



The VR Fulldome APP

V R FULLDOME!

What means VR to Fulldome?

- **Competition** to static Fulldome facilities like planetariums
- **Testing environment** for producers
- Fulldome Shows become **VR Shows**

Fulldome in VR today?

- **Interactive Planetarium (Starsight VR)**
- **Fulldome Streaming Service (Altair Fulldome Cinema)**

VR vs. Fulldome

- VR Pros :
 - Do it at home (no long ways, no opening hours)
 - Always the best seat available
 - Almost Perfect image quality (contrast, blacklevel, etc.)
- VR Cons:
 - High Quality Experience is more expensive than visiting planetarium
 - Bad experience at bad hardware
 - Solo means solo... no group interaction, questions, shared experience, group dynamic

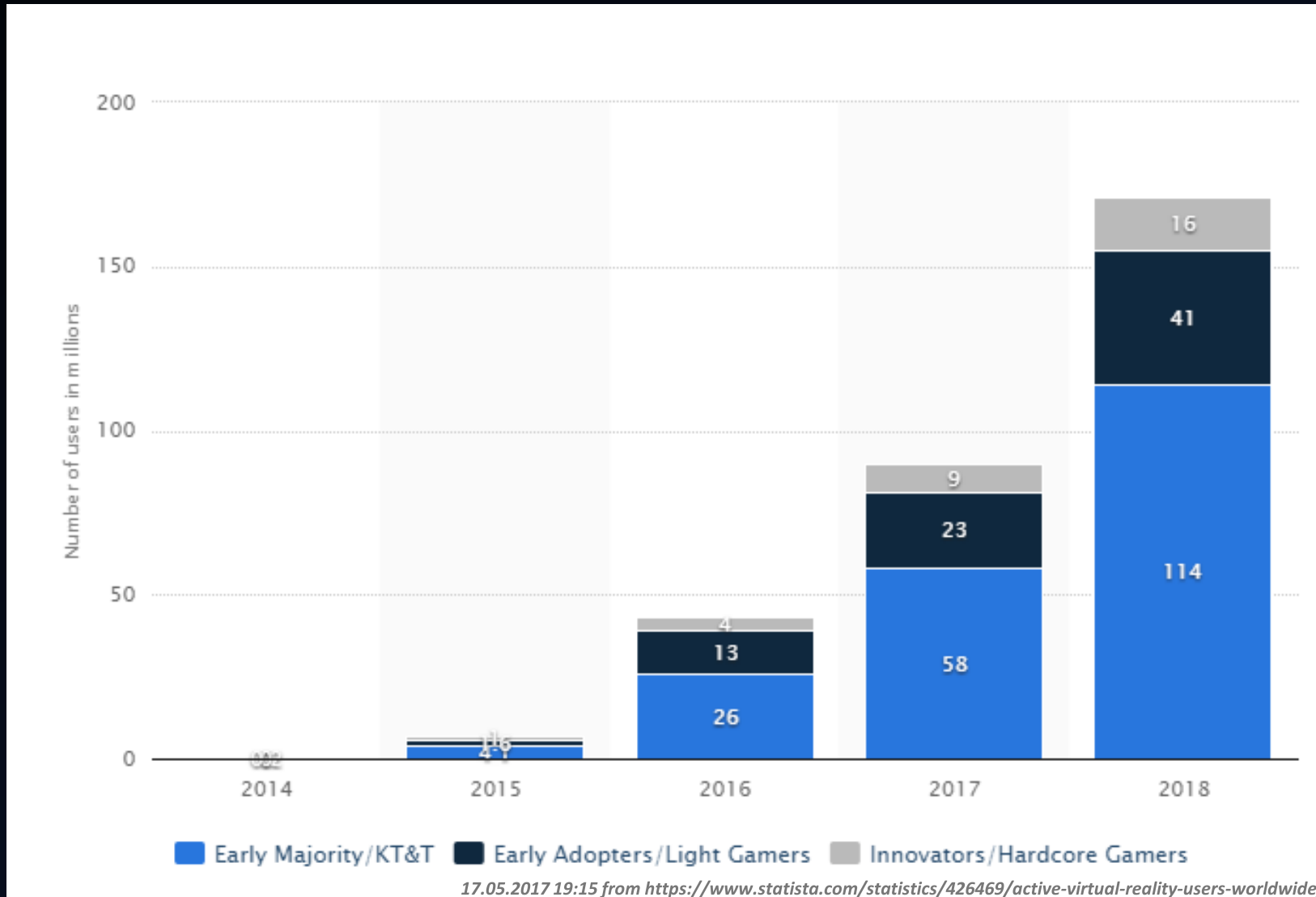
VR vs. Fulldome

- Fulldome Pros:
 - Content is much more valuable than VR Videos at the moment (except po*n)
 - Group experience is worth as gold! We are still humans.
 - Chance to be a Bridge in VR Business between Virtual and Real World Experiences
- Fulldome Cons:
 - Just a hemisphere
 - No real stereoscopic experience like in VR
 - One step behind VR in immersion depth

