



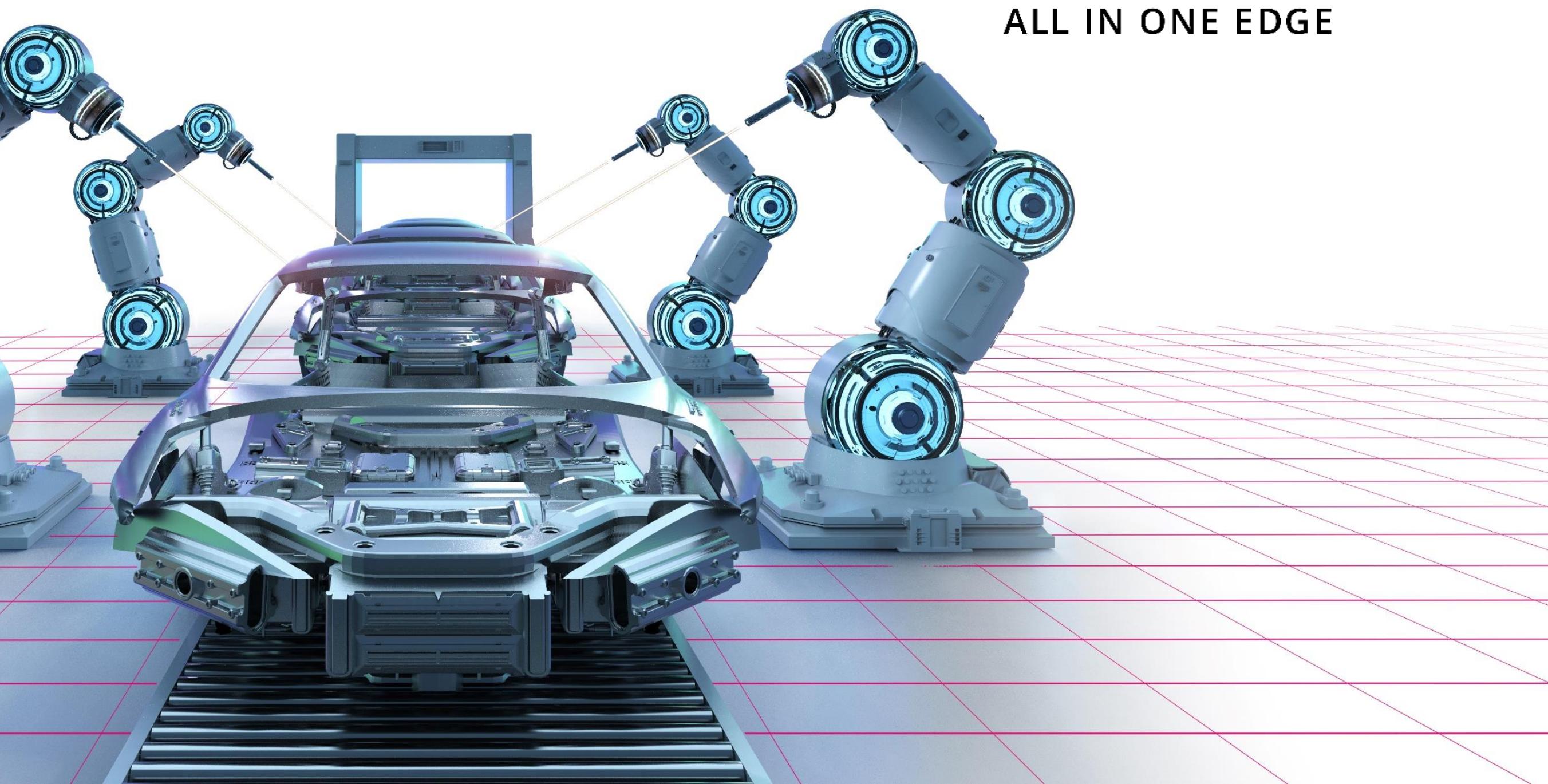
# Scalability through edge computing

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# Main dimensions of scalability in digital manufacturing

