



5G IN THE DIGITAL SOCIETY

Peter Seidenberg

P3 group

WHAT IS IT ALL ABOUT?

P3

Innovation

Whatever was new before we were born is environment

Whatever came after is innovation

Innovation drives demands



CAPABILITIES

P3

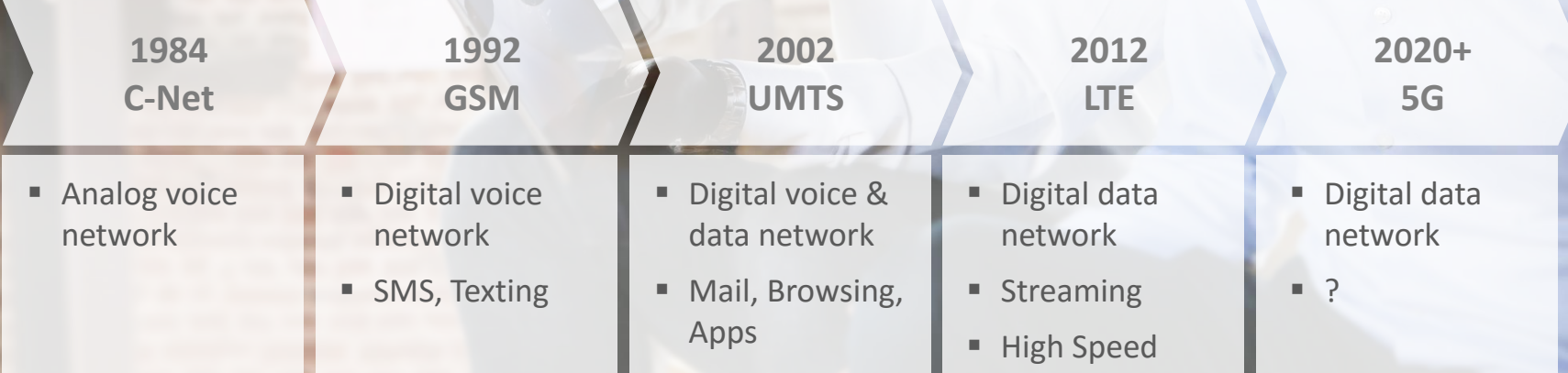
Capability creates Opportunity

Once it is there
it could be a business in itself or
provides a platform for even more innovation

5G is about to provide new
capabilities enabling new
innovations and applications



Example Germany every 10 years new





SAMSUNG

Smartphones came with mobile internet connections



Song download came from “load and wait” to instant availability

NETFLIX



Spotify

Netflix and Spotify came with high speed internet



WhatsApp, facebook, etc. came with internet everywhere

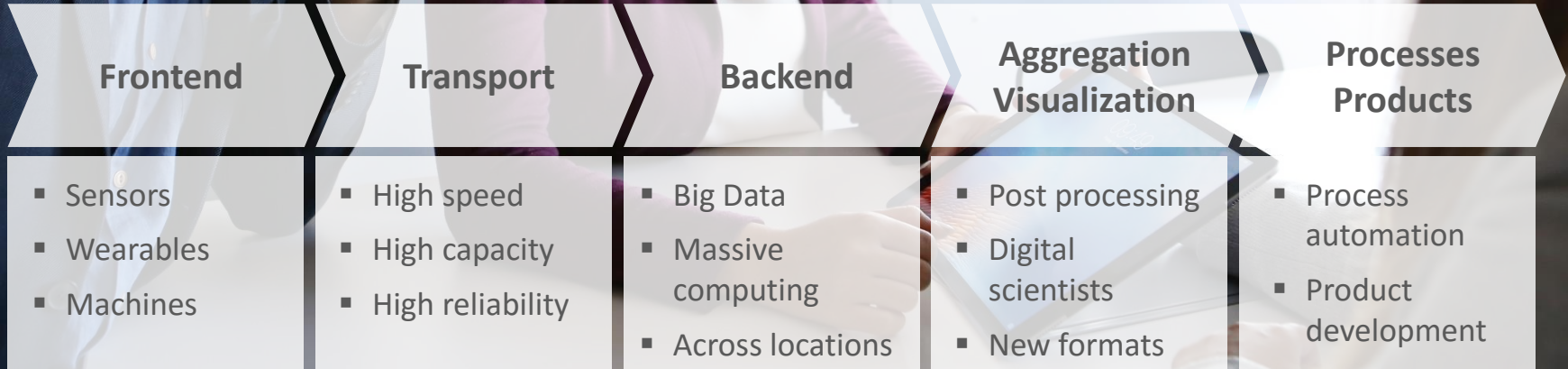


TELENOTARZT.DE

Mission critical applications came with improved reliability

Services will be developed along with capabilities
Until now, all provided resources have been consumed...

