INSPIRED BY GAMING

How game technology is turning business upside down

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at Nyenrode Business University



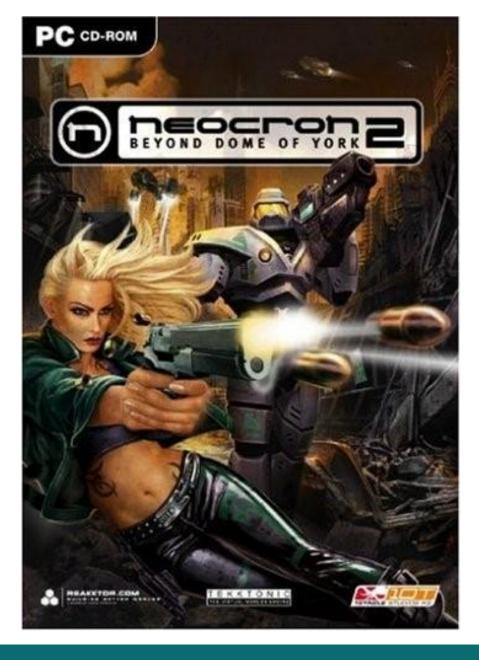


How it all started...



"Whether you are male, female, young, or old you will enjoy this mod. It is on of the best I have played for any game in a long time. And it could even be so good that if you don't own Red Alert 2/Yuri's Revenge that you should buy it just for this mod."





"It's three parts Blade Runner, two parts William Gibson novel, a pinch of The Matrix and a scoop of Deus Ex to boot"



Adventures in higher education...



"Shattered Reality Interactive, a 40-person volunteer game development company is attempting to create the world's largest MMO game. John Romero, creator of Doom and Quake, is the on-camera commentator for the series."

What else can we do with this skillset?

There is more to life than entertainment...



SAVING YOUR GAME

There are three different way:	s to save a game.		FLIGHT CONTROLS	KEY5	WEAPONS ACTIONS
1. Auto save in Station:		Annalization and The Issue and an Issue and a	Toggle cursor 1 light mode	[Space], press	Bore sight fire
		utomatically saved. This is an option that can be ay menu. The default setting is On. When used.		and hold Left Mouse Button	Cursor fre
		ay menu. The deraum seming is Un, when used, It is highly recommended that you turn this option	Toggle dassic il ight mode	(Shift + N)	LUISOTINE
		s. Doing so will ensure that you don't lose all of	Pitch up Down arrow		Laser targeting mode
		that you spent much time and effort to attain.	Plitch down Up arrow	. IH	Select Missile
should some unfortunate eve	nt terminate your exis	tence.	Yaw left Left arrow	[1]	
			Yaw right Right arrow	[g]	Launch Missile
While landed in a Station			Roll left	q	
		rt point or to mark a milestone in the game or for	Roll right	e)	Select weapon group 1
		l in a station, unless item # 3 applies. Press (Shift +	Accelerate	[x]. Mouse wheel	2000
5) or go to Options Save Gan	ne.			up	Select weapon group 2
			Decelerate	[z]. Mouse wheel	Ealard warman area 2
3. Salvage Insurance:		Track Designed in the second second	Print a decision	down ITabl	Select weapon group 3
		r Temple. Once acquired, you can save your game	Boost extension Brake to stop	(1ab) (Backspace)	
anytime, anywhere. But be ac invoke the terms of the insura		rance is a single use item. Which means that if you	Brake to stop Match speed to target	[Backspace]	Select weapon group 4
invokenne lennis ur me insura	nce (saving me game	, the policy is call celeo.	Topole autopliot	[Shift + A]	Weapons menu
			Dock with target	(Shift + D)	weapor is menu
KEYBOARD	CONTRO		Eject from ship	(Shift + E)	100
NEI BUAKU	CONTRU		Strafe left	al Joustick	SHIPS AND STATIONS
			and the second sec	button • 13	ACTIONS
		nflict Default Profile keys. If you choose a different	Strafe right	[d], Joystick	Comms
	ys and/or the corresp	onding actions, the list below will not reflect your	X	button • 11	Trade with Station
changes.		1	Strafe up	(w), Joystick	Landed Ships
				button • 10	Owned Ships
The list is divided into two sec	ctions, the Game Cont	ols and the Interface Controls	Strafe down	(s). Joystick	Change Ship
			and the state of the state of the state	51 • nottud	
TARGETING		INFORMATION		and the second second	FREIGHT
ACTIONS	KEY5	ACTIONS KEYS	COMMANDS AND MANAG	The second se	ACTIONS
Track target		Actions for selected object [1]	ACTIONS	KEYS	Freight bay
Target nearest enemy	[Shift T]	Info about selected object [u]	Command console	No. of the local division of the	della come
Target next object	Page Upl.	Current ship [y]	(ourrent ship)	[Shift+C]	and a second
	Joystick button	Personal information [p]	Rename object	[m]	UPGRADES
and the second		Sector map []	Wingman attack target	[Shift - 6]	ACTIONS
Target previous object	Page Down.	Galaxy map [.]		(not num pad 6)	SETA
	Joystick button # 4	Show selection on galaxy map [g]	Wingman protect me	[Shift + 7]	Jumpdrive
Trend and average object	• 4	(only in property menu) Owned property (r)	Drawer stinds invest	(not num pad 7) (Shift + 8)	Video enhancement gogg Best selling price locator
Target next owned object Target previous owned object		Owned property (r) Message log (5hift + M)	Drones attack target	(Shirt + 8) (not num pad 8)	best selling price locator
Target previous owned object	Home	Messegerog [Shirt+M]	Drones protect me	[Shift + 9]	Best buys locator
Target previous enemy	End)	· · · ·	biones protectille	(not num pad 9)	
ionger previous enemig		L.C.	-0,	(nor nom pao s)	
			all det		the l
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		and the second second	ben berne har an and a state of the second		A CONTRACTOR OF THE OWNER
	Local Arrest	AND DESCRIPTION OF THE OWNER.	and the second		the second second second