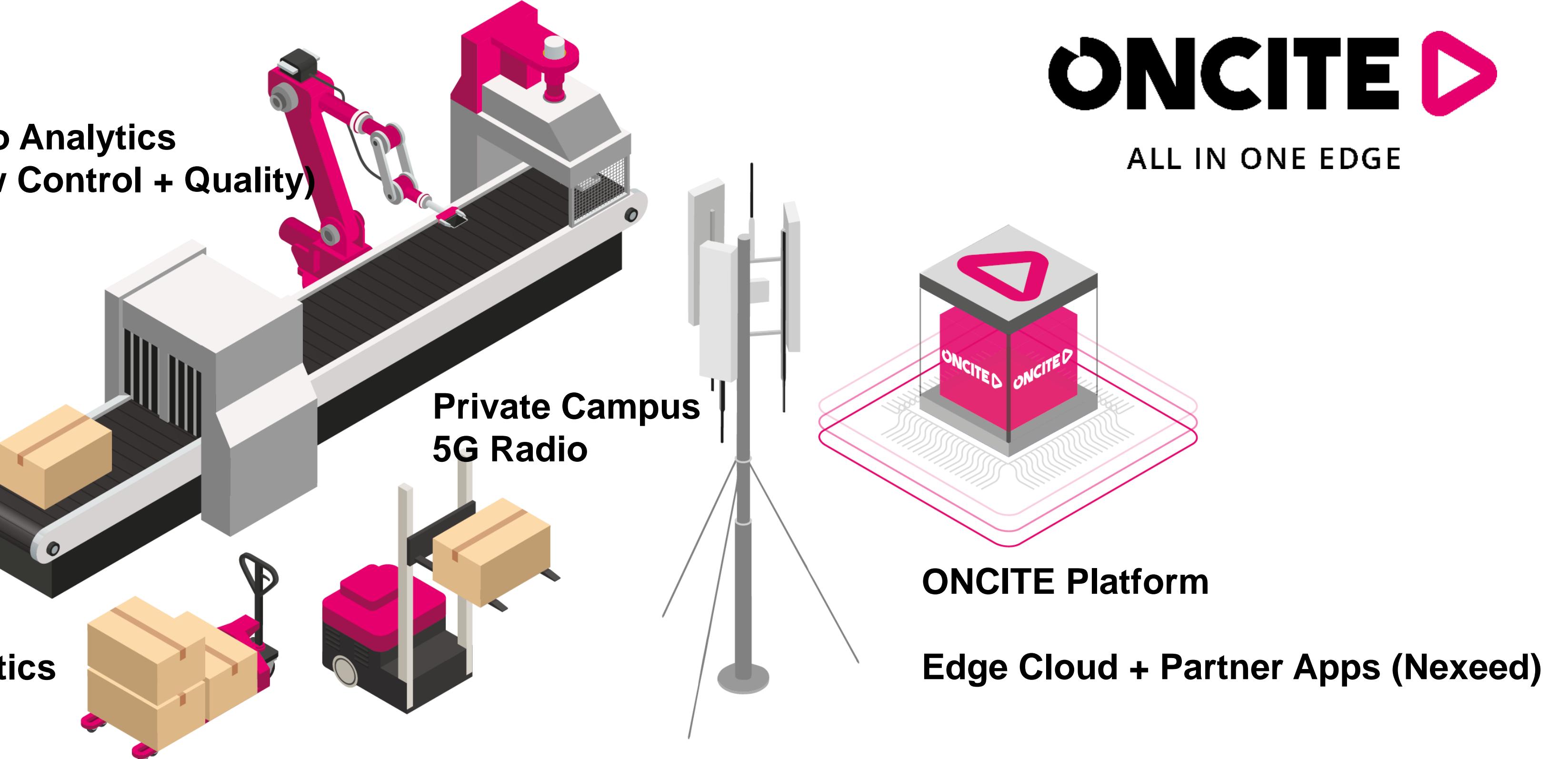
- ▶ Emergence of Industry-wide digital value chains
- ▶ Use of new algorithms for OEE optimization on machine mass data
- ▶ Campus 5G solutions
- ▶ Data sensitivity and sovereignty
- ▶ Multi industry cloud interconnectivity





