Data Fusion.
How combined IoT & AI systems increase business.

10X LAB

Our physical limits today . . . human AI input
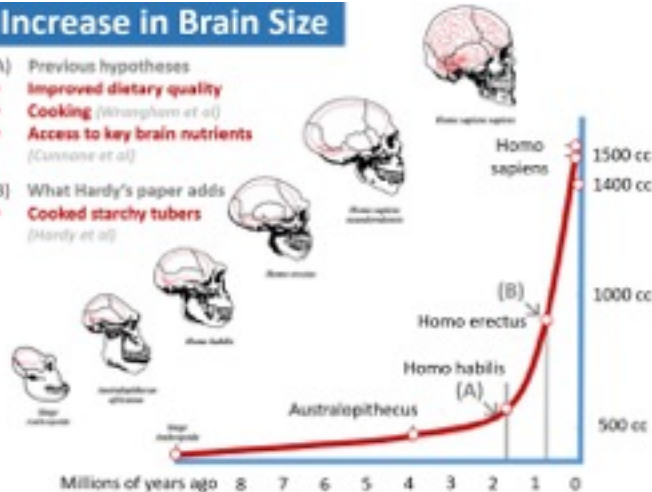

human brain capacity

human interfaces to
the digital world

the game changer: bundled solution

IoT Technology

AI Cloud Technology

