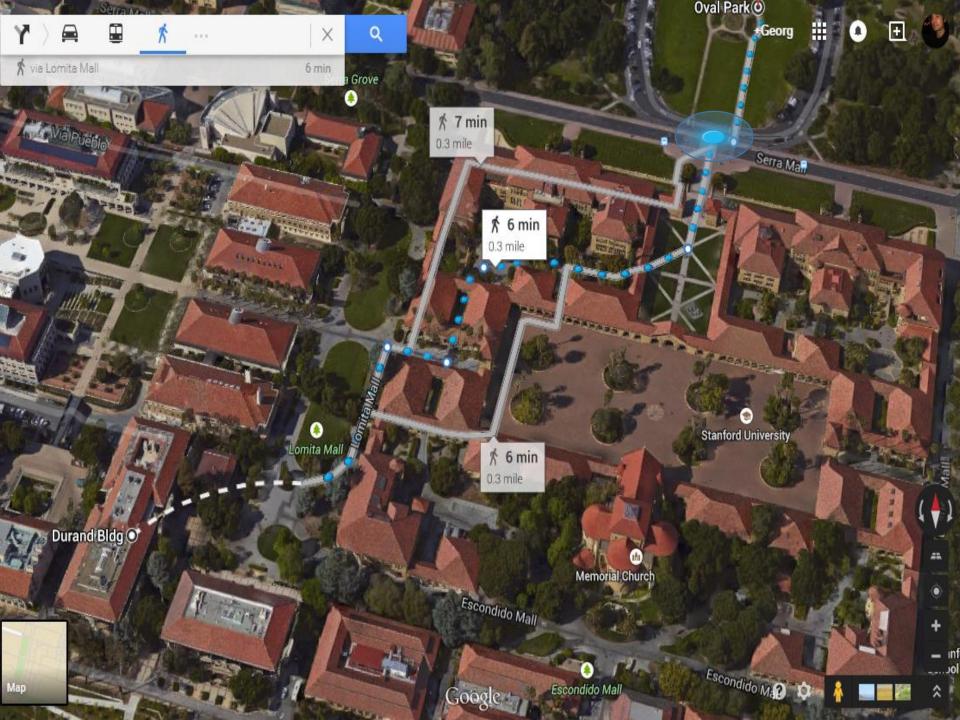
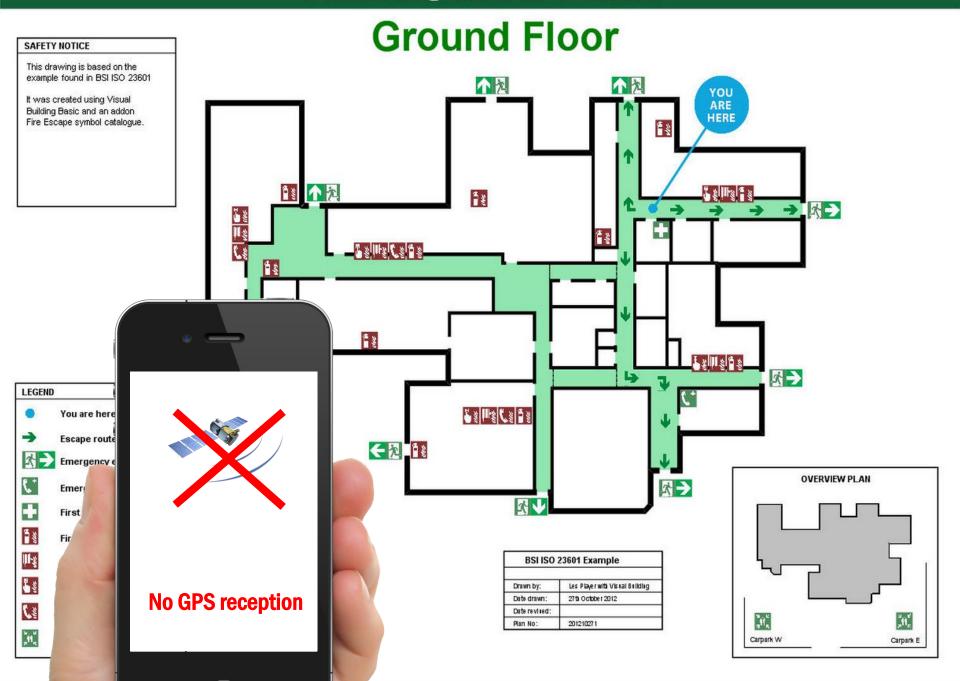
NAVIS

