

# Augmented Reality GIS – The new way of the (mobile) GIS use

State-of-the-art visualization  
with GRINTEC

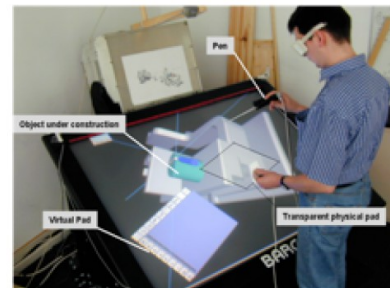
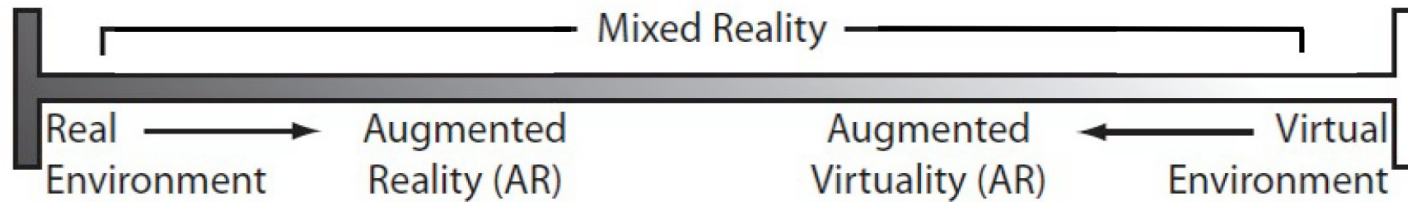
Saif Alsaifi



**Augmented reality** is the integration of digital information with live video or the user's environment in real time.



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[Milgram et al, '94]