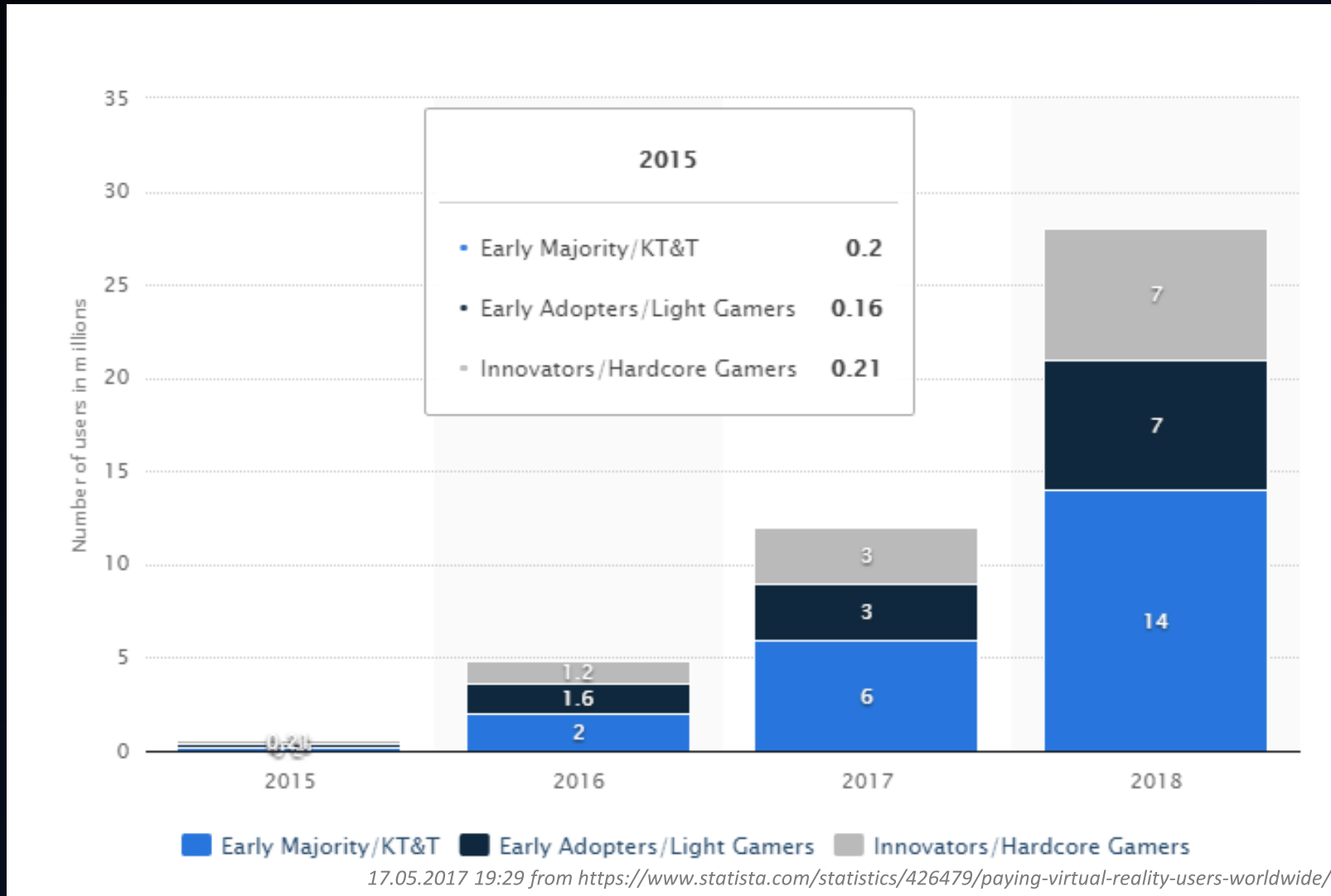
VR vs. Fulldome

- Conclusion:
 - VR is competing with fulldome
 - VR is far more popular than fulldome (still a lot of people don't even know fulldome today)
 - You can ignore VR, but it won't go away
 - Fulldomers should see VR as an extension
 - Fulldome is not everywhere
 - Reaching audience which is already sensitive for immersive media

