The future is here…

Brian Kealey

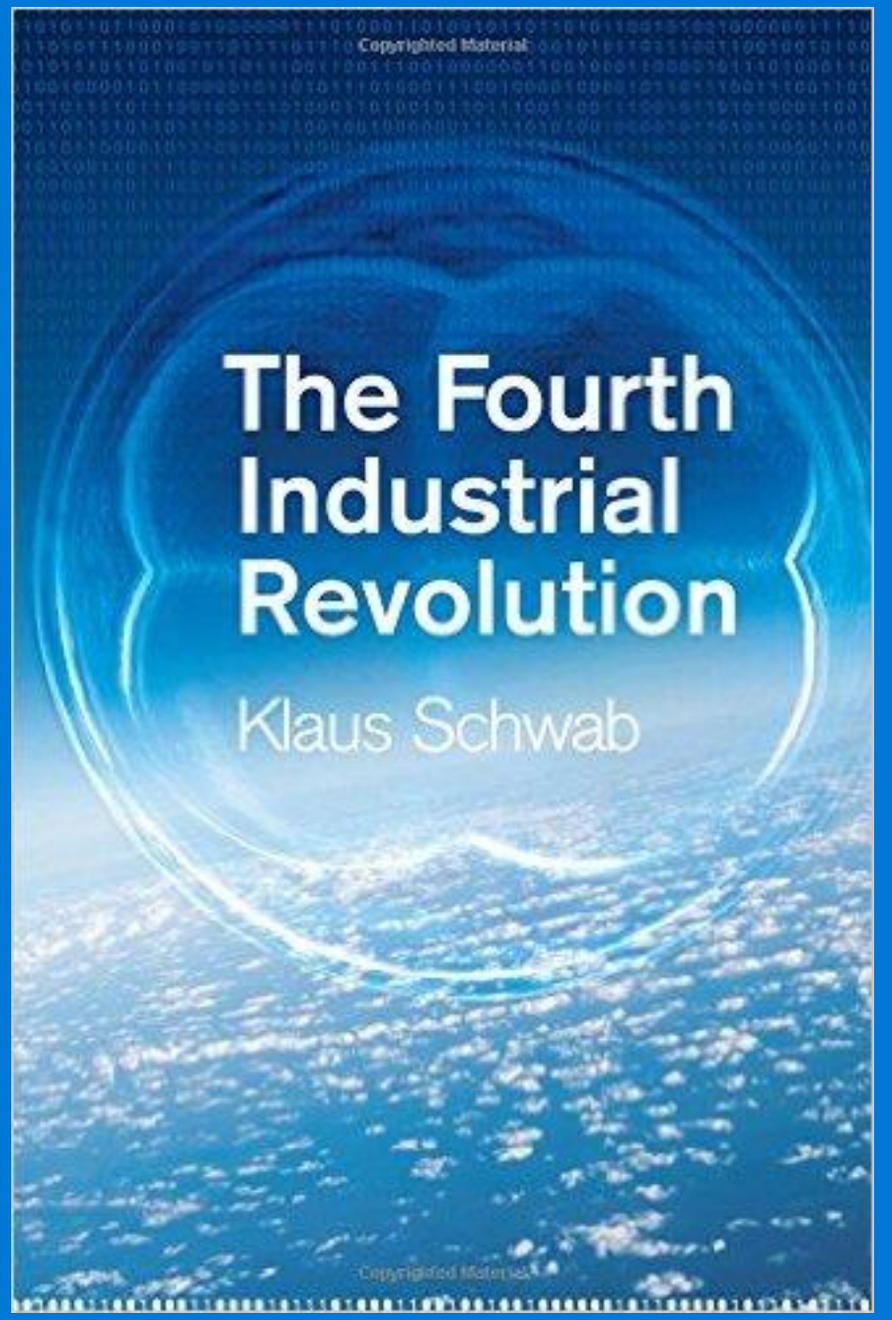
Managing Director (Sri Lanka and Maldives)

Microsoft

@bkealey

"The future is already here –
It's just not evenly distributed."