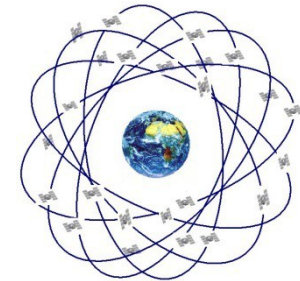
# Geospatial Augmented Reality

Real world view



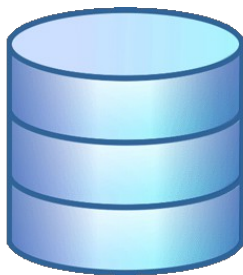
Camera

Position



GNSS

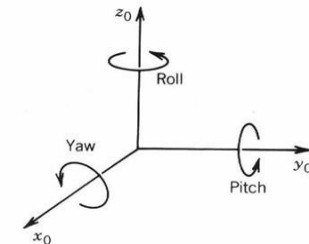
Computer graphics



Geospatial data

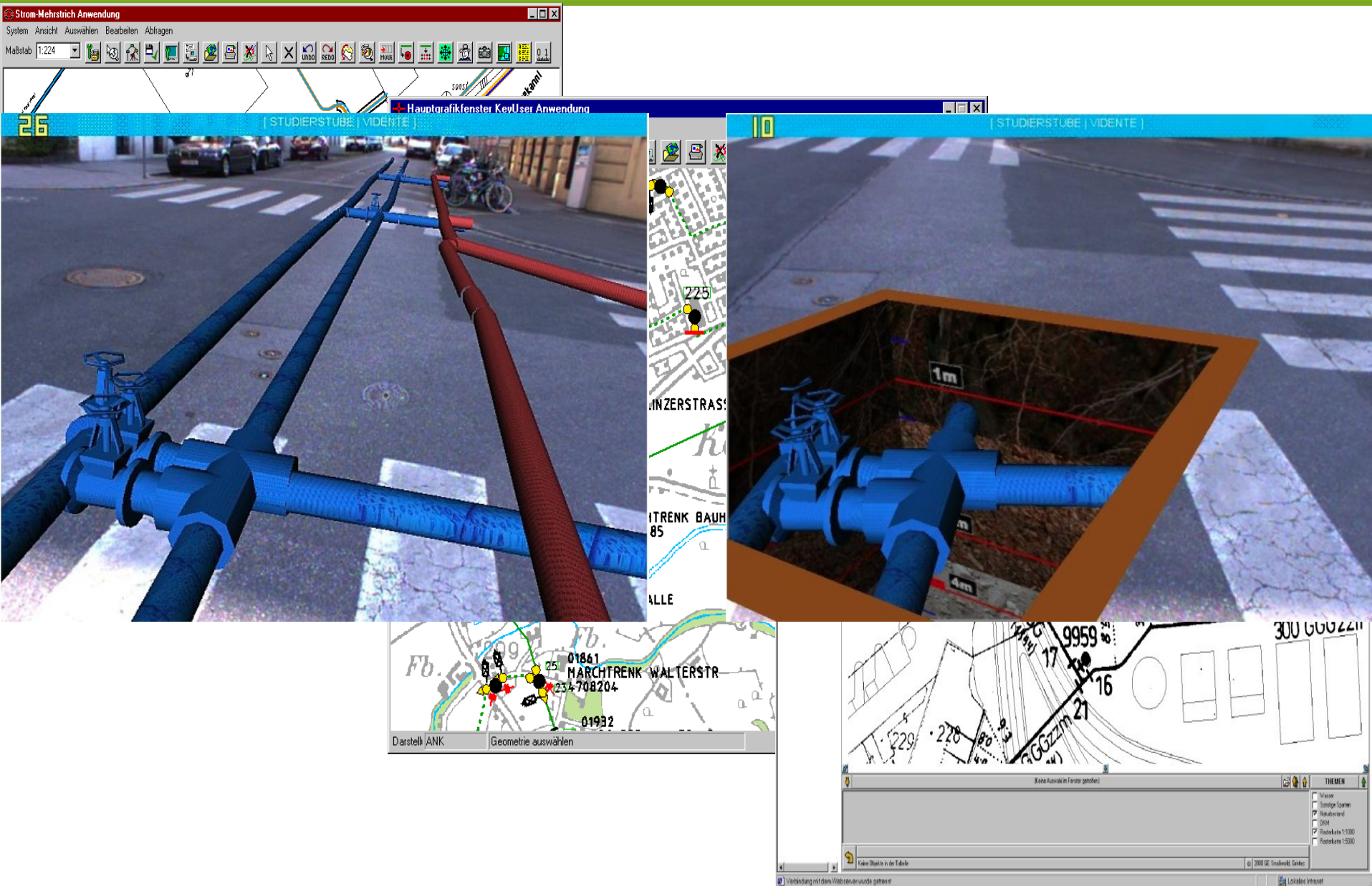


Orientation



Gyroscope, Accelerometer

# Why AR GIS? From old style to a new one



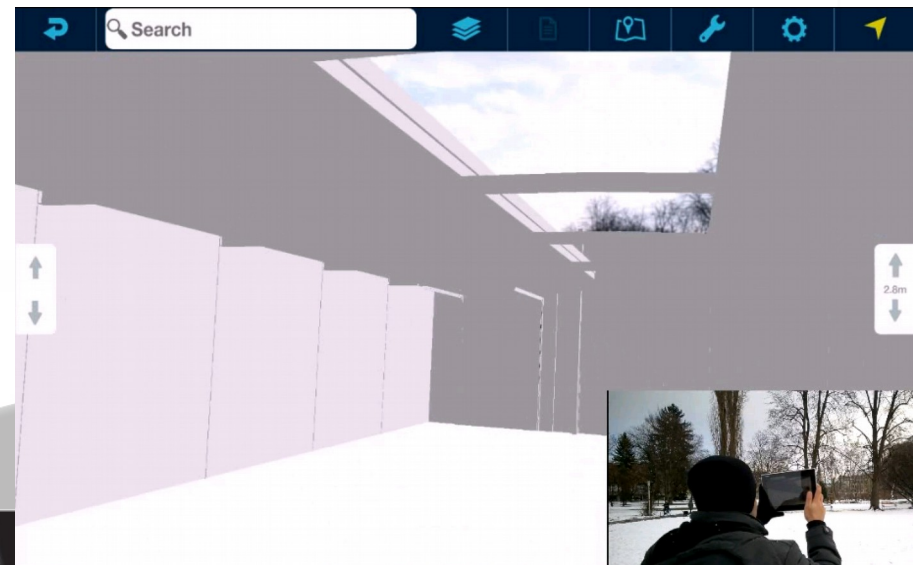
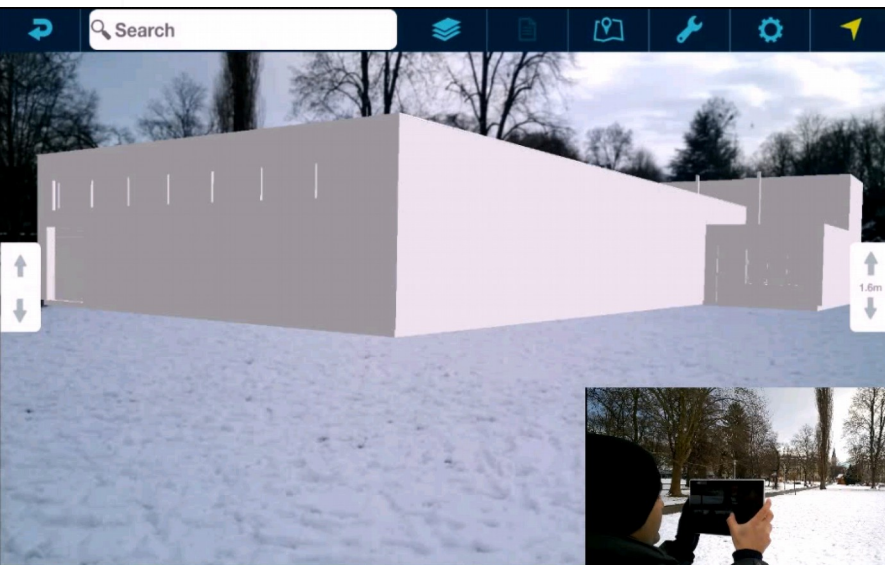
# Why AR GIS? In special cases



