



#### **Industrial 5G applications**

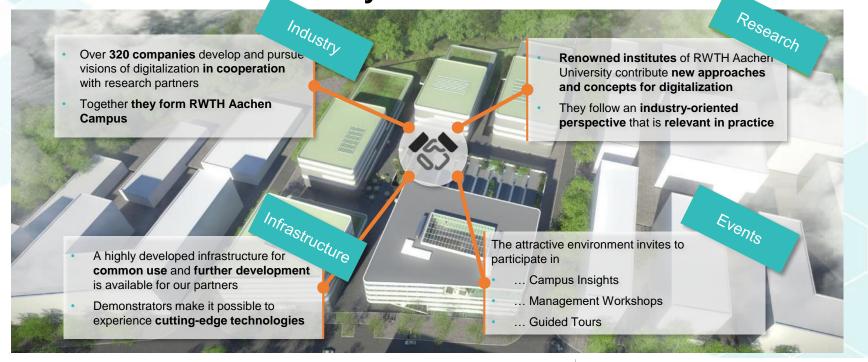
5G CMM – Breakout Session

08.10.2019 Hannover



# At RWTH Aachen Campus renowned industry and research partners jointly drive co-creation in a modern and collaborative eco-system for innovation



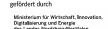












#### Cluster Leading Institute FIR e. V. at RWTH Aachen University



Motto

Research – Innovation – Realisation.

Mission

Research of practice-relevant challenges and transfer of innovative solutions for the digital integration of the economy.











founded 1953



> 70 **Employees** 





managers in eight RWTH certificate courses / year

88 % loyal customers (Net Promoter Score)

Managing Director Prof. Dr. Volker Stich

Director Prof. Dr. Günther Schuh





Qualification of









At the center of the cluster, the Demonstration Factory Aachen combines real production with innovative system solutions.











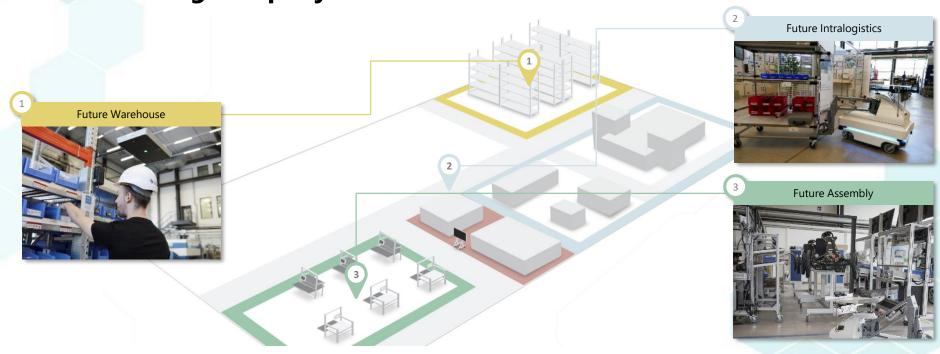






## In the demonstration factory, 5G application cases are presented along the entire value chain of a manufacturing company.

















# In addition to data acquisition and tracking in real time, the Future Warehouse enables simple retrofitting of technology upgrades.

















# The 5G Intralogistic is characterized by autonomous driving systems, which are controllable and reliable in real time due to low latencies and network slicing











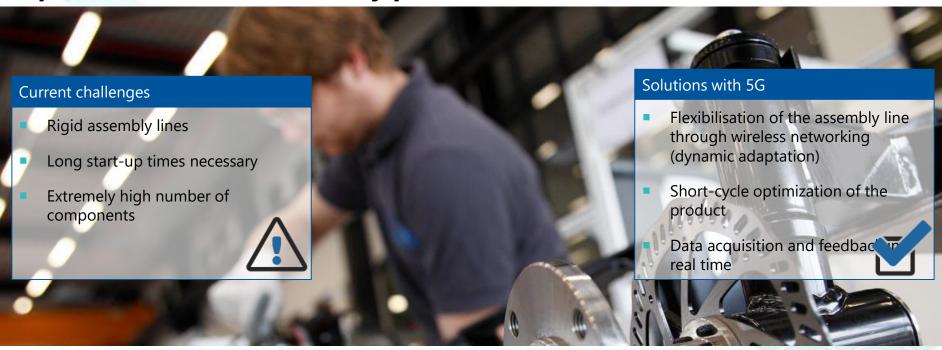






# The 5G Assembly enables full wireless networking of assembly lines, allowing continuous and short-cycle optimization of the assembly process

















#### Competent consulting and support from the initial question to the implementation of 5G applications







**5G Innovation Day** 5G Factory Tour & Workshop



**5G Potential Analysis**Onsite Visit



**5G Roadmap** Action Guide & Network















#### Thank you for your attention

We are looking forward to your questions!