Input

edge connected
feedback loops

Output
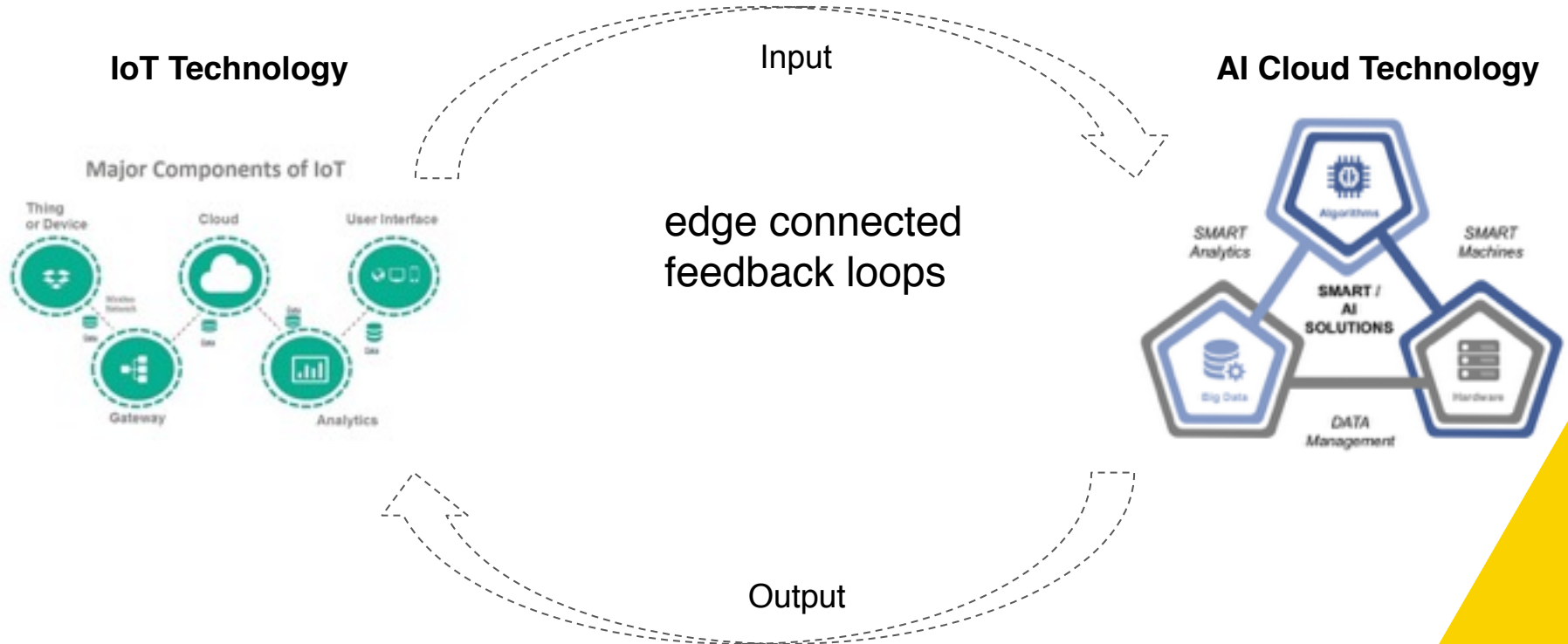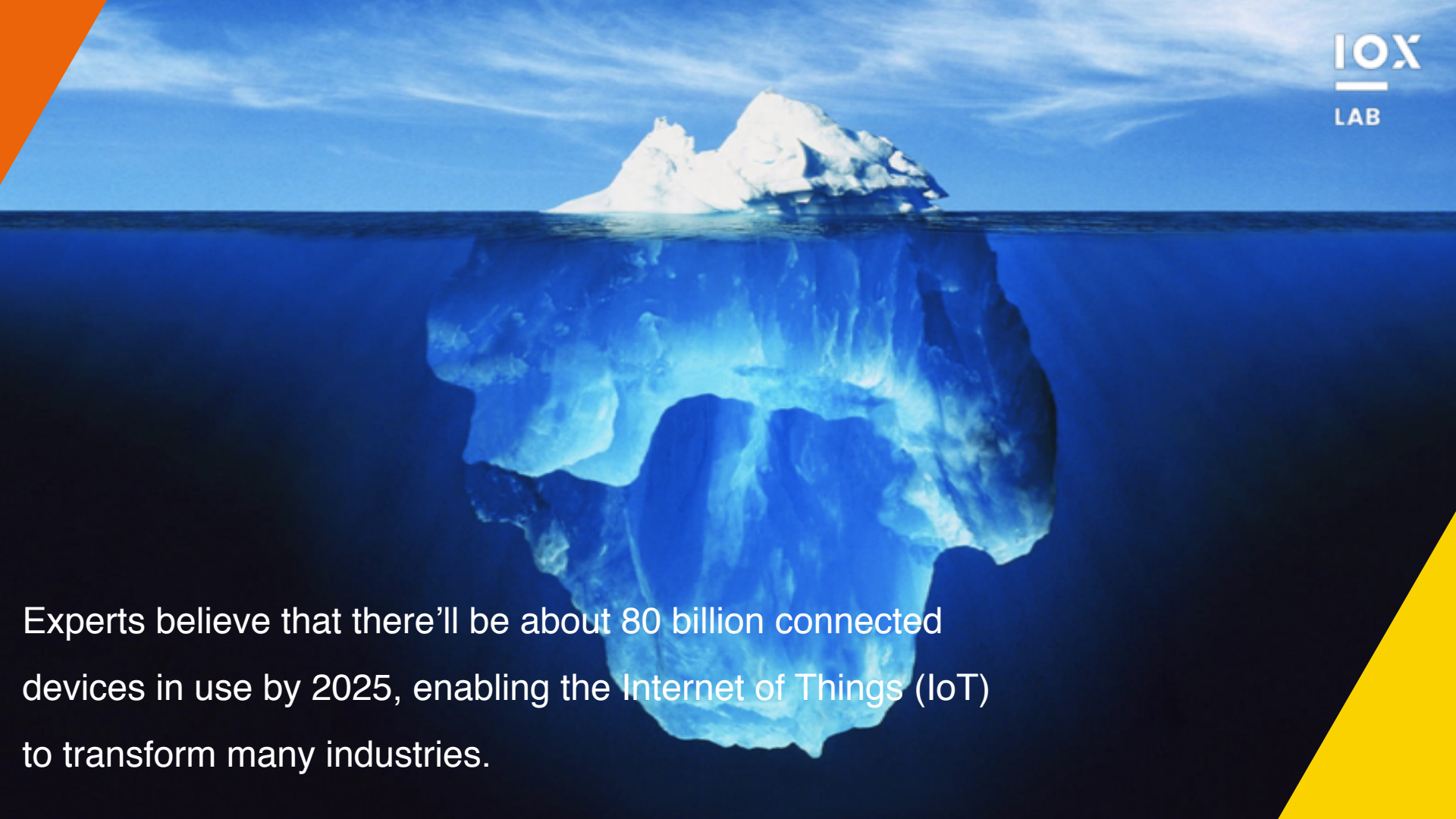
Experts believe that there'll be about 80 billion connected devices in use by 2025, enabling the Internet of Things (IoT) to transform many industries.