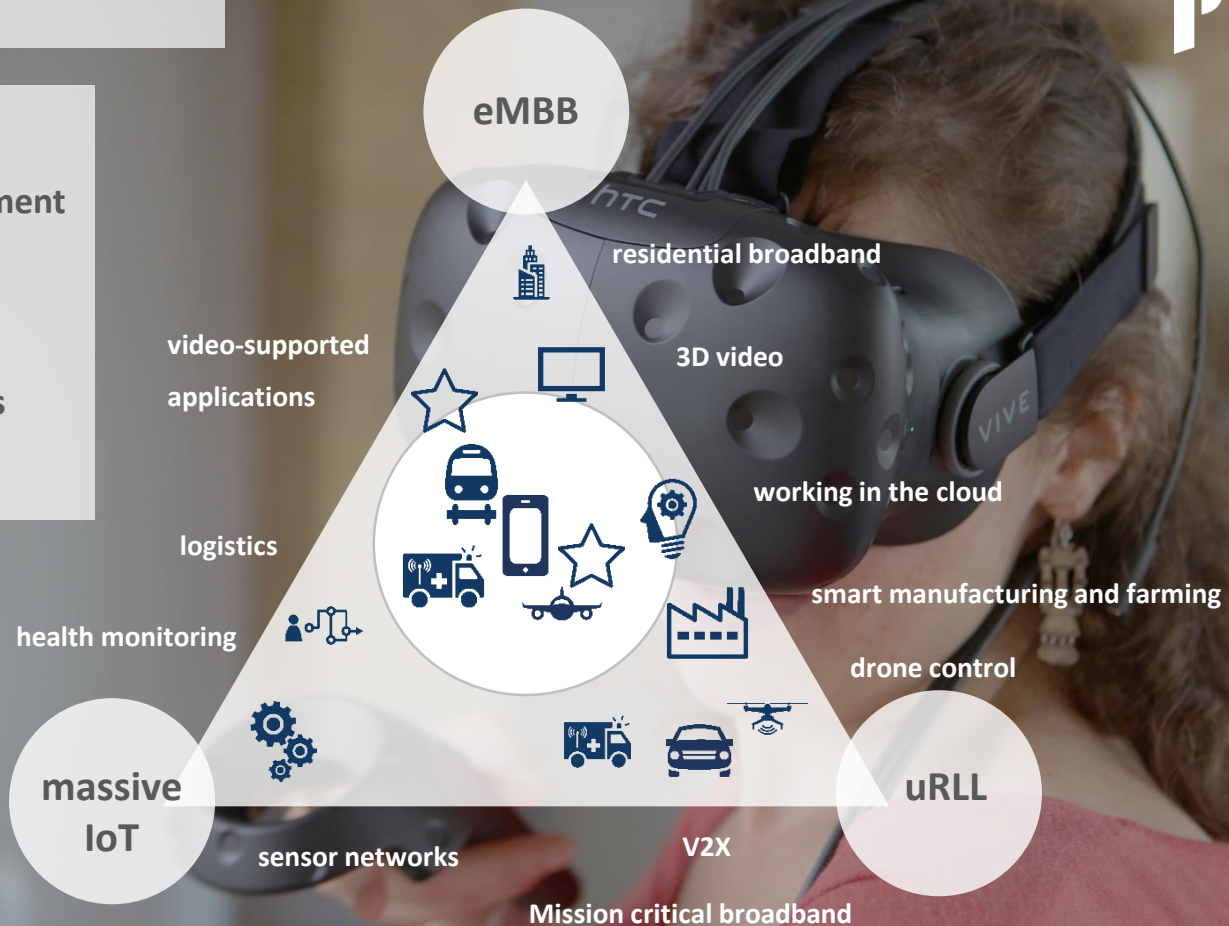
The next big thing to change our lives ...



5G AT THE HORIZON

- 300 Mbit/s in dense urban areas
- 1000 Mbit/s in smart office environment
- 10 Gbit/s peak data rates
- < 1ms latency
- 15 Tbit/s / km² for smart office areas
- Real time positioning accuracy < 1m

More capabilities
to come...





Thank you

Address

P3 communications GmbH
Am Kraftversorgungsturm 3
52070 Aachen
Germany

Peter Seidenberg**Managing Director**

+49 151 5713 33444
peter.seidenberg@p3-group.com

**Web**

www.p3-group.com

Disclaimer

This document and all information contained herein is the sole property of P3. No intellectual property rights are granted by the delivery of this document or the disclosure of its content. This document shall not be reproduced or disclosed to a third party without the express written consent of P3. This document and its content shall not be used for any purpose other than that for which it is supplied.