William Gibson


Copyrighted Material
The Fourth Industrial Revolution
Klaus Schwab
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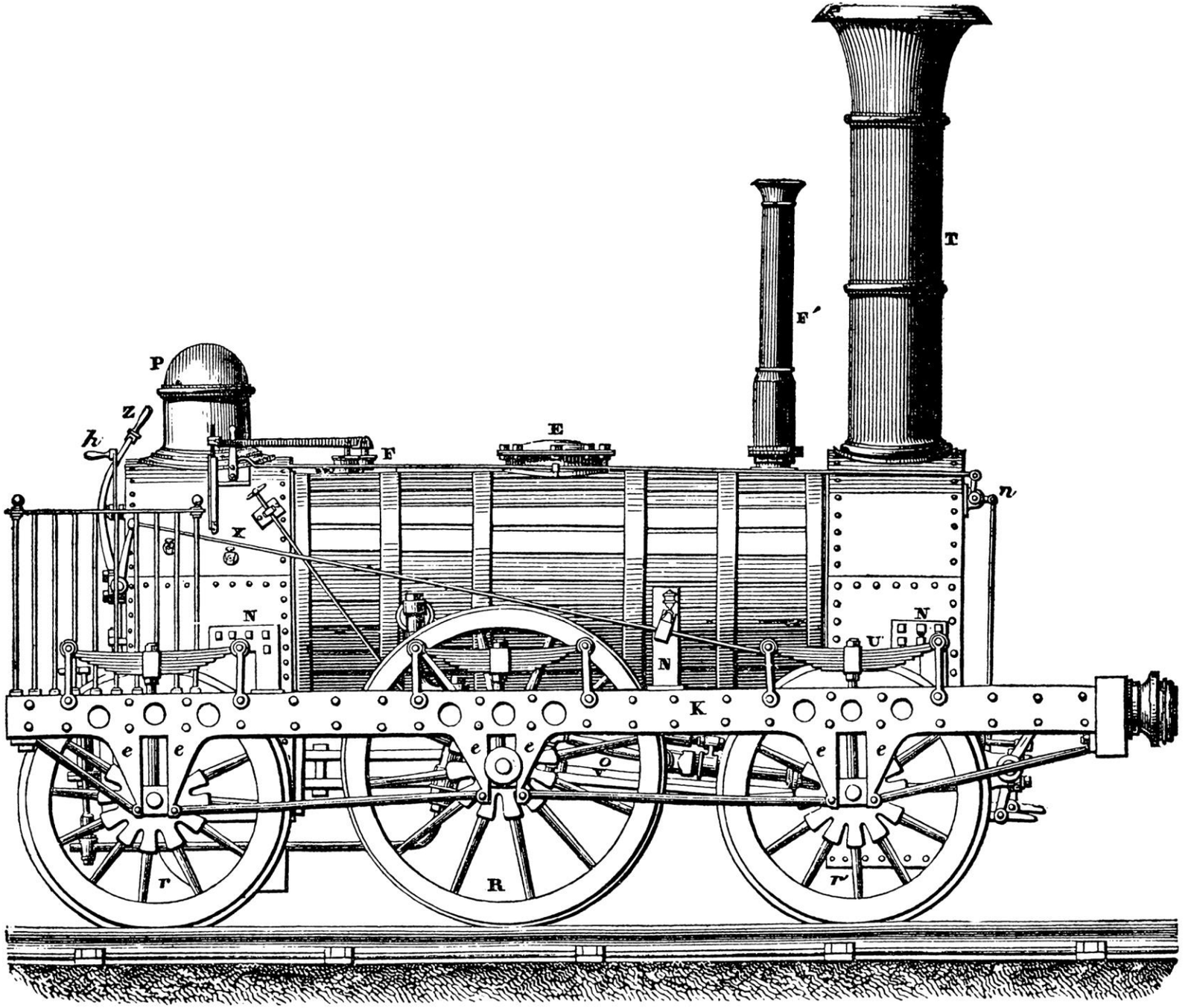
The First Industrial Revolution: 1760-1840



