

AUGMENTED RIFT

IDEAS FOR NEW HEALTH CARE CONCEPTS



JAN DEITERDING

TNG TECHNOLOGY
CONSULTING

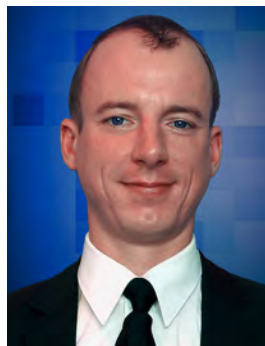
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Das Team

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Viktor Bogischef



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Agenda

- Historie
- Stand der Technik
- Code & Technik
- Anwendungsgebiete
- Fazit

"The Master Key"

L. Frank Baum (1901)



"The Sword of Damocles"

Ivan Sutherland (1968)



Google Glass

Google (2013)



Hololens

Microsoft (2015)



Hololens

Microsoft (2015)



Hololens

Microsoft (2015)



Unendliche Vielfalt

Samsung, Google, Vuzix, Epson ...



Atheer One



Epson Moverio BT100



Epson Moverio BT200



Google Glass



ION Glass



Meta One



Meta Pro



Recon Jet



Samsung Galaxy Glass



Vuzix M100



Vuzix m100 Safety



Vuzix m2000AR

Code & Technik

TNG Augmented Rift

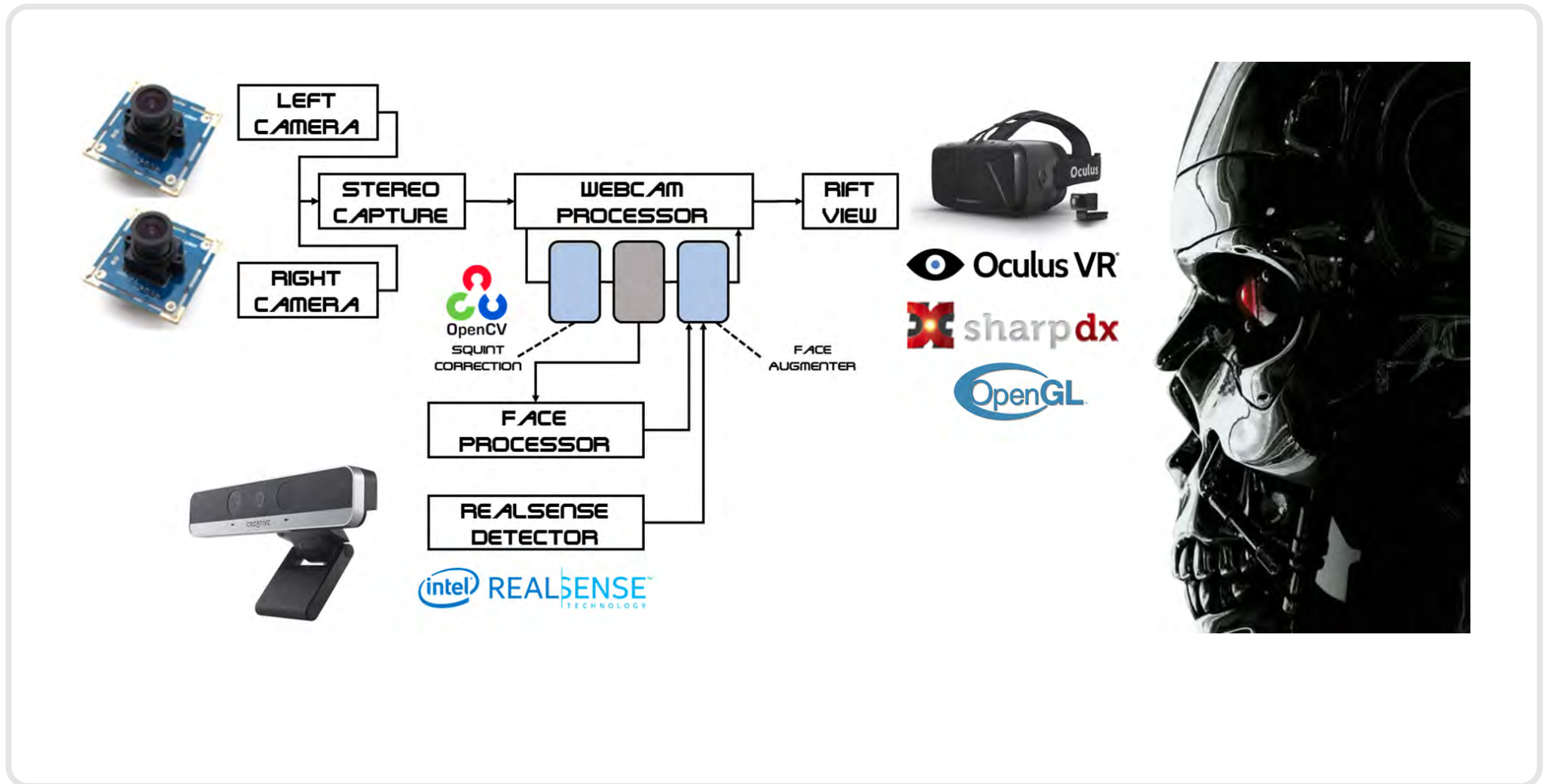


Demo Time



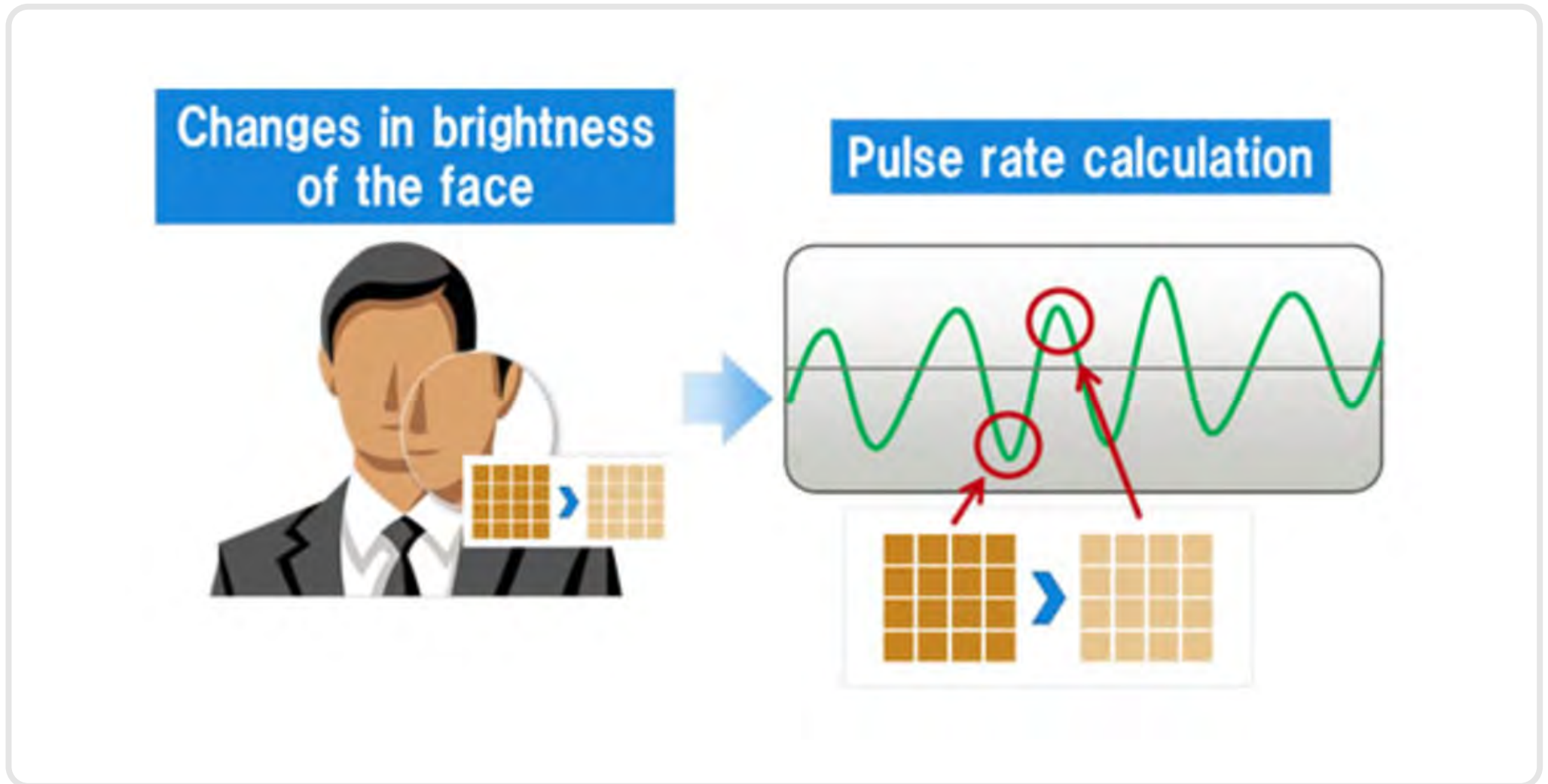
Code & Technik

Aufbau



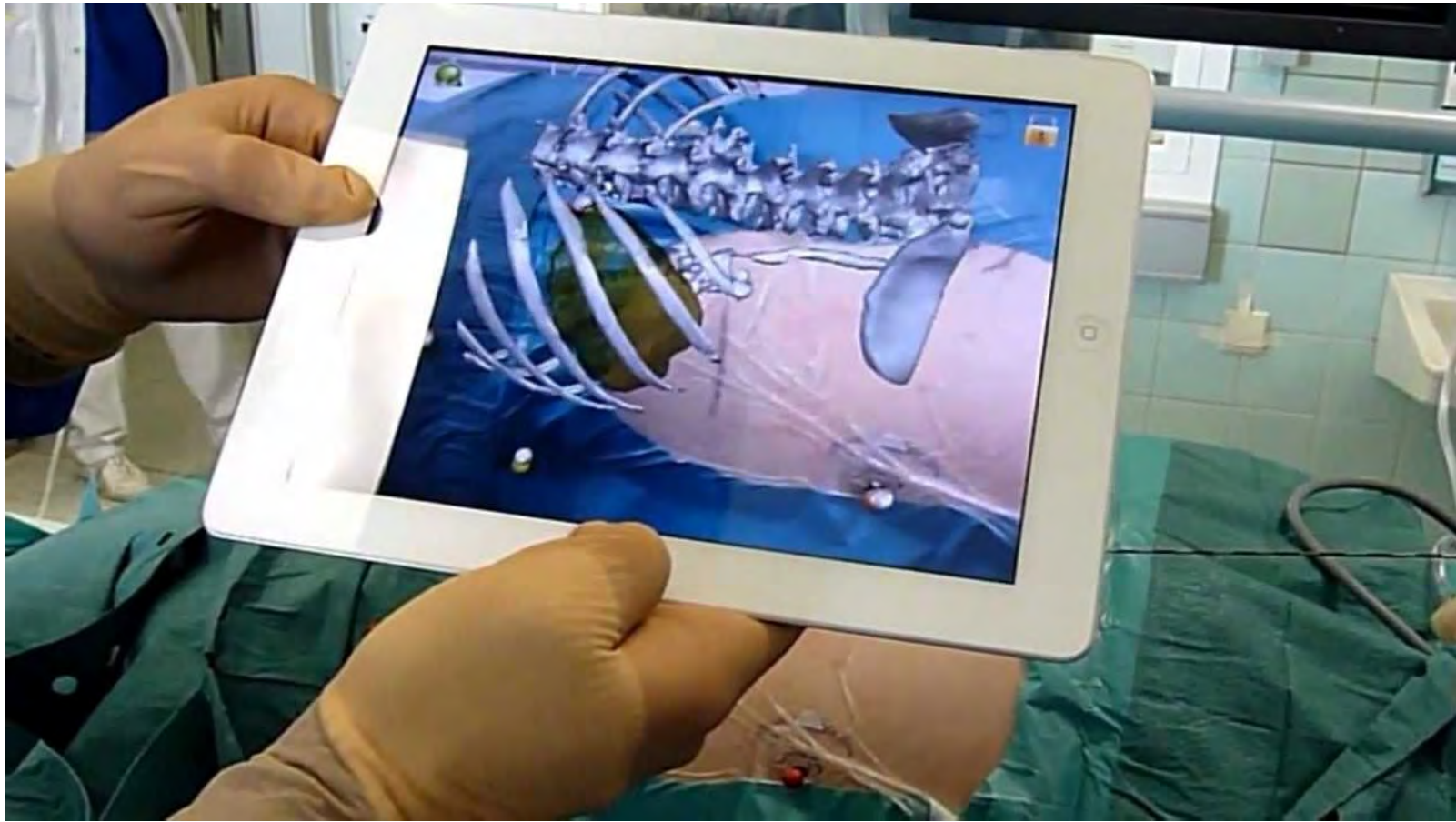
Code & Technik

Fujitsu Laboratories (2013)