## IIoT edge platforms

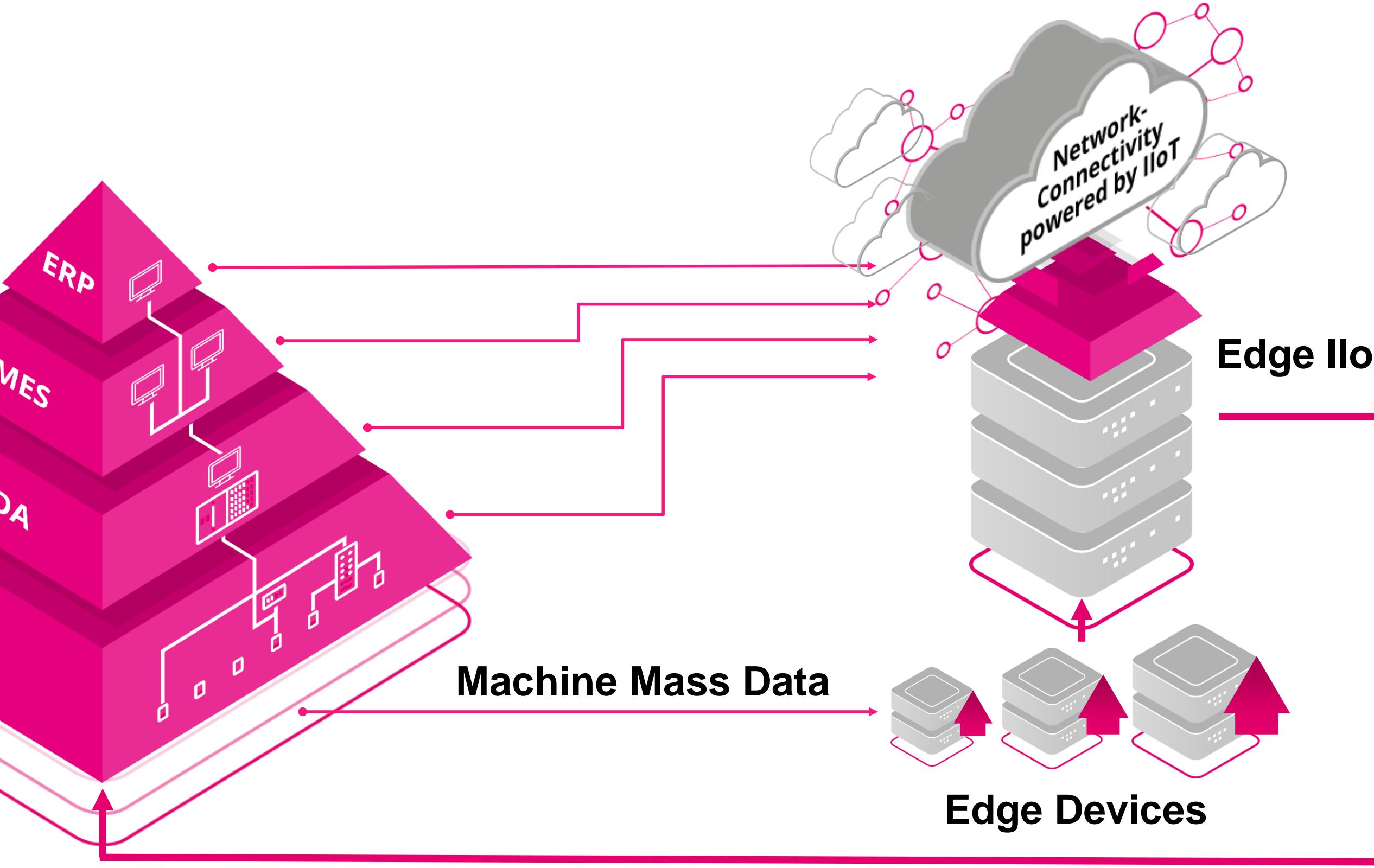
**Edge Computing as the center  
of digital value creation  
for the manufacturing industry**