# AR – some fields of applications...

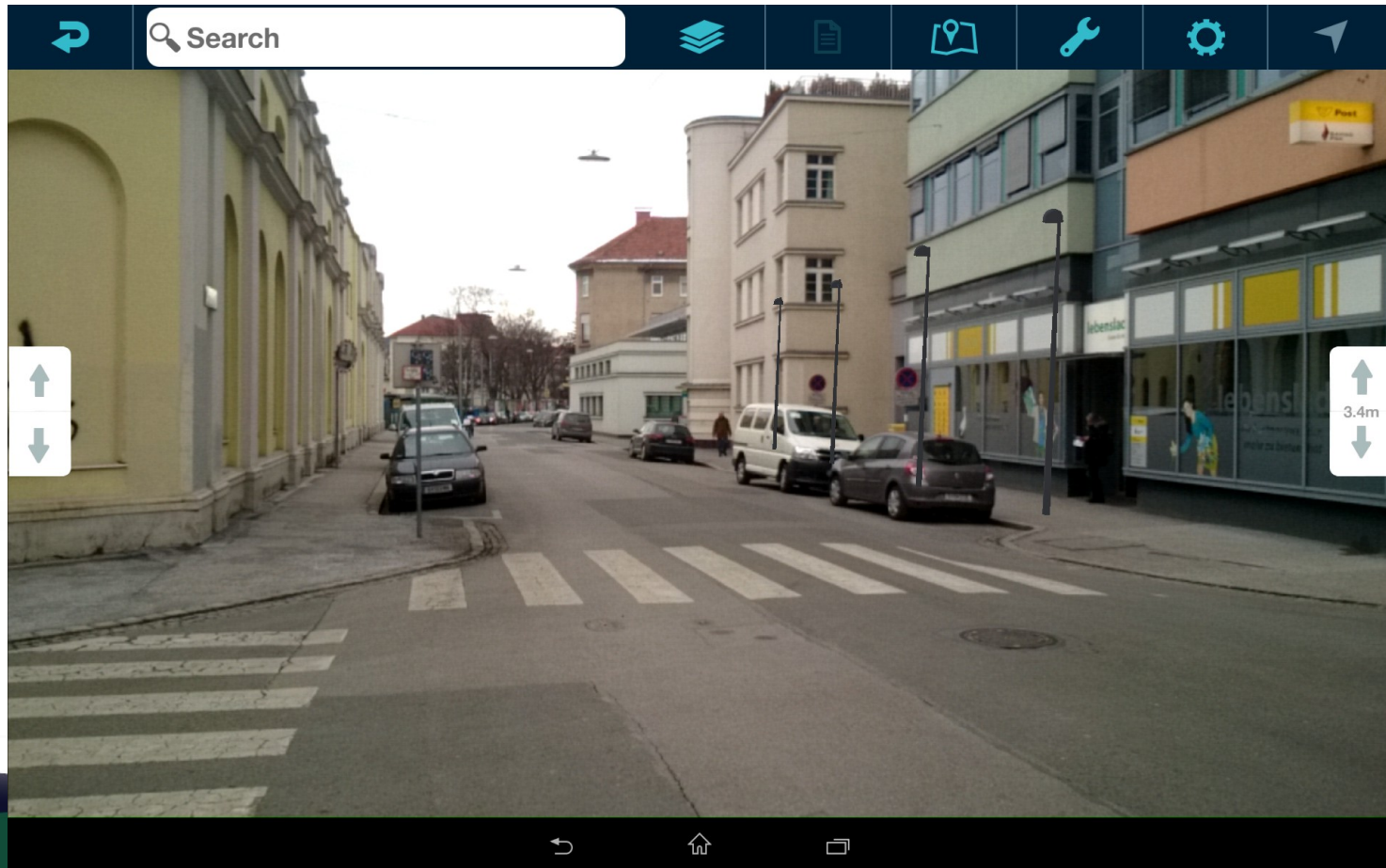
## Look into the future

- See the current state of you project's design on-site
- Present and discuss your projects with your clients and the public



