Speaker:
Gwen Coble

Title:
HP, Inc.
EMEA Director Z Workstations, Thin Clients, Retail Solutions & Immersive Computing

Session 23495:
Title: VR for Professionals – Introducing the first commercial VR wearable high performance platform
Gwen Coble
EMEA Director
HP Z Workstations, Thin Clients,
Retail Solutions & Immersive Technologies
Over 50,000 employees working towards your business goals.

$48.2B
REVENUE FY 16

250,000+
CHANNEL PARTNERS WW

Our partners make us strong, with operations in over 170 countries.

18,000+
PATENTS

HP Workstations are on a 14 year quality winning streak, with labs all over the world.

The heart of a startup + the muscle of a Fortune 100 company with 75+ years of experience.
REINVENTING OUR WORLD

HP is reinventing WORKSTATIONS to transform WORKDAYS around the world.

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SECURE
HP protects your device, identity, and data—including valuable intellectual property—with hardware and software solutions.

RELIABLE
HP Z Workstations are on a 14-year quality winning streak, managing incredible complexity & performance through proprietary test processes.

MOBILE
We want to free the engineer, the designer, and the artist from their desks with performance solutions that work with them anytime, anywhere.

MANAGEABLE
Manage thousands of devices, software updates, security updates, and data permissions easily with solutions like HP Manageability Integration Kit.
“Games make up 76% of all virtual reality content, with tens of millions of users.”
We see an even larger OPPORTUNITY in commercial VR...
Customers are ready to transform their workflows.

& the technology is here.
WHAT BUSINESS WANTS

To provide better customer experiences

To optimize investments in training & simulations

To shorten development cycles, from concept to production

3 key industries: theme parks, showrooms, and high-end custom design

$ U.S. training expenditures are in the billions

fast expedite iterative design and rapid prototyping rounds
TRAINING

HEALTHCARE

DESIGN VISUALIZATION

CUSTOMER EXPERIENCES
COMMERCIAL VR STRATEGY

1. Deliver the **best, most immersive** virtual reality compute capabilities.

2. Deliver meaningful **end-to-end solutions** for our customers.

3. Learn and invest, with an eye toward future.
HP VR PORTFOLIO

- Architect
- Engineer
- Designer
- Game designer
- Visualization guru
- Deployment
- Retail customer
- Public
- Executive clients

End-to-end STRENGTH

HP WORKSTATIONS

OMEN X VR PC Pack by HP
HP VR Solutions
VR ready solutions capable of fulfilling both VR authoring & VR experiences

VR desktop workstations
VR mobile workstation
VR commercial desktop
I N T R O D U C I N G

The most powerful wearable VR PC on the planet

HP is partnering with VR leader HTC Vive
WELCOME TO THE HP VR Backpack

VR this powerful is no toy
CUSTOMER PAIN POINTS

It's not comfortable.  
Hard to interact.  
I feel disoriented.  
Difficult to update.
WHAT DID WE DO ABOUT IT?

THE WORLD’S MOST POWERFUL WEARABLE VR PC
FEEDBACK FROM CUSTOMERS

DELIGHTERS

✓ Amazing performance in demanding applications
✓ Surprisingly lightweight
✓ Thoughtful harness design – fits different body types!
✓ Docking is key for developers

NEEDS

✓ Security is a big concern
✓ Needs to be built for the work day, and manageable for multi-user scenarios
✓ Keeps cool, runs quiet
✓ High performance
✓ Durable—will this scratch, break, overheat etc?
HP Z VR BACKPACK SPECIFICATIONS

OPTIMIZED FOR BUSINESS
• NVIDIA Quadro P5200 graphics w/ 16GB video memory
• Intel® vPro™, Remote manageability
• Hardware TPM 2.0
• Windows 10 Pro manageability and security
• Mil-Std 810G

WIDE-COMPATIBILITY
• Can support all leading high performance VR HMDs
• Generous I/O choices for different peripheral interfaces

VERSATILE
• Unique dock solution to allow desktop mode
• Secure quick release from harness
• Secure quick snap on to harness
Available now

HTC VIVE BUSINESS EDITION

• Standalone enterprise friendly HTC VR software distribution solution
• 1080 x 1200 resolution per eye and 90 frames per second
• Business Edition with 1 year commercial warranty
Product Development: Conceptual design
Training and Simulation - Large equipment operations
VR IMMERSION CENTERS

PARTNER EXTENDABLE | COMMERCIAL USE CASE DEMOS | LOCATIONS WORLDWIDE
REINVENT LIFE ON MARS

The next giant leap for humankind. We invite you to imagine, create, and virtually experience a sophisticated civilization on Mars. A new home for one million humans.

http://www.hp.com/go/mars
Sometime, in the not too distant future, 1 million humans will live in Mars Valley on the planet Mars. Your mission is to imagine, design, and visualize this future civilization.

Participants in the Mars Urbanization Challenge will use Autodesk software to design 3D models of Martian buildings, cities, vehicles, and infrastructure.
With creative and technical leadership from Technicolor, co-creators use Unreal Engine to create a virtual simulation of what life on Mars could be like for 1 million people.

The environment will build on Mars Valley terrain from Fusion’s “Mars 2030” game, which is based on NASA research.
HP COMMERCIAL VR PORTFOLIO

WORKSTATIONS & DESKTOPS
HP Z240, Z440, Z640 & Z840
HP EliteDesk 800 Tower

MOBILE
HP ZBook 17 G4

BACKPACK
HP Z VR Backpack

HEAD-MOUNTED DISPLAYS
HTC Vive BE

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HP Z VR BACKPACK SUMMARY

THE WORLD’S MOST POWERFUL, WEARABLE VR PC – FOR AN UNTETHERED, FULLY IMMERSIVE EXPERIENCE

UNTETHER

- Lightweight VR backpack
- Two hot-swappable batteries
- Stays cool with an ultra-quiet cooling system

EXTREME POWER FOR RICH CONTENT

- 1st PC with the NEW NVIDIA® Quadro® P5200 with 16GB of memory
- Intel® Core™ i7 vPro™ processor

DESIGN & TEST

- Quickly transition between high powered VR backpack and desktop
- Certified with professional software apps and developer platforms
LET CUSTOMERS LEAD THE WAY
REINVENT REALITY