# Mass data and app scalability

## Extending the legacy production automation IT

On-premises  
legacy Automation



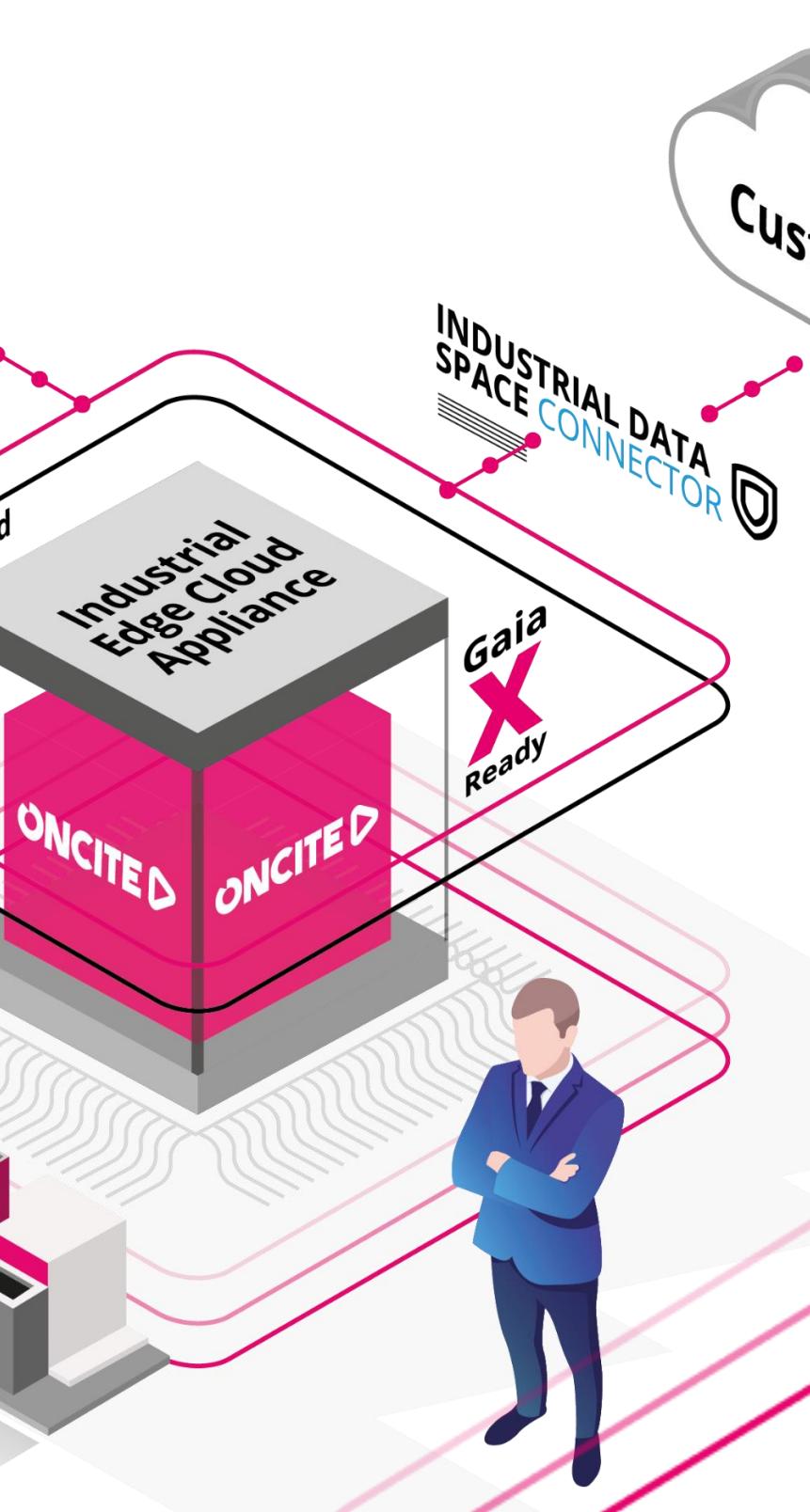
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**Multi cloud & data sovereignty scalability**

