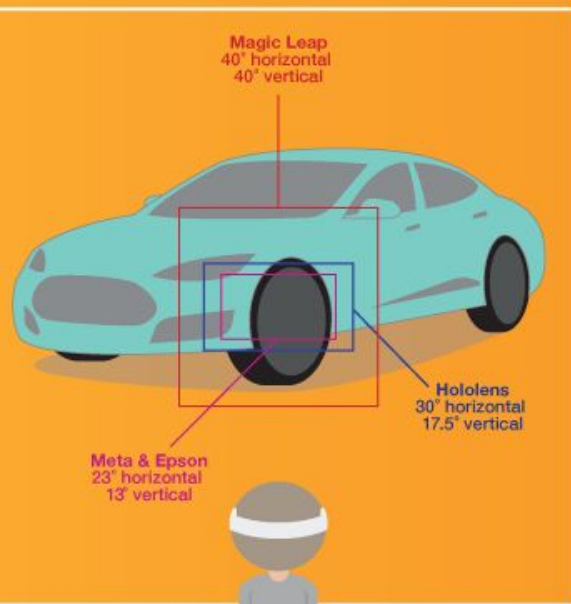


VRVANA presents the FUTURE of

# Collaborative Design

Our FOV (field of view) blows away the competition!

Vrvana Totem  
120° horizontal  
120° vertical



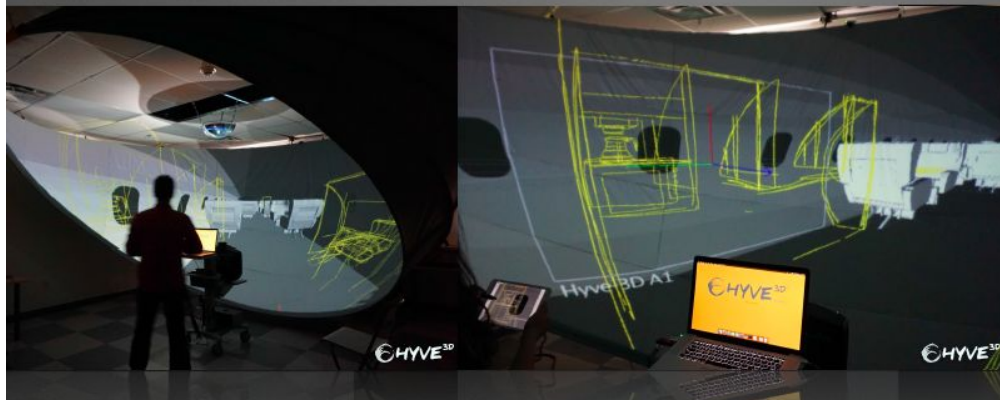
In VR mode, the viewer can easily toggle between different interior view options



# Screen-less VR & AR



Immersive version



Desktop version



[www.hyve3d.com](http://www.hyve3d.com)

hybridlab Inc.