Digitizing the great indoors



FIRE ESCAPE PLAN



Next-level Indoor digitalization





M3 Trolley



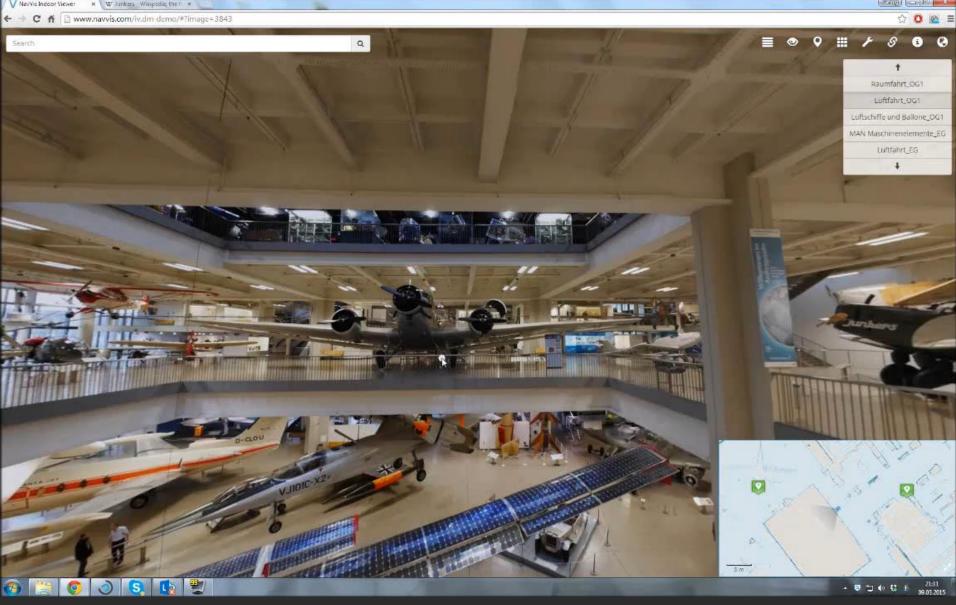
IndoorViewer

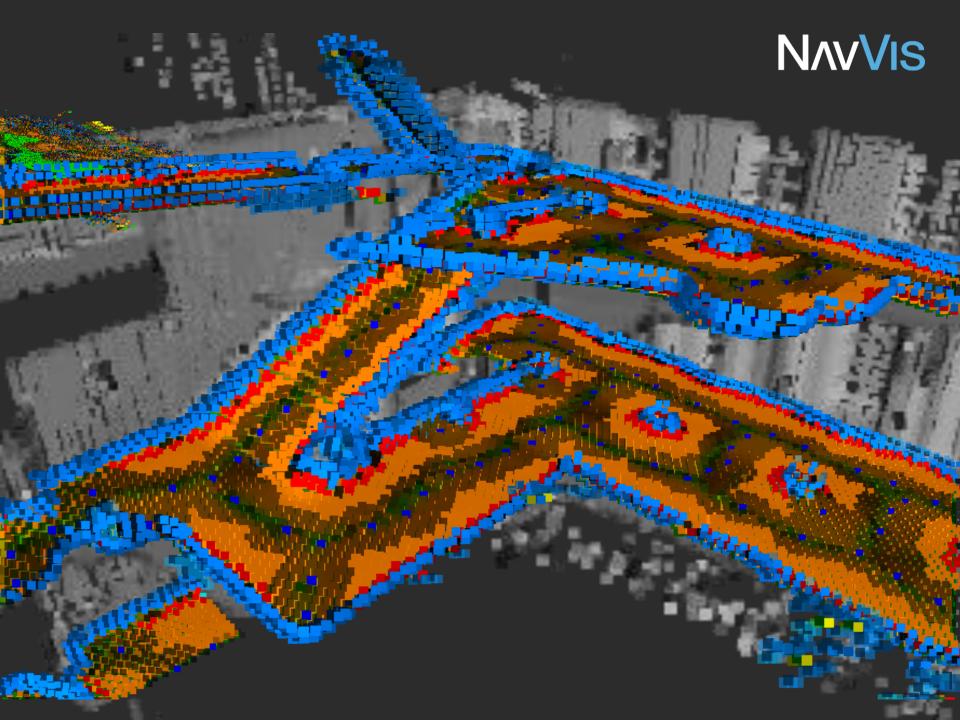


Navigation App

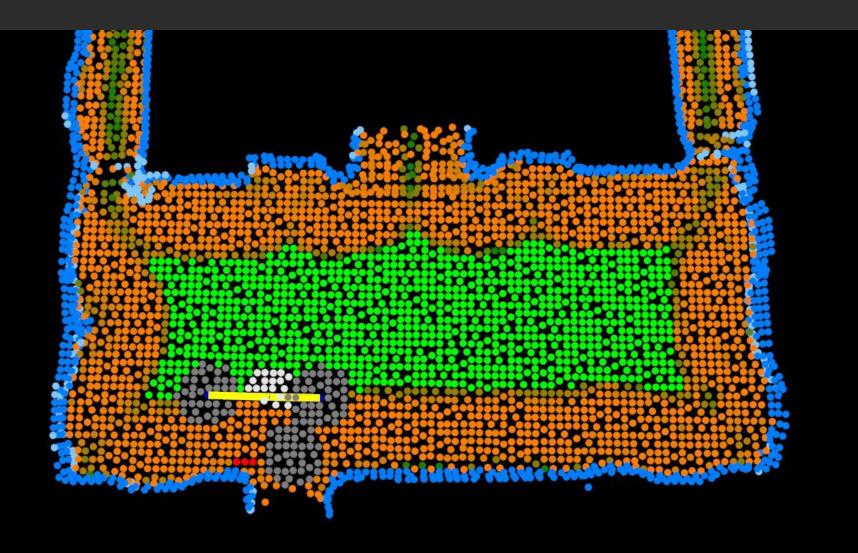




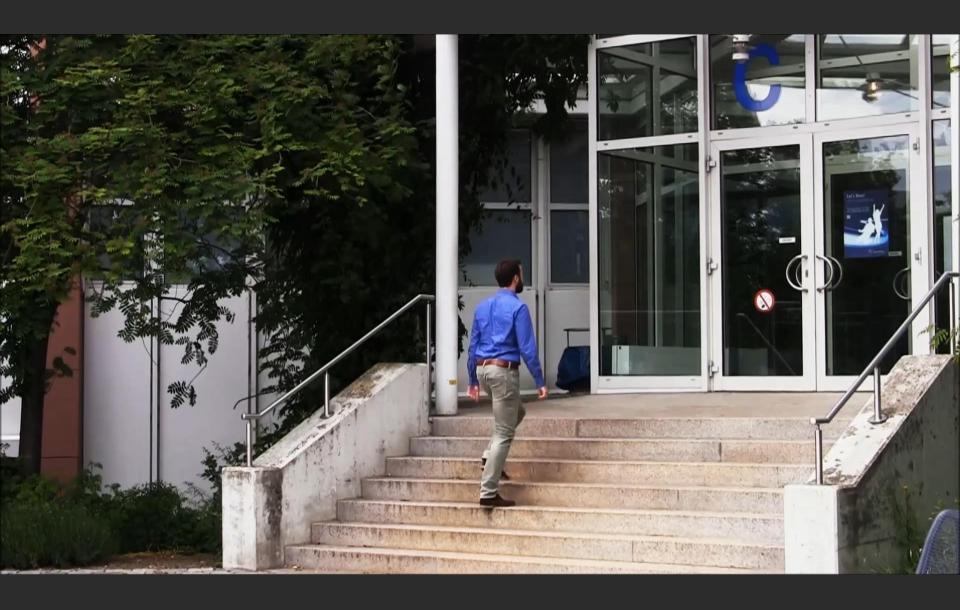


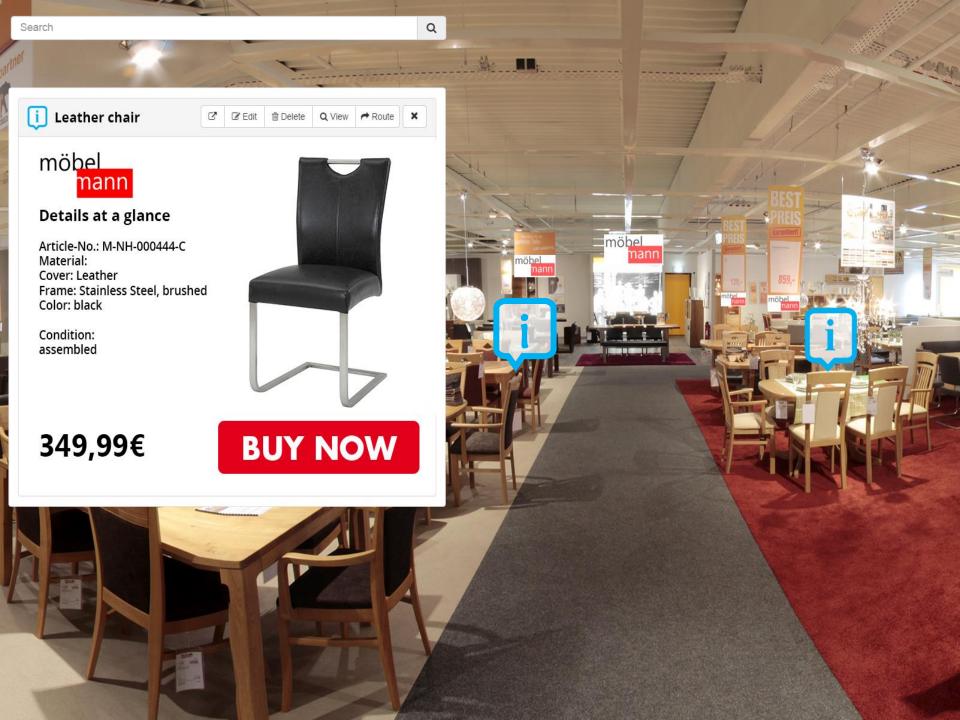


N_NVIS