	VIEWS
KEY5	ACTIONS
Enter	Select view mo
[Shift - O]	External view
Shift + L	Target view/Zo
	Select monitor
	Close All Monit
Pausel	Toggle HUD dis
[Shift+Q]	View on Left m
	View on Right
KEY5	
Deletel	Zoomin
Backspace	Zoom out
[Home]	Select camera
End	Default view
	View from Nort
1.1.	View from Nort
KEYS	
	View from East
print Derecht	View from Sou
Service State	
KEYS	View from Sou
	View from Sou
Num Pad 6	
Num Pad 8	View from Wes
	View from Nort
Num Pad 7	
Num Pad 9	
	MENUS
	ACTIONS
	Cancel/Escape
	Open Sidebar
	Select option
	State of the second
	Move cursor up
	Move cursor d
	Move cursor le
	Move cursor rig
	Scroll Up
	Scroll down
	Scroll page up
and the second second	Scroll page do
112	Empty selection
J. HE	
	Fill selection
	Close all menu:
	and the second second
	IShifi - Li IShifi - Li IShifi - Si IShifi - Qi IShifi

INTERFACE CONTROLS

(FI) [F2]

[F4]

[F5]

[Shift · H]

[Shift + 1] (not num pad 1)

[Shift+2]

Num Pad D

Num Pad 5

Num Pad 9.

Num Pad 6

POV Right Num Pad 3.

POV Up-Right

POV Down-Right Num Pad 2, POV Down Num Pad 1.

POV Down-left Num Pad 4, POV Left Num Pad 7.

POV Up-Left

Left Mouse button.

Joustick button #1 Up arrow! POV up Down arrow. POV down

Left arrow, POV left

[Right arrow], POV right Mouse wheel up Mouse wheel down Page Up [Page Down] [Home] End [Delete]

22

KEYS [ESC] [Enter], Num [Enter] Enter).

(not num pad 2)

Num Pad 8, POV UP

m Monitor (F3)

play

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monitor

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1235

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HOW TO START

This section will help you to choose which game start to use and to understand whe universe has waiting for you and how to Trade, Fight, Build and Think in the X Universe

When you start a new game, you find yourself in a small ship flying in a big universe small boat floating in a vast ocean. You might not be sure about which direction to go Your goals may reach beyond the horizon. Your aims may include domination of the trading empire, to be a hero to all races or maybe all of these things. These are enor you look at your humble starting point but they are all achievable. The universe was are up to the challenge, you can make it yours.