Anwendungsgebiete

Medical Healthcare



Ausbildung

Virtuelle Operationen



Monitoring

Vitalzeichen und Krankenakte



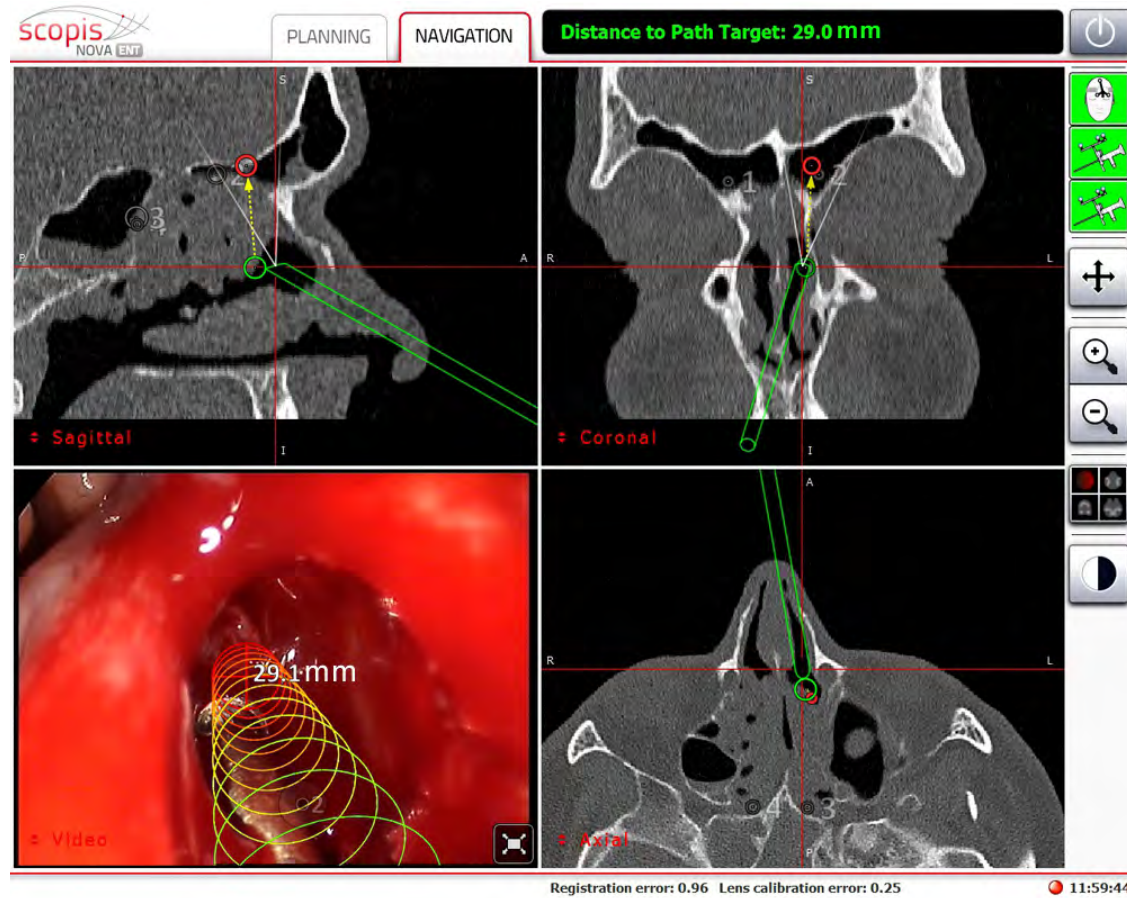
Operative Eingriffe

Virtuelle Spiegel



Operative Eingriffe

Smart Microscopes



Operative Eingriffe

Smart Spaces



Smart Clothing

Non-invasive micro sensors



Assistenz Systeme

Parkinson



Assistenz Systeme

Augmented Cane



Behandlung von Phobien

Kakerlaken Desensibilisierung



Wohin geht die Reise?



Fragen?

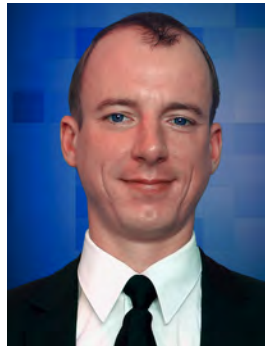


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