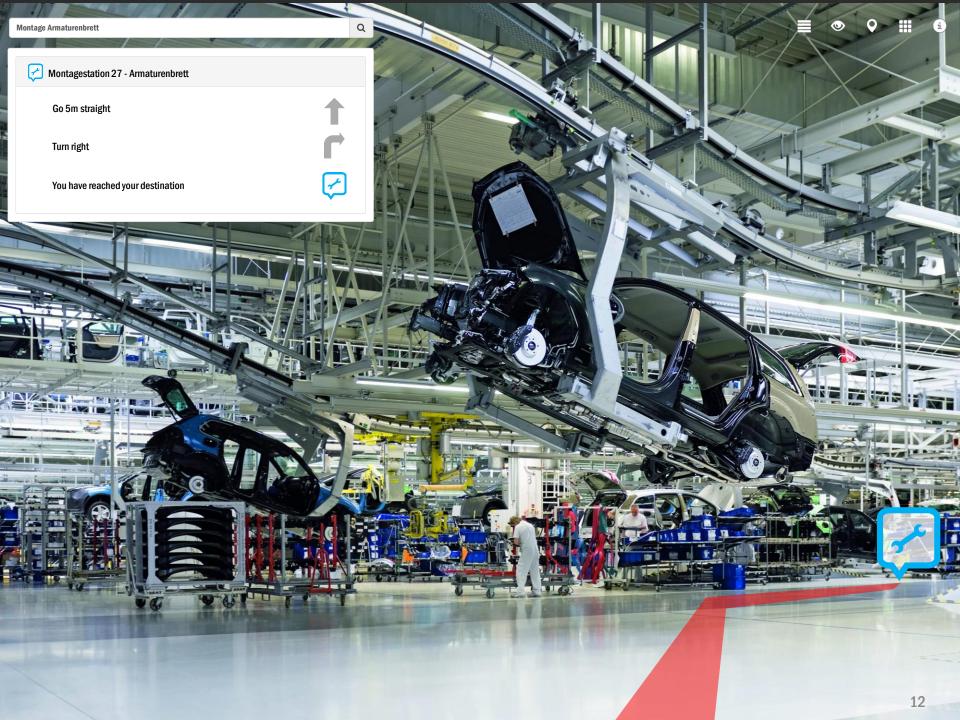


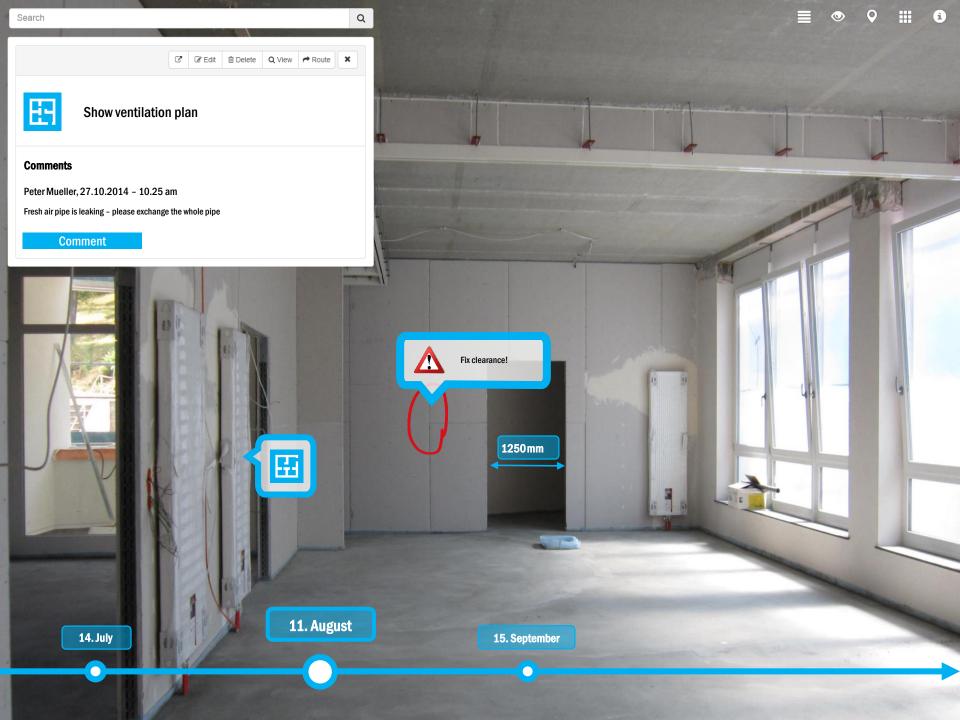
N_{\lambda}VIS













Digital indoor today

Expensive

€ 4 per m²

Slow

Usually more than a month to get data

Only experts

Point cloud or CAD software hard to use

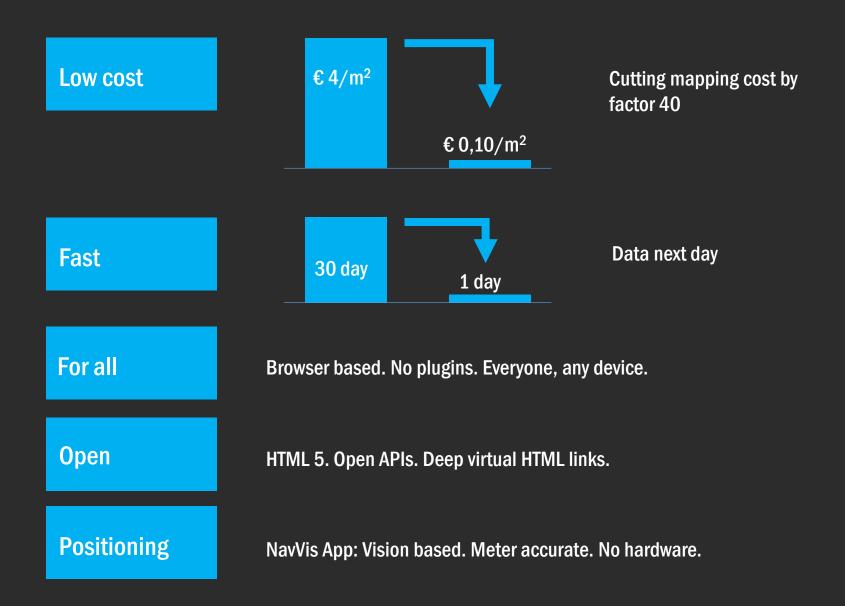
Not open

No open APIs, not web based

No position

Not helpful for field workers

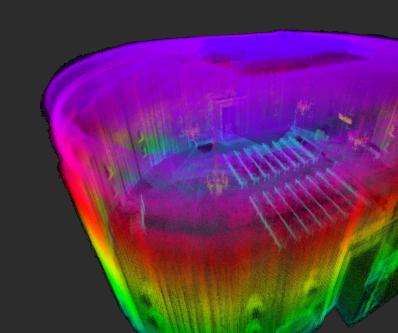
NavVis digital indoor tech is game changing



NavVis GmbH



- ✓ Located in Munich, Spin-off from TU Munich, VC backed since Q3 2014
- ✓ Patented tech; >7 years of public funded research (>150 man years of R&D), >10 PhD theses, >40 master theses, >35 peer reviewed publications, ...
- ✓ Market entry Q4 2014, gained top industry leaders as customers by Q3 2015.
- ✓ Started build out of international partner network to >15 today
- ✓ Forged first strategic partnerships with key players inc. Esri, Intershop, Siemens, ...
- ✓ High profile team of >70
- Backgrounds from top international research / business institutions (incl. Stanford, Harvard, LSE, St. Gallen, UCLA, Microsoft, HP, McKinsey)