GAME START OPTIONS

There are a number of New Game starting scenarios. After you have achieved certa bonus game starts will become available. No matter with which game you start, there upgrades that you should install at the nearest equipment dock once you have suff include the Trading System Extension, Navigation Command Software and the Besi upgrades.

YOU ARE HERE!

Which sector you start in and with what equipment depends on which game start u

-	Start Game	Start Sector	Ship(s)	Ship Class	Startin Credits
	Terran Defender	Uranus	Terran Sabre	M4	1.000
	Argon Patriot	Omicron Lyrae	Argon Elle	M4	1.974
	Humble Merchant	Herron's Nebula	Argon Mercury Argon Discoverer	TS MS	9.693
	Bankrupt Assassin	Aladna Hill	Split Mamba	MB	0

If you start a Custom game then all bets are off. This is a "roll your own" option but yo Buster (M4) and have 1,000 credits to your name.

But no one knows user experience design better than the games industry!

nent goggle



No one knows how to engage people better than the games industry!

Better yet, we create worlds! Worlds that operate in real-time!

That means: Rendering, Pathfinding, AI, Physics and more...

Plus some kick-ass optimization, we only have 16 milliseconds after all!







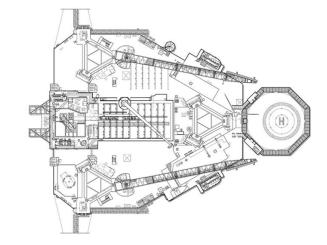
Putting those capabilities to use

And changing industries as we go...











Offshore planning, slow, low tech, risky...

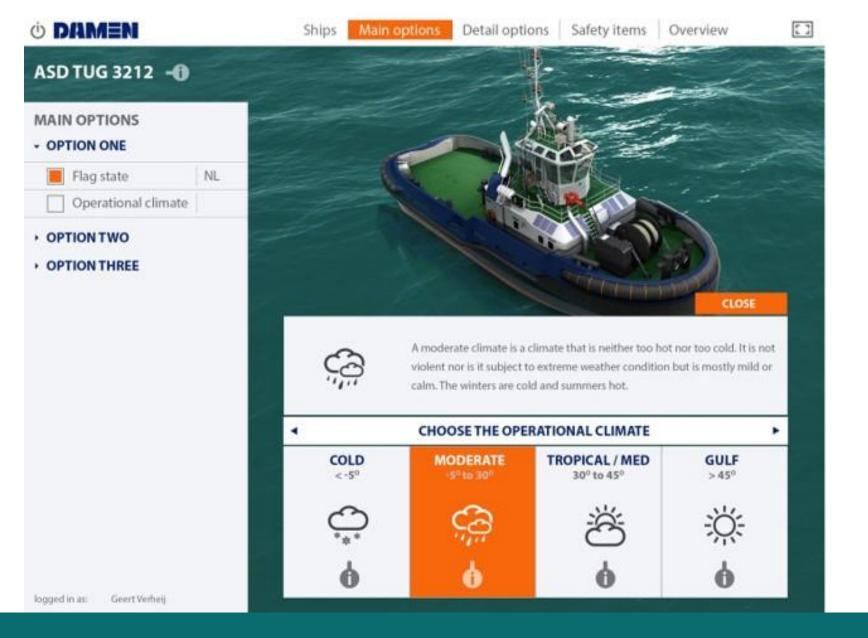


Now in real-time 3D, saving millions!

Selling tailor made products like this amazing axe-bow ship takes months...