Number of active virtual reality users worldwide from 2014 to 2018 (in millions)



Number of paying virtual reality users worldwide from 2015 to 2018 (in millions)



Old Project: VR Fulldome Streaming Service (discarded)

Problems:

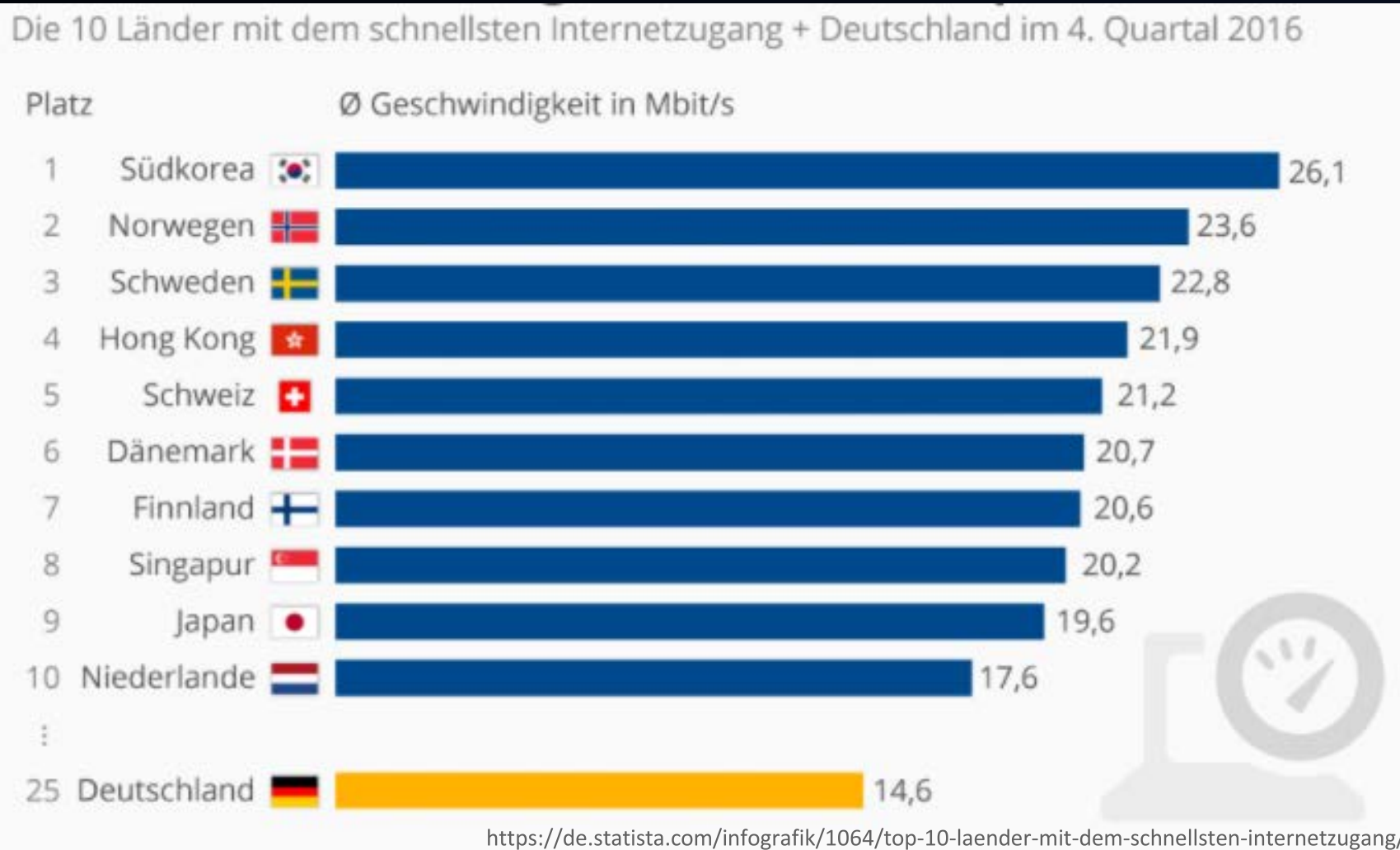
- Bandwidth
- Data security
- Performance
- Cost