Why not Silicon Valley



Research

Talent

Customers

Suppliers



Digitizing the great indoors

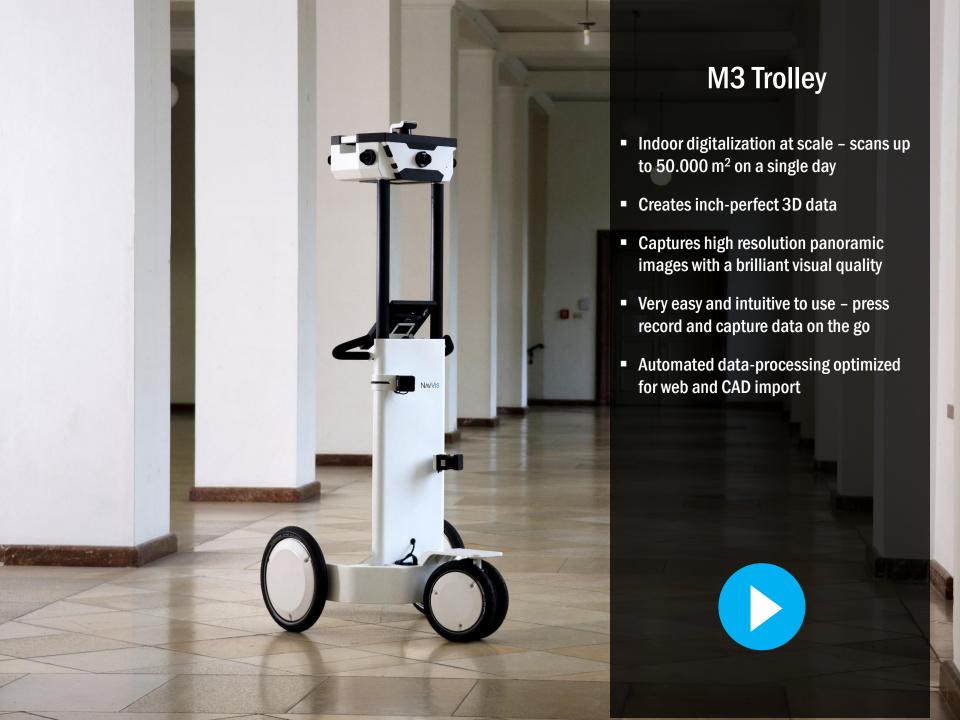
Dr. Felix Reinshagen

Phone: +49 151 1211 7687 Email: reinshagen@navvis.com

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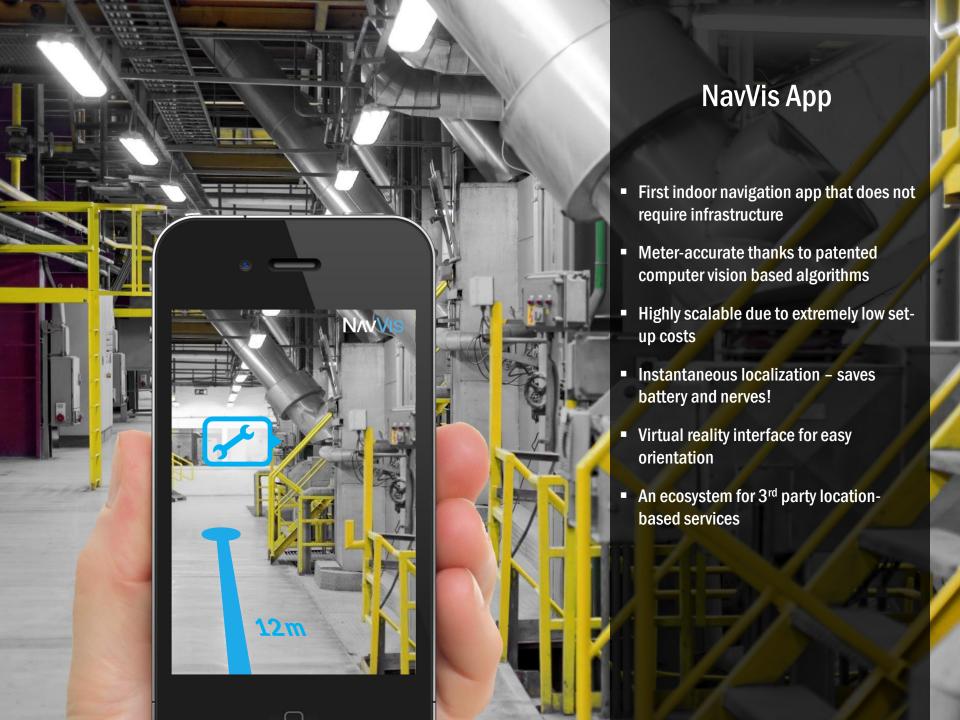
Appendix



IndoorViewer

- Browser-based viewer to access and explore your buildings in 3D on any device
- Interact with points-of-interest and connect them to real-world objects
- Route between any two locations
- Measure distances and volumes
- Share your location and points-ofinterest via Mail or Facebook
- Provides a powerful API to integrate IndoorViewer into your SAP, facility management tools, or any other existing infrastructure