NUDRO

HORF



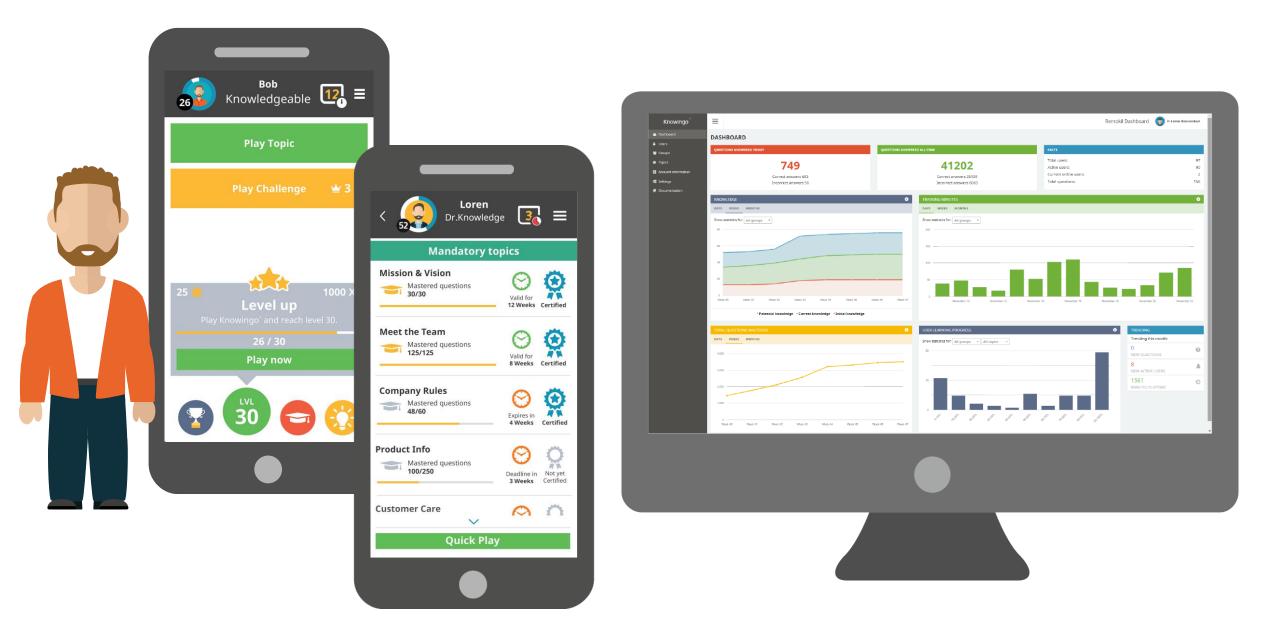
What about configuring it in 30 minutes on your iPad?

INTERACT360

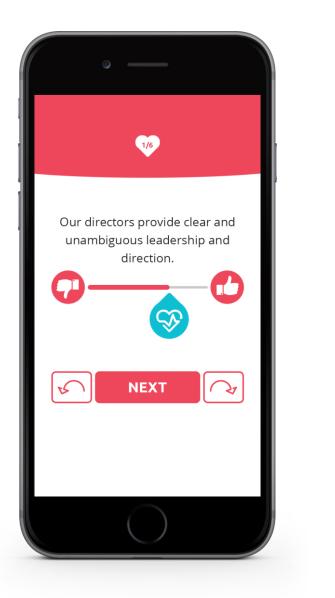
Training our peacekeeping forces is an incredible challenge...

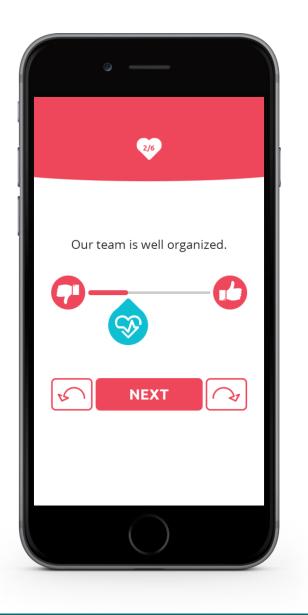


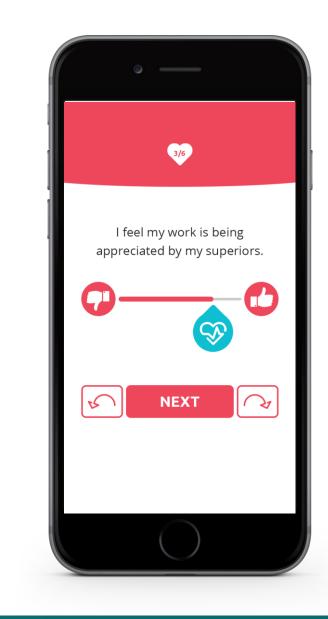
How about training 3000 of them to communicate with the local population in just a few weeks?



Game technology also powers Knowingo, the worlds most intelligent learning platform!







And the biggest innovation in employee engagement in decades!

But more about that later...

Lets talk about the shiny new trend in the room!