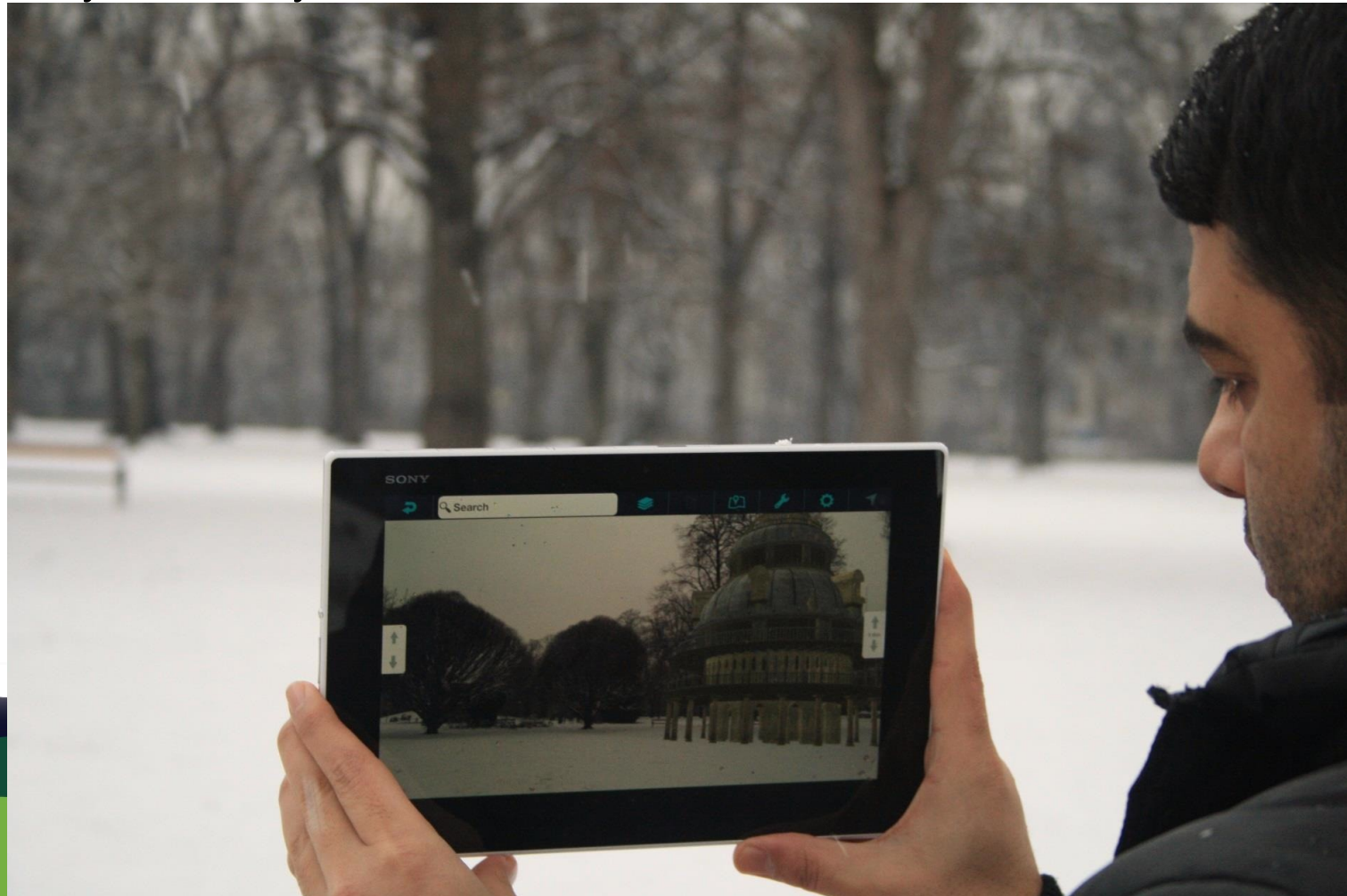


# AR – some fields of applications...



# AR – some fields of applications...

See your history or attract tourists



# Thank you for your attention!

Do not hesitate to get in touch:

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