Test here



250 billion m²

total global floor space

50 billion m²

will be fully digital by 2020

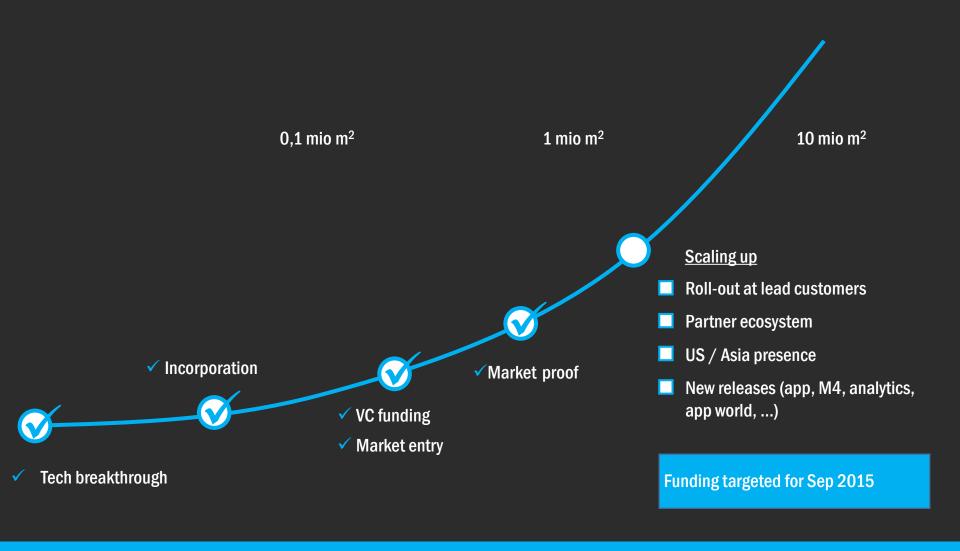
Scalable go to market model



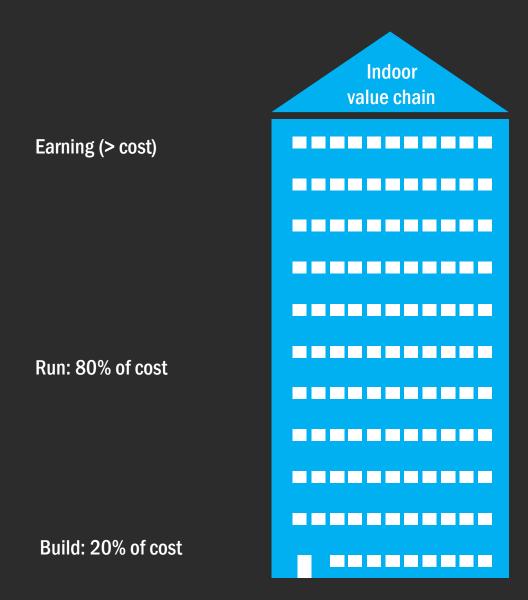
Customer Segment		Go to Market Approach	Focus
Consumer		Direct through app and referral engine	Access to large consumer revenue pool
SME		Partners	Scalability in sales and service
Enterprise		Direct with service and value added solutions through partners	Relationship to key accounts; learning / market knowledge

Towards NavVis in every room





2010 2013 2014 Q1 2015 Q3 2015



> € 200 per m² p.a.

Digital value creation indoors





Benefits of digitalization (examples)

- Improve multichannel retail experience
- Digitally plan / manage production assets
- Leverage virtual visits and smart location based services
- П.,

- Replace 80% of onsite visits through remote visits
- Allow insurance premiums for digitally documented buildings
- ...
- Allow remote visits, documentation, collaboration on construction sites
- Document real estate transactions
- ..