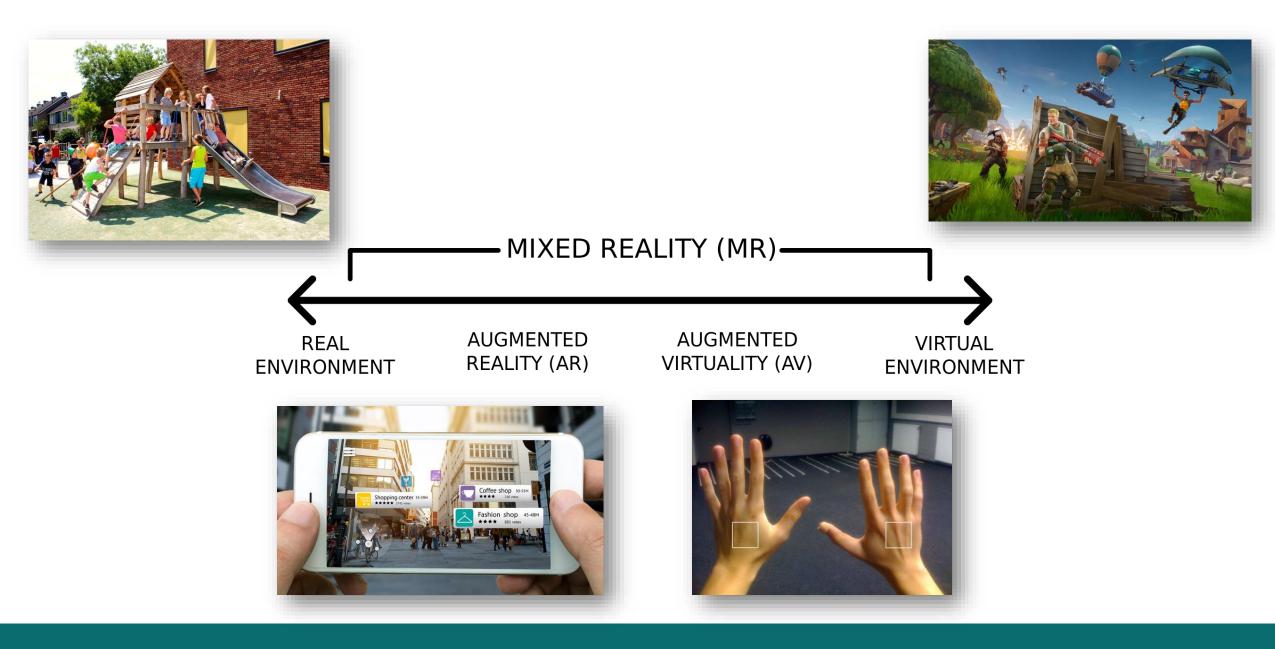
What trend exactly though?

Take your pick...



Virtual Reality Augmented Reality Mixed Reality

What happened to plain old reality?



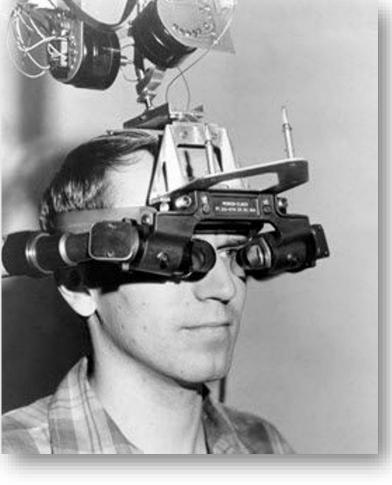
Understanding the virtual spectrum

Didn't we have some of this before?

A quick dive into our virtual history...



