

# 5G IoT and Industry 4.0

**Elise Neel**  
**Vice President**  
**New Business Incubation**



# What is Industry 4.0?

## Industry 4.0 Defined



### Interconnection:

*Merging of physical, digital & biological*



### Information Transparency:

*Mass data transparently shared & easily accessible*



### High Degrees of Technical Assistance:

*Machines/Robots/AI heavily assist in problem solving*



### Decentralized Decision Making:

*Enable decision making at every level coordinated with all other things*

## New Products Tackling Discrete I4.0 Elements



IoT



xR



Cyber Security



Simulation



Big Data



Robots



Additive Manufacturing



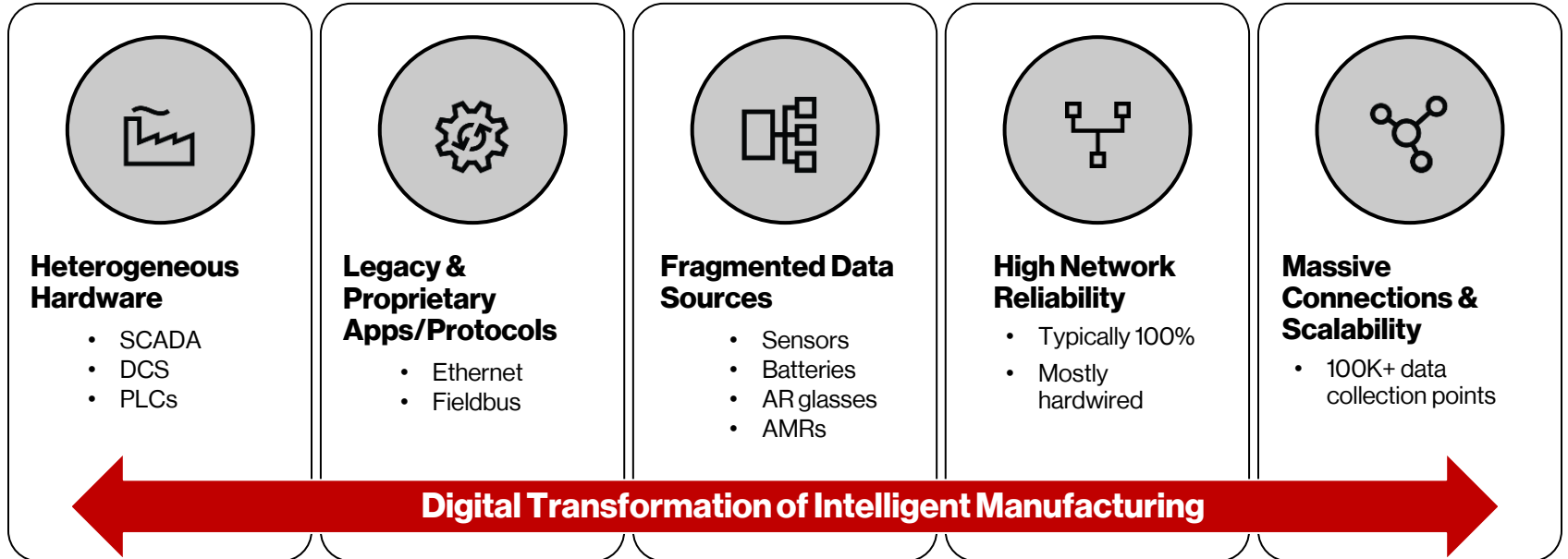
Energy



Cloud Computing

**I4.0 Promise: A fully autonomous, self-improving process of matching products, resources and work to the most appropriate resources**

# Customer pain points: Manufacturers face many challenges in accelerating their digitization efforts



Source: ABI Research, "5G and Edge Networks In Manufacturing"

# Industry 4.0 Critical Components