**Enabling industry digital value chains**

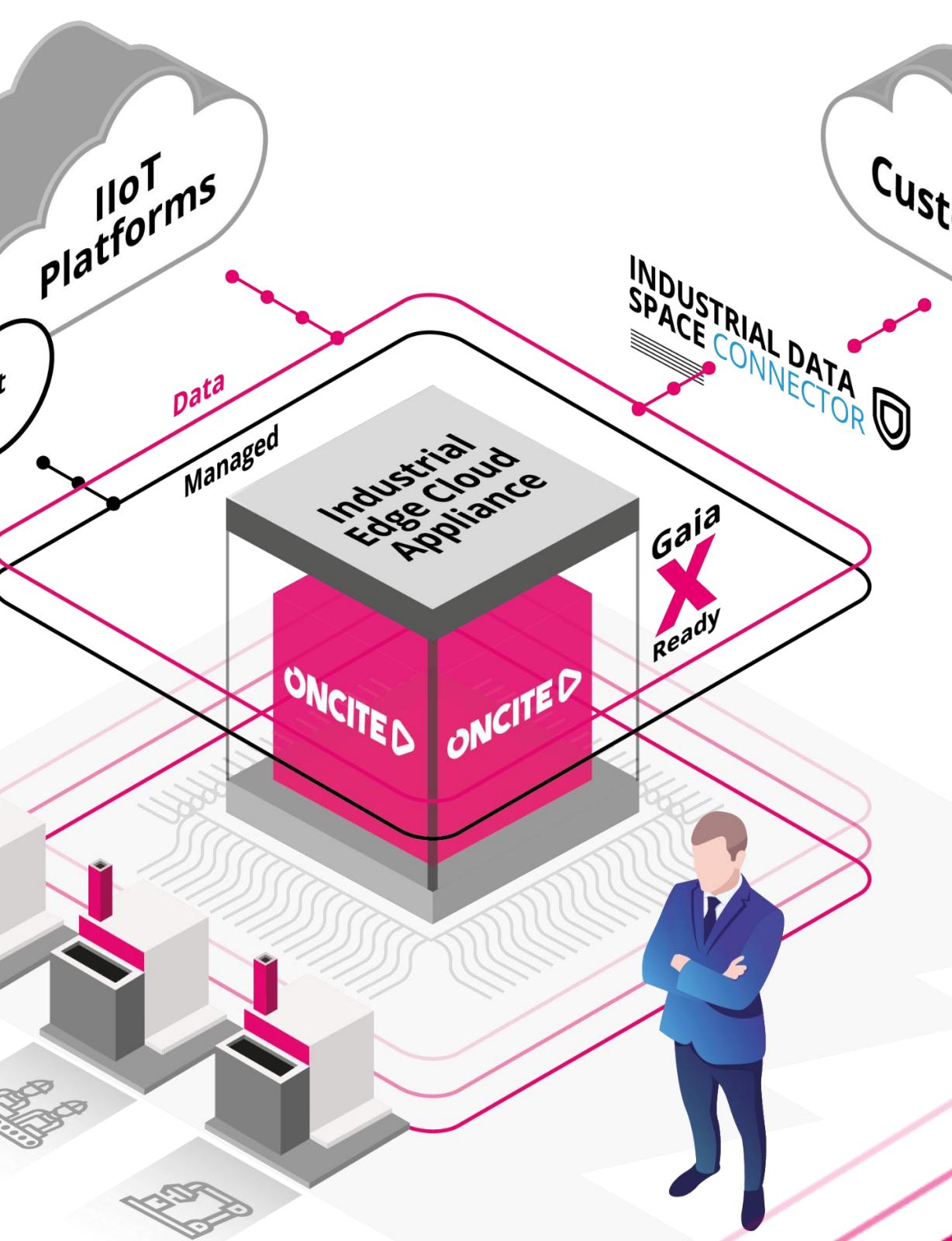




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## New Rittal plant digitalization value creation through legacy automation IT + IIoT Edge computing

<b>Quality</b>	<b>Complaint per million sales</b>	<b>-75%</b>
<b>Time</b>	<b>Order cycle time</b>	<b>-80%</b>
<b>Costs</b>	<b>Output per employee</b>	<b>+45%</b>
	<b>GAE (A-Machinery)</b>	<b>+15%</b>



**Higher scalability through edge computing**

**Edge Computing as the center of digital value creation for the manufacturing industry**