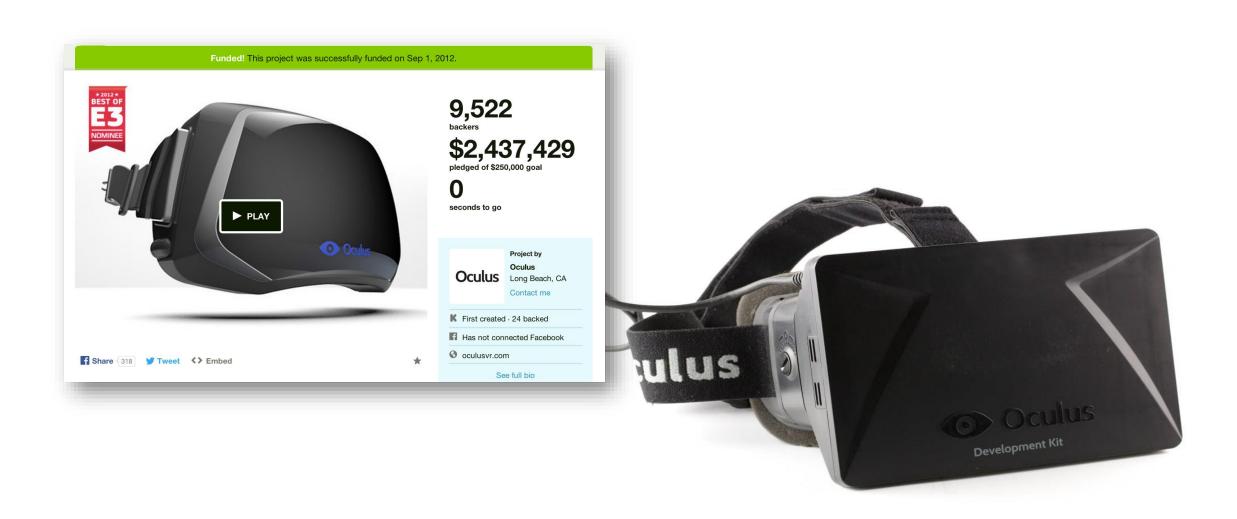




It all started with 1950's and 1960's research projects



The VR hype of the early 1990's



The kickstarter that brought VR to the masses...

Hype or trend...

What changed since the 1990's?

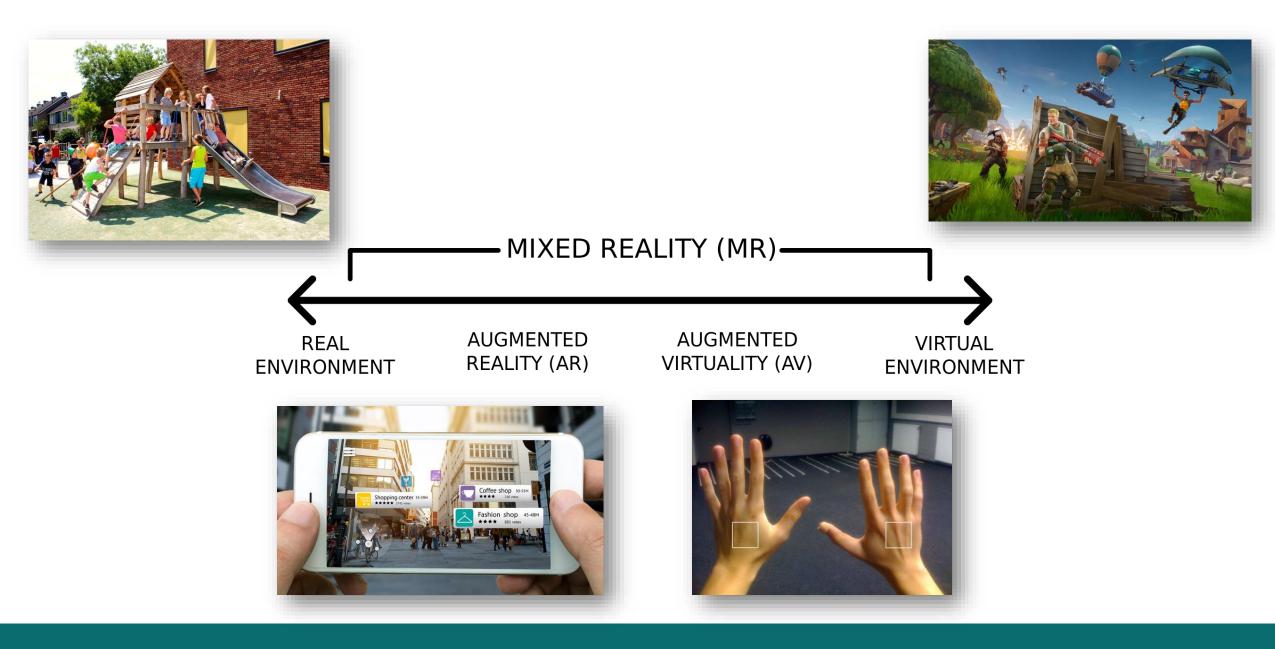




Strengths and weaknesses

What to expect...