PRINCESS LOUISE

The Second Industrial Revolution: 1870-1940

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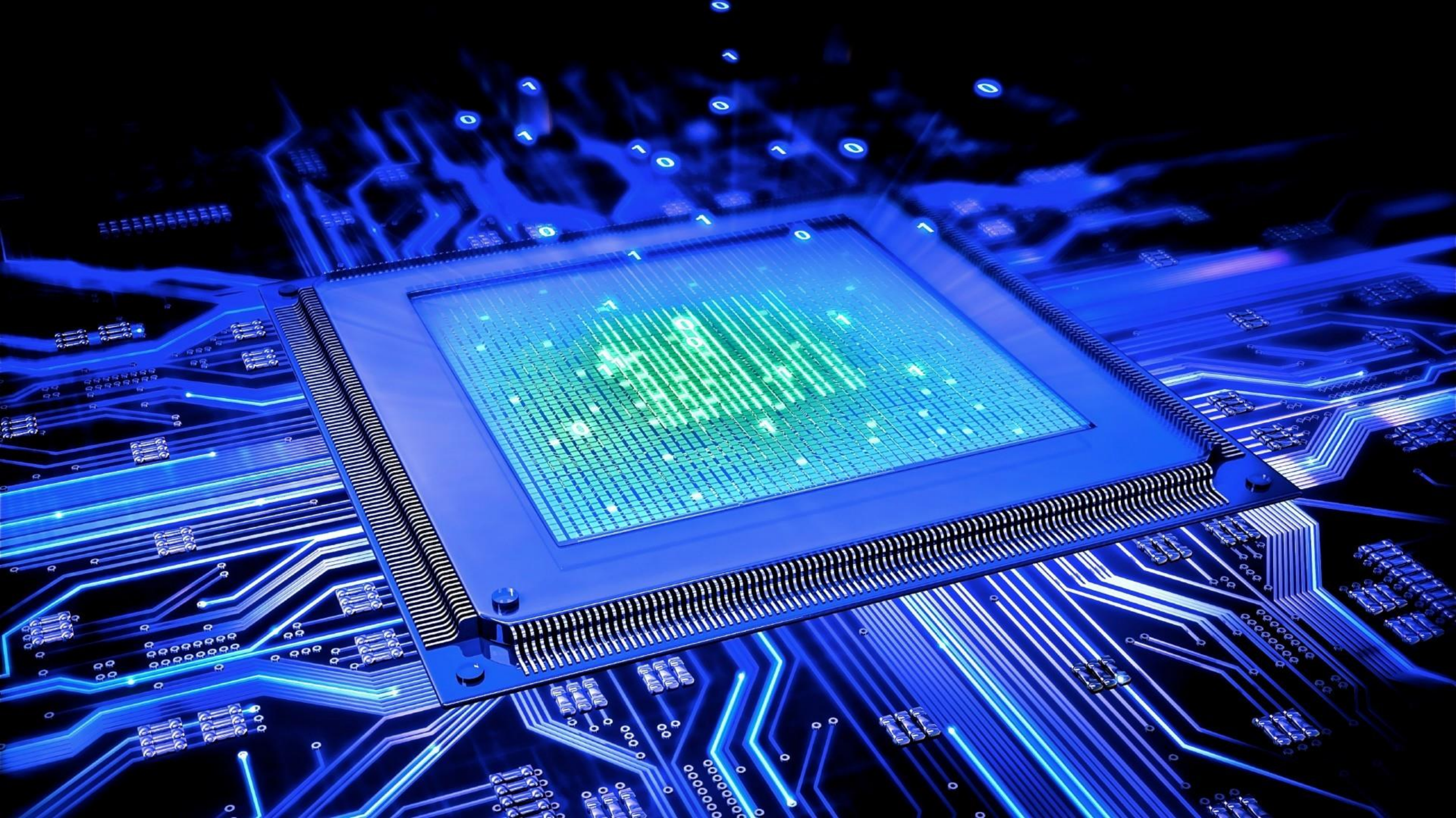
TEN CENTS