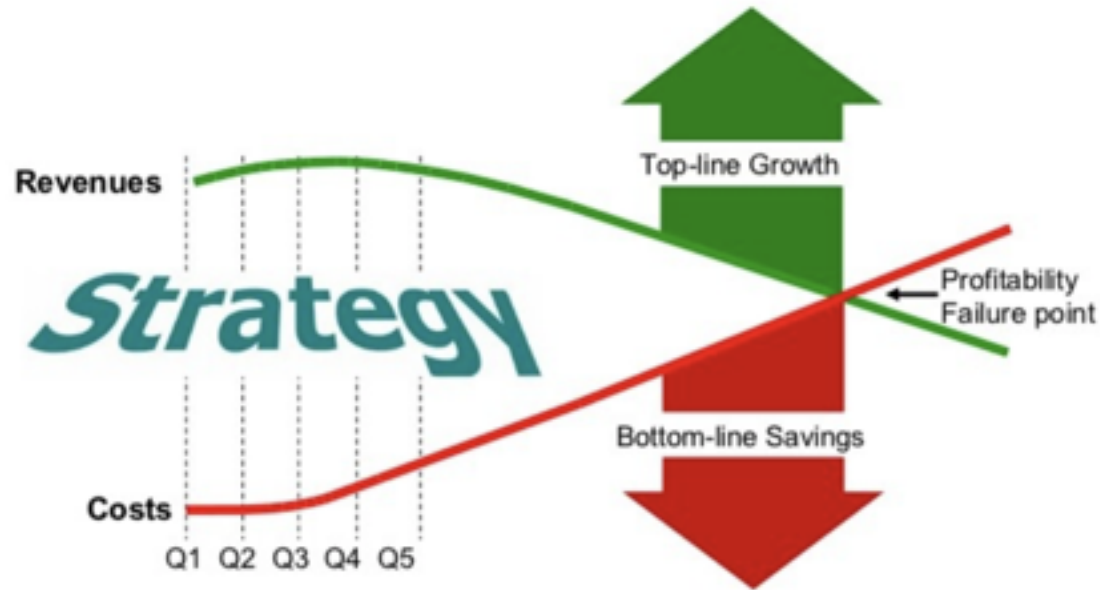**To master complexity we need to manage**

> Business

> Technology

> Transformation

IoT and AI technologies combined

the potential to change the landscape

dustry with automated, intelligent, and

ient practices.

Business > Where do you want to push?

Bottom line Savings

- predictive maintenance
- enhanced productivity
- unplanned downtime
- improve operational efficiency

Top line Growth

- quick response time
- Safety
- competitive advantage
- customer lifetime value
  - reliable
  - predictable
  - actionable

How to develop your business with IoT & AI

Customer Experience

Operations

Business Modell

Understand your customers better with IoT solutions, expand products and services and increase your sales.

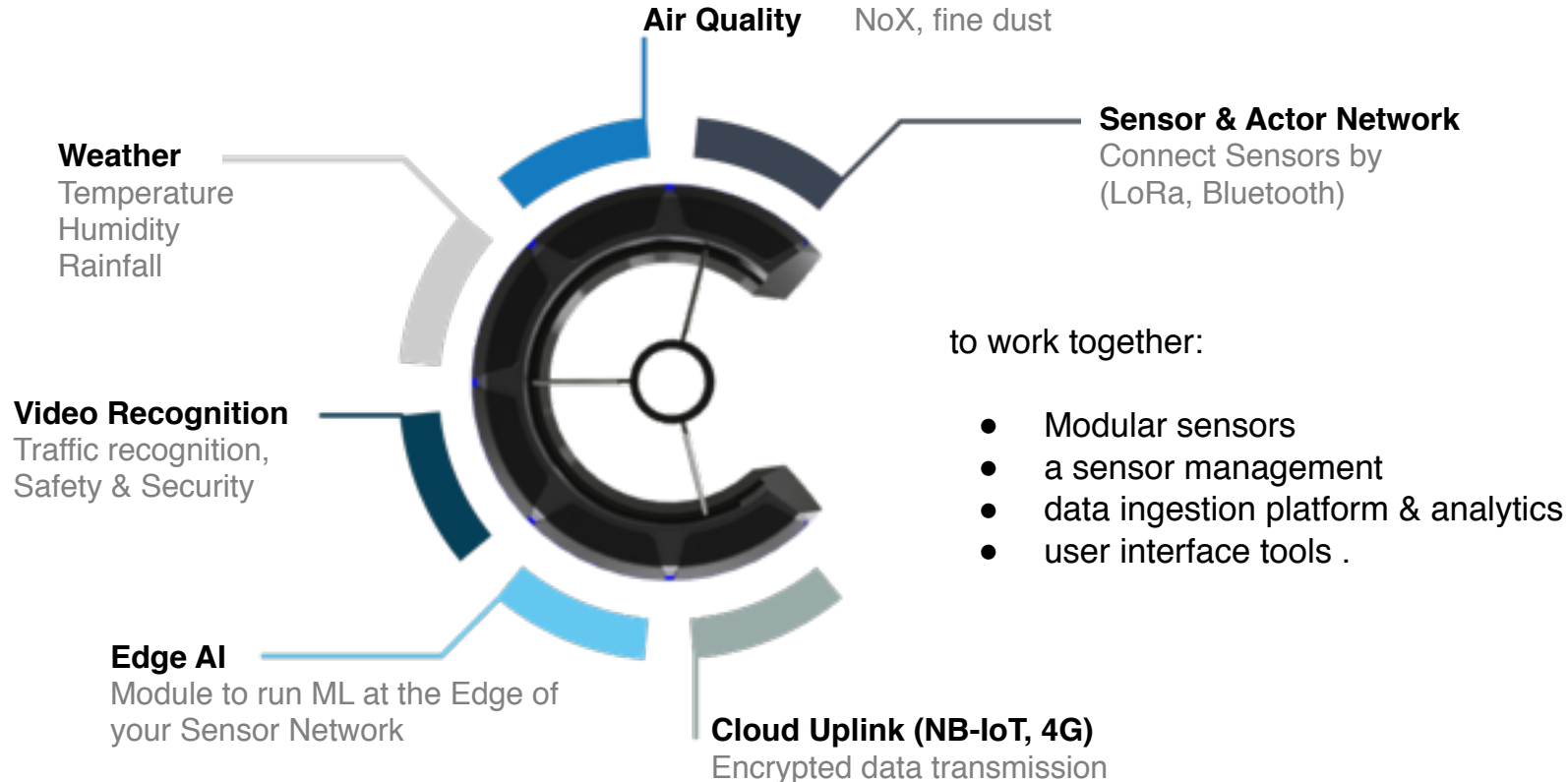Performance management, digitized & automated processes and optimized use of your resources help you reduce costs.