Understanding the virtual spectrum

Typical use cases

Commercial applications for VR and AR...



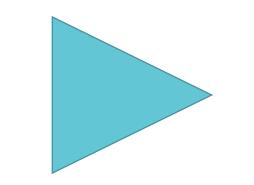
Showcasing your vision

Convincing high level stakeholders with VR...



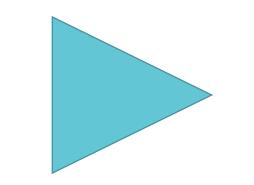


Or exploring their future base in virtual reality, long before the technology inside it has even been fully built!





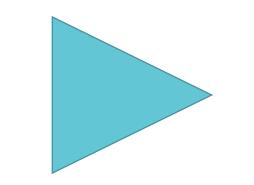
A vision of the future of PostNL



Promotional experiences for brands

Using the power of VR and AR to surprise consumers

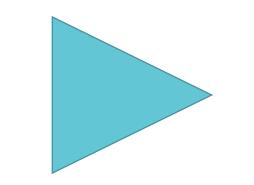




Virtual training

A new generation of training software powered by VR

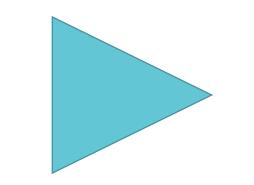




Design & Development

Experience the product before it is built





Beware the hype!

We're not there yet people...





Discover the possibilities!

What about all the new game based tech that isn't in the VR trend?





Game technology holds much greater potential than just VR and AR!

What is Google+? History of Google+

Why use Google+7

Social Media marketing strateg... Content marketing vs relations... Google+ Updates

- Google+ Circles
- More Google+ functionality Google+ Personal profiles Examples of Google+ Personal ... Google+ Business Pages

Examples of Google+ Business P. Personal Profiles or Business Pa

- Google+ Audience
- Scenario 1 Business to business Scenario 2 - Business to consumer Scenario 3 - Concise Trust Scenario 4 - The job seeker Exercise 1
- Exercise 2
- Summary

Why use Google+?

Google+ is yet another Social Media tool, so why would you want to use it?

- Circles
- Facility to edit posts
- · Photos and album can be displayed in posts
- All followers have an equal chance of seeing your updates - there is no filtering as in Facebook
- Update 100,000 characters at a time
- Google Hangouts
- Google Authorship
- SEO / Google Local
- It is Google!

Google+ is also a good tool to use to follow business and individuals to learn and find out about information of interest.

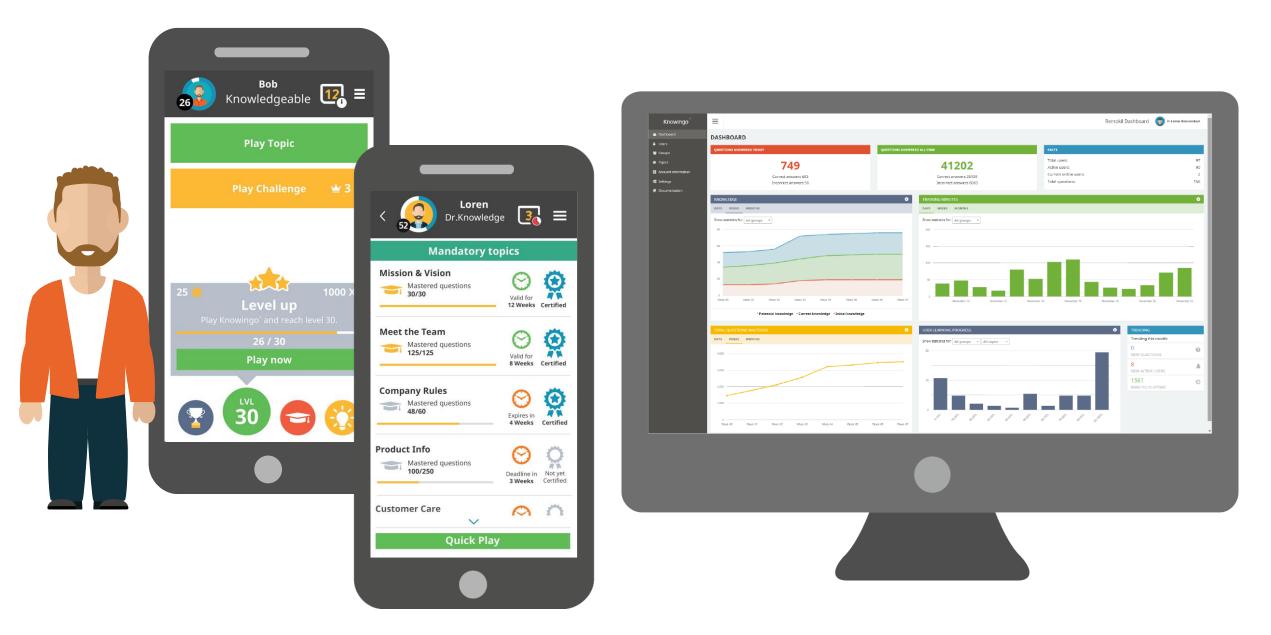
Don't worry if you are not sure what all of this means at this stage! We will explore each of these further as we work through the course.



