

# FROM FARM TO FORK

70%

more food needs to be produced by 2050.

WITH OUR SOLUTIONS

↑ SPECTRAL ENGINES

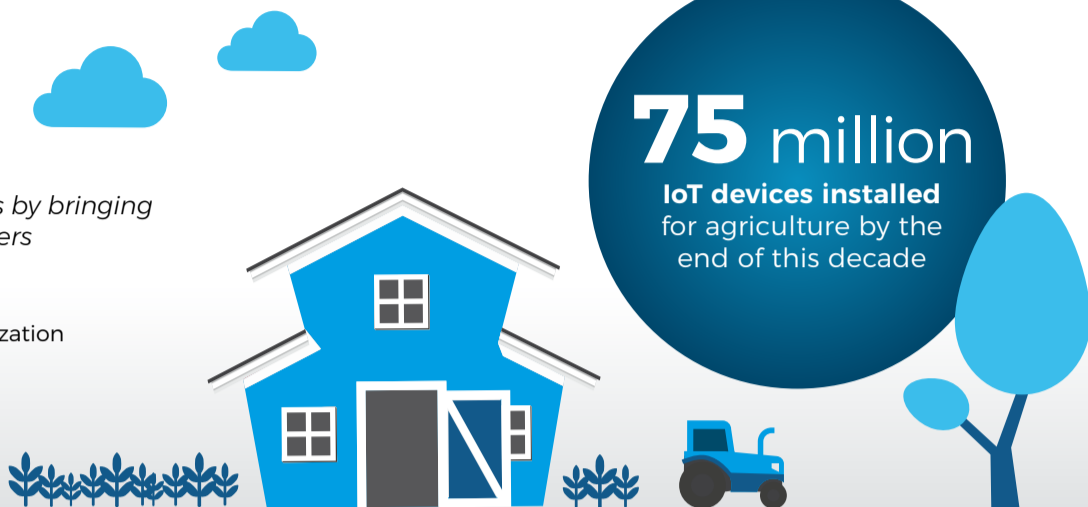
## SMART FARMING

Improved production at farms by bringing real-time information to farmers

- Grain and milk quality
- Soil analysis and optimized fertilization
- Harvesting optimization
- Animal feeding optimization

75 million

IoT devices installed for agriculture by the end of this decade



IoT

Solutions open a new era of application and service creation to industry and consumer markets.

## SMART INDUSTRY

Digitalizing smart food production with more data and sensors

- Raw material inspection
- Real-time quality Information
- Optimized process control
- Quality assurance
- Digitalized production management
- Waste reduction



## SMART RETAIL

Transparent pricing and quality control helps build next generation retail chains

- Real-time quality information
- Counterfeit detection in supply chain management
- Transparent pricing in transactions
- Digitalized product information in the whole logistics chain

13 million

units of forged food was detected in the first half of 2017



92%

of consumers feel that it is important to know where their food is coming from

## SMART HOMES

Information of food increases consumer awareness on what they eat and how they should change their eating habits

- Nutritional values of food
- Optimized eating and diet management
- Food safety and quality assurance
- Integrated home appliances