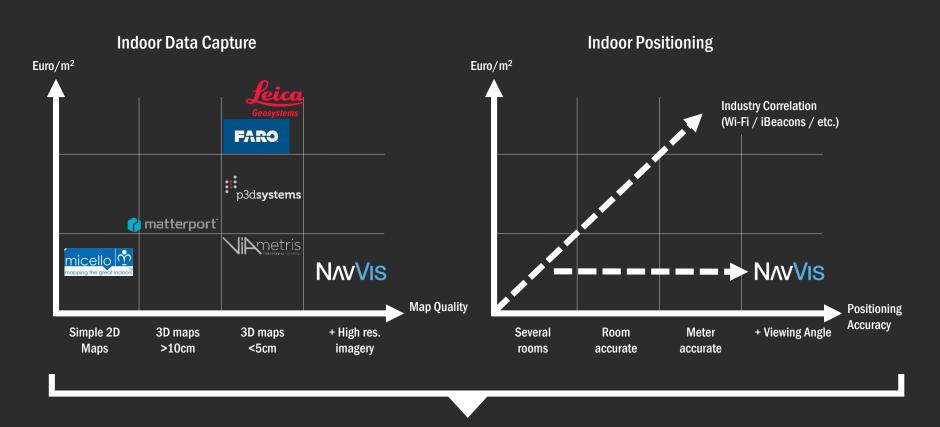
> € 1 trillion addressable market

Assuming only 10% digital value share of today's value creation

Digitalization will further expand value creation

Competition





NavVis provides the only full stack offering in the indoor space

Superior cost to quality ratio



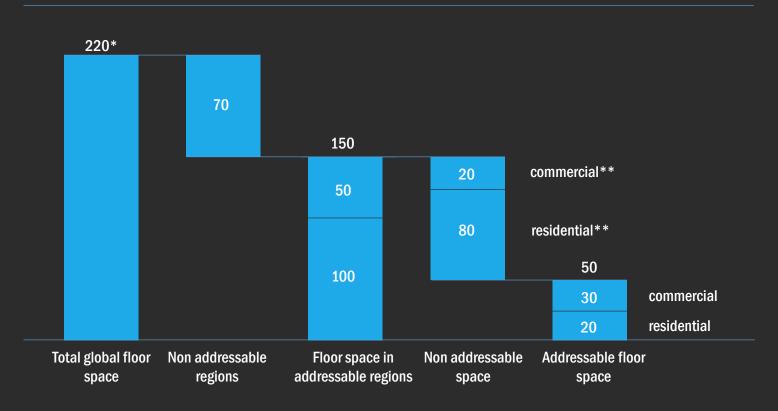


Indoor space will go digital



Outdoor space is digitally captured and easily available on all our devices today. Economically even more valuable indoor space – counting in billions of square meters – is still a digital wasteland.

Global total addressable market 2020 (m²)



- * Statistical data provides a wide range of estimations of global floor space from m² 150 bn to 300 bn globally
- ** Non addressable commercial space refers to (very) small shops / office space; non addressable residential space refers to small to medium sized private space

Customers







































10 - 2014 10 - 2015

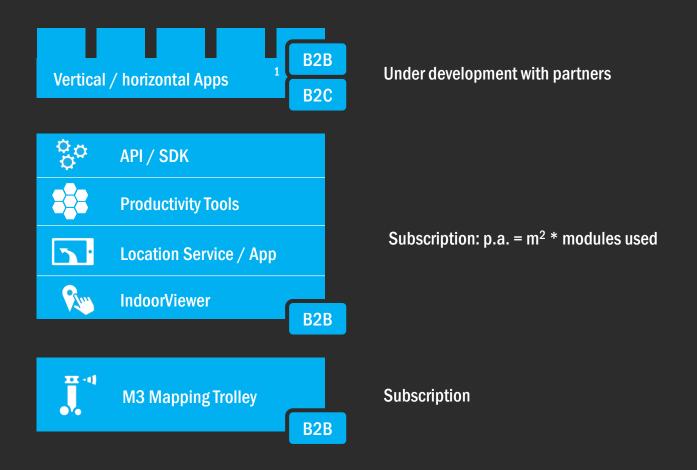
Application World: Global Partners



Developer	Developer & Product Description	
<pre>@esri</pre>	Web-based indoor/outdoor geo solution	
Intershop*	E-commerce plug-in for IndoorViewer	
\\\\// PANORAMA BERLIN	Building a trade show viewer on NavVis	
SIEMENS	Integration into building management product offering	
SAP	Analytics and retail solutions in cooperation with SAP Hybris	
N _A VVIS	Task management, crowd based object detection, tour-builder	

Business model





Backers, Awards & Media



Backed by renowned venture funds and industry leaders

Honored by multiple prestigious awards

Featured by national and international media







BayBG









- Technical University Munich, DLR, ESA, BayStartUp, ...
- Angels incl. Don Dodge (Google Dev advocate), Juergen Gallmann, (former **CEO Microsoft Germany) and Lothar Stein (former Director McKinsey)**











- **European Space Agency Award**
- **VDI** Award
- **VDE Award**
- **E.On Future Award**
- **Best of Munich**









Süddeutsche Zeitung















- **TechCrunch**
- WiWo
- **Technology Review**
- Frankfurter Allgemeine Zeitung
- Süddeutsche Zeitung
- Computerwoche