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listen to what mark has to say about social media

What is the value of e-learning?



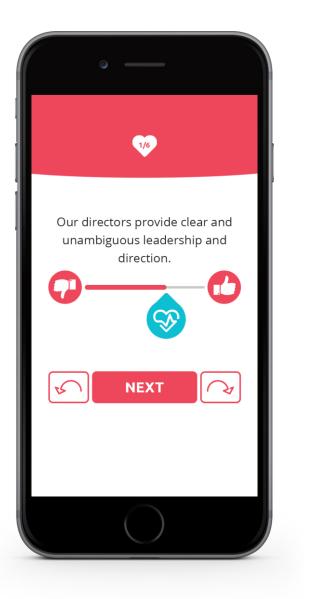
Game technology powers Knowingo, the worlds most intelligent learning platform!

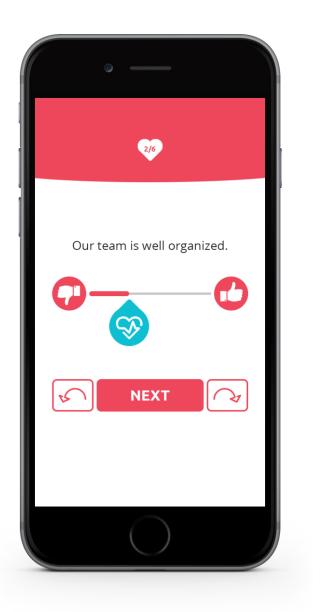


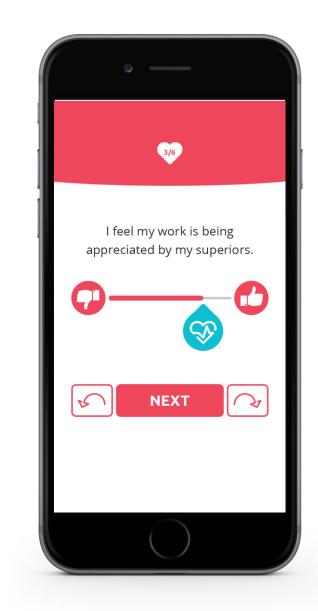
What do your employees think?

▼ START HERE				
Please check the box below if you do not wish to participate at this time.				
Ιd	lo not wish to participate in the USPS Employee Survey at this time			
0.	On a five-point scale, where 5 means extremely satisfied and 1 means extremely dissatisfied, how satisfied are you with the Postal Service as a place to work?	Extremely Dissatisfied 1 2 3 $\checkmark \checkmark \checkmark \checkmark$	Extremely Satisfied 4 5	Don't Know
	a five-point scale, where 5 means strongly agree and 1 means strongly gree, please rate your level of agreement with the following items.	Strongly Disagree 1 2 3	Strongly Agree 4 5	Don't Know/ Does Not Apply
1.	I know what is expected of me at work.	🗆 🗆 🗆		
2.	I have the materials and equipment I need to do my work right			
3.	At work, I have the opportunity to do what I do best every day	🗆 🗆 🗆		
4.	In the last seven days, I have received recognition or praise for doing good work			
5.	My supervisor, or someone at work, seems to care about me as a person			
6.	There is someone at work who encourages my development			
7.	At work, my opinions seem to count.			

Finding out right now is slow, frustrating and innacurate







Game technology powers the biggest innovation in employee engagement in decades!

Want to get in touch?

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