Old Project: VR Fulldome Streaming Service (discarded)

Core Problems:

- 4k Fulldome is 16 Mio MP, 4k TV = 8 MP
- 4k TV video stream needs more than 20 Mbit / s
- 4k Fulldome stream will need almost 50 Mbit / s exclusively
- Preloading of 5 - 10 GB is no real option... especially on Smartphones
- Bad Performance with data decryption on mobile devices with VR

Average Internet Speed - Top Ten Countries and Germany



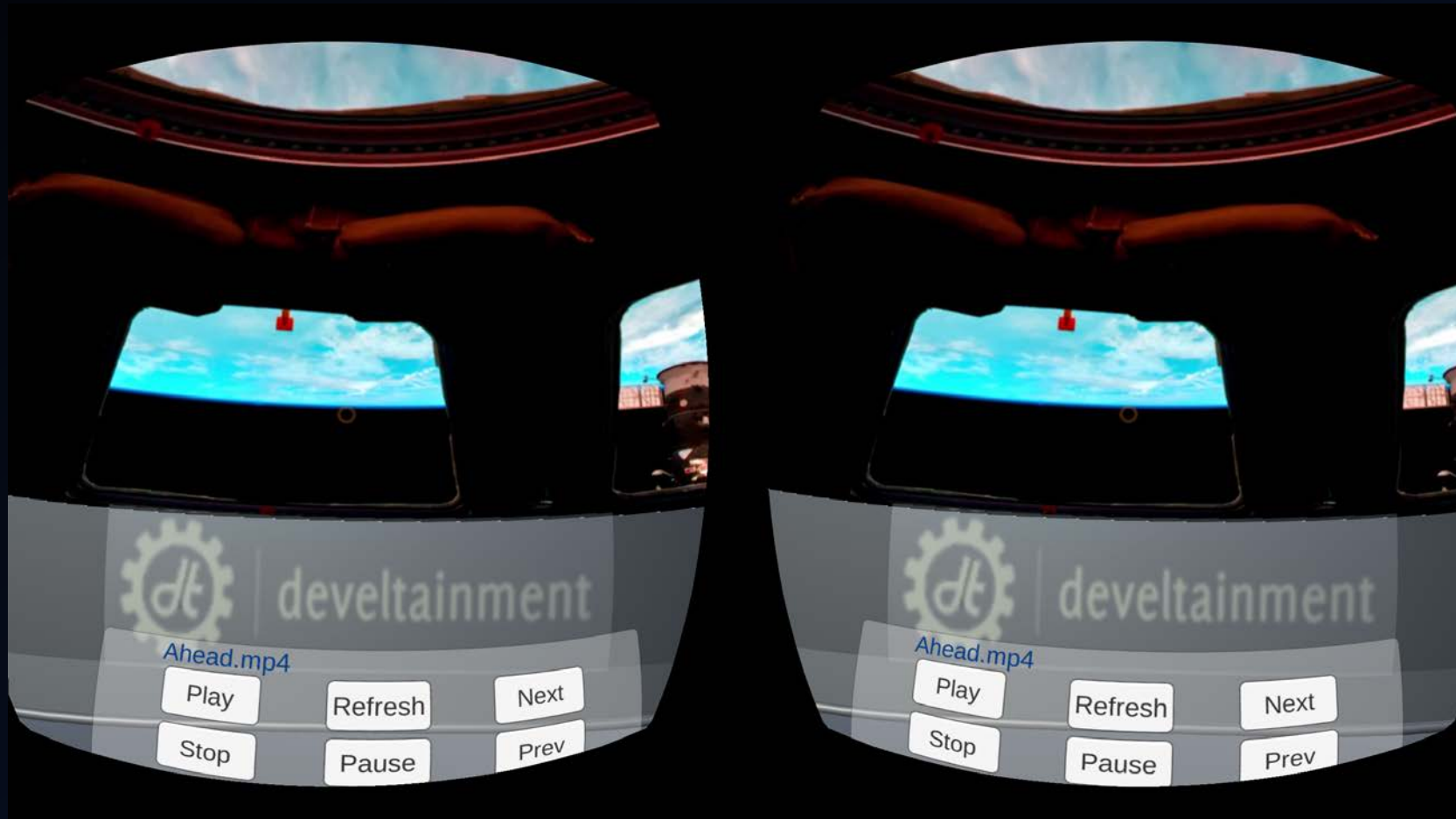
Old Project: VR Fulldome Streaming Service (discarded)

