

# Enabling Industry 4.0

## IIoT needs an intelligent edge



in association with



**Craft work**  
Human-powered  
Every piece unique



**Industry 2.0**  
Electricity  
Interchangeable parts  
Production lines



**Industry 1.0**  
Water & steam power  
Mechanization



**Industry 3.0**  
Computer controlled  
Automated machinery  
Discrete systems

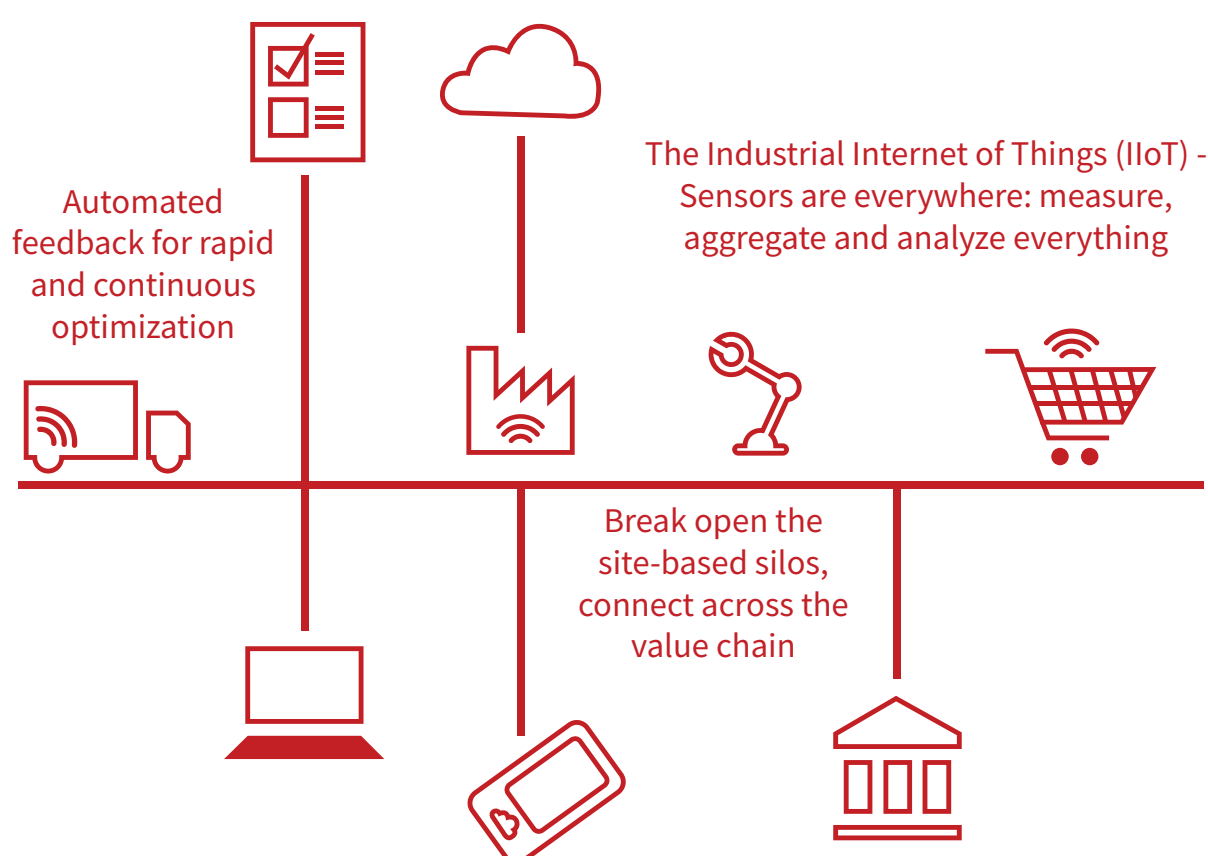
### INCREASED PRESSURE

Markets speeding up  
New business models  
New competition

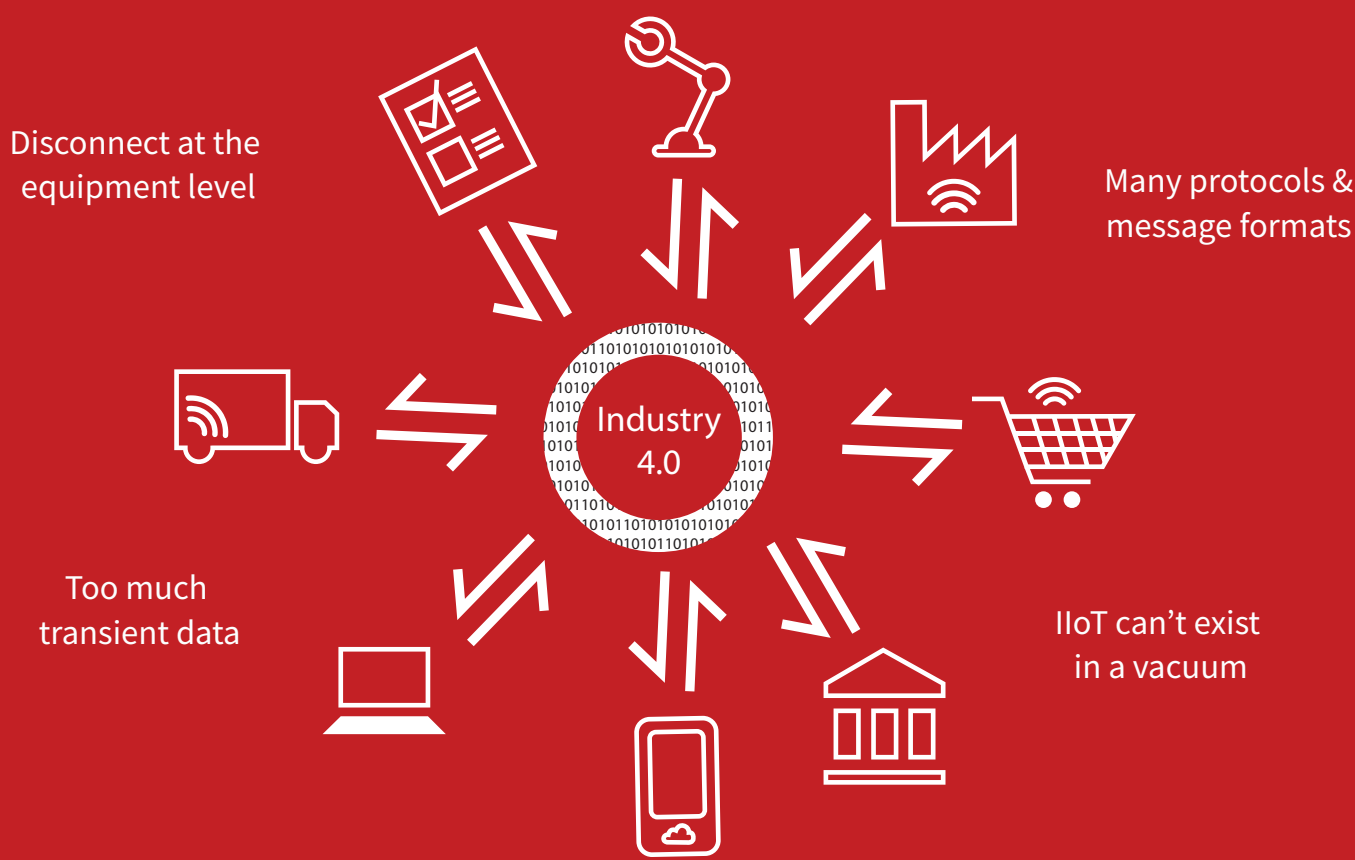
### NEW IMPERATIVE

Digital transformation

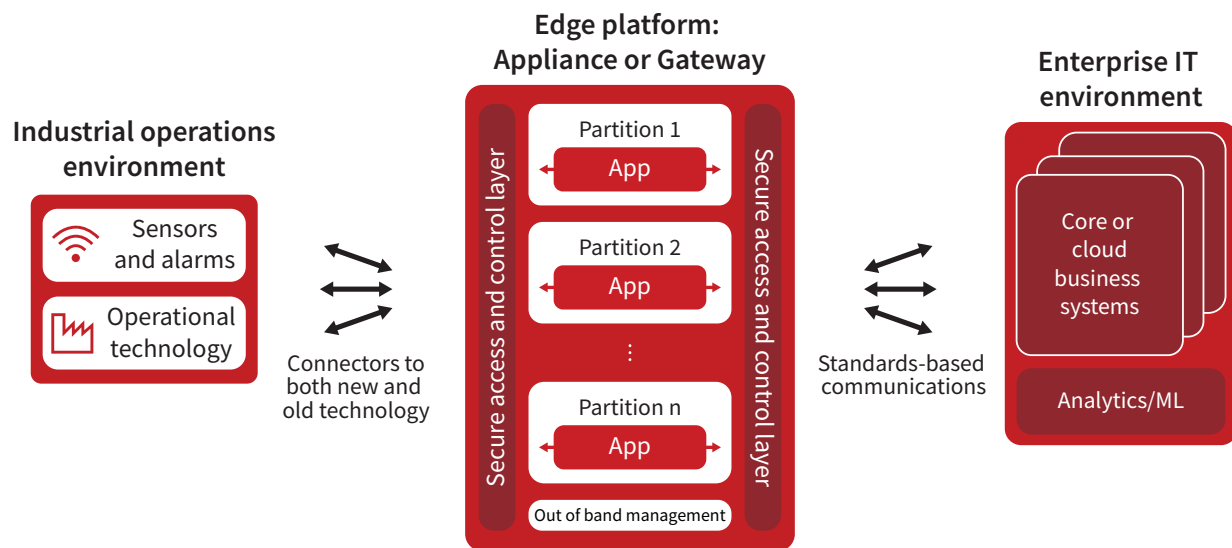
## Industry 4.0 - Connected, Automated, Agile



## The IIoT Communications Challenge



## The Solution: Create an Intelligent Edge



Hardened, secure, many-to-many, multi-protocol data exchange  
Individual applications can transform, filter, aggregate and perform basic analytics at the edge

Smart edge devices handle protocol conversion  
Machine learning to pre-filter & analyze data  
Aggregate and push when connectivity is limited

For more information please see the 'Industrial Digital Transformation' Inside Track downloadable from the Fujitsu website [here](#)