Digitize your business model with IoT and build completely new revenue streams.

complexity requires individual solutions

IoT Technology

Customer Experience

AI Technology

modular solutions to solve complex challenges

Air Quality   NoX, fine dust

Sensor & Actor Network
Connect Sensors by
(LoRa, Bluetooth)

Weather
Temperature
Humidity
Rainfall

Video Recognition
Traffic recognition,
Safety & Security

Edge AI
Module to run ML at the Edge of
your Sensor Network

Cloud Uplink (NB-IoT, 4G)
Encrypted data transmission

to work together:

- Modular sensors
- a sensor management
- data ingestion platform & analytics
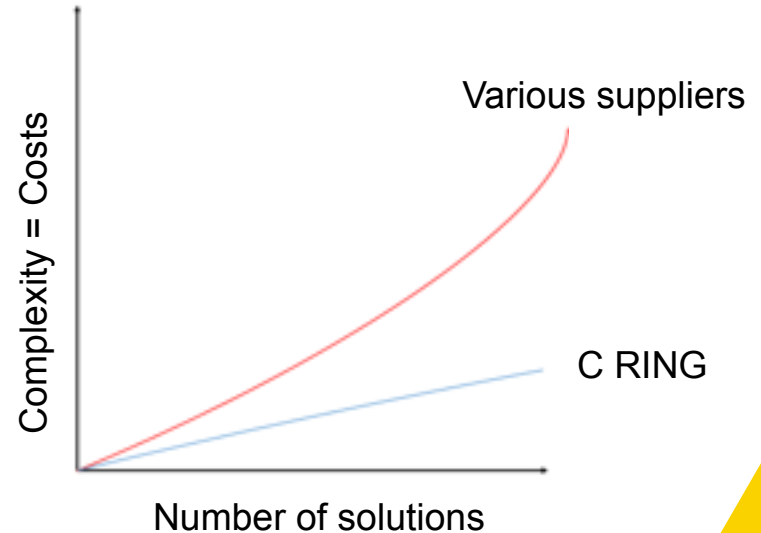- user interface tools .

Turnkey IoT & AI solution to accelerate ROI

Conventional solution integration

- Multiple amount of supplier
- Cost of implementation
- Necessary set of capability and skill

(C ring logo)

- Less complexity of infrastructure
- Economies of scale
- Flexibility
- Partner options

Graph — Vertical axis: Complexity = Costs. Horizontal axis: Number of solutions. Red curve labeled "Various suppliers" rises steeply. Blue line labeled "C RING" rises gradually.

7 Habits for Transformation

1. business strategy before you invest in anything

2. Leverage insiders

3. Design customer experience from the outside in

4. Recognize employees' fear of being replaced

5. Bring start-up culture inside

6. Co Create with others

7. Be open for unexpected opportunities

Speed of Transformation

Digital Twins and Simulations help us to solve global challenges faster.

Are we living in a simulation?

The Simulation Argument

Nick Bostrom (2003)

MAKE THINGS NOT SLIDES.

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