- Conclusion
 - Do it later (2018 - 2020 ?)
 - Do Different concept first

New Project: DT VR Fulldome Cloud Service

- Building a standardized VR Ecosystem for Fulldomers
- Support for any platform
- Branding of your choice - Have your own VR App
- B2B or Customer related customization
- Scaling Download & Streaming Backend for any business case at EU-Data-Security Standards

New Project: DT VR Fulldome Cloud Service



DT VR Fulldome Cloud Service

Planetariums

Your Planetarium in an VR Experience

- Show Trailers of new Shows
- Little Planetarium App
- Bundle your VR-App with Extended Service like
 - Newsservice
 - Tickets
 - Astronomy events & Information

DT VR Fulldome Cloud Service

Producers, System Provider and Content Provider

- Demo your show to your premium customers
- Discover VR as a second market for your show
- Provide your customers with an simulated fulldome experience

DT VR Fulldome Cloud Service

Festivals and Event Agents

- Show Award winners and feature „best of's“
- Spread the word to the world and let people take part
- VR Lifestream your Event

DT VR Fulldome Cloud Service

Limitations (at the moment)


- Desktop Player max. 4k Res (hardware dependent)
- Mobile Player max. 2k Res (hardware dependent)
- Apple with SW and HW Limitations
- DRM Encryption temporary not available

DT VR Fulldome Cloud Service

What's in for you?

- Cheaper entry point & low development costs for Fulldomers
- No Hosting and Server Know-How needed
- More users, less costs and better quality
- Fulldomers have similar demands
- Further development rewards everybody with better quality

DT VR Fulldome Cloud Service

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DomePlayer NEWSLETTER

Melden Sie sich noch heute an, um über den DomePlayer auf dem Laufenden zu bleiben.


Ihr Name

Ihre E-Mail-Adresse

Sicherheitsabfrage

Ich bin kein Roboter. 
hCAPTCHA
Datenschutzbestimmungen Nutzungsbedingungen

ANMELDEN



DT VR Fulldome Cloud Service

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