The Third Industrial Revolution: 1960-2015

MICROSOFT
WORD
Word Processing Program
IBM



The Fourth Industrial Revolution

- **Physical:** Autonomous vehicles, robotics, 3D printing, new materials
- **Biological:** Genetic diagnostics, treatment, engineering
- **Digital:** IoT, Blockchain, disruptive business models

> *I need our systems to think.*
> *I need them to learn and*
> *I need them to present issues*
> *and problems and anomalies*
> *to the employees, to the managers.*

Adam Coffey
President and CEO
WASH Laundry Systems

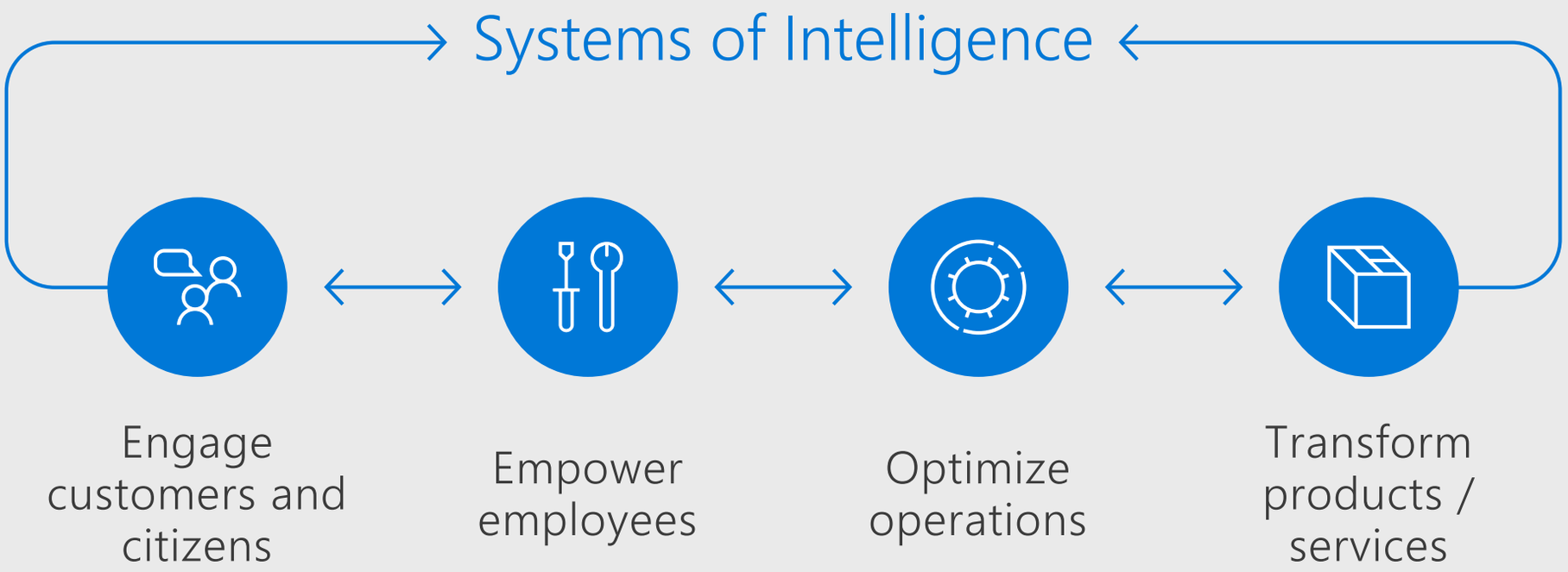
What is Machine Learning?

Computing systems that become smarter with experience

"Experience" =
past data + human input

Learning, trainable systems….

Digital Transformation



We need plan for the opportunities

Innovative Utility Transforms Streetlights into Digital Service Stations

Challenge

- Utilities like EnBW are looking to grow as competitive and sustainable businesses that deliver valuable products and services

Solution

- EnBW partners with Microsoft to create and evolve digitally enhanced street lamps that facilitate services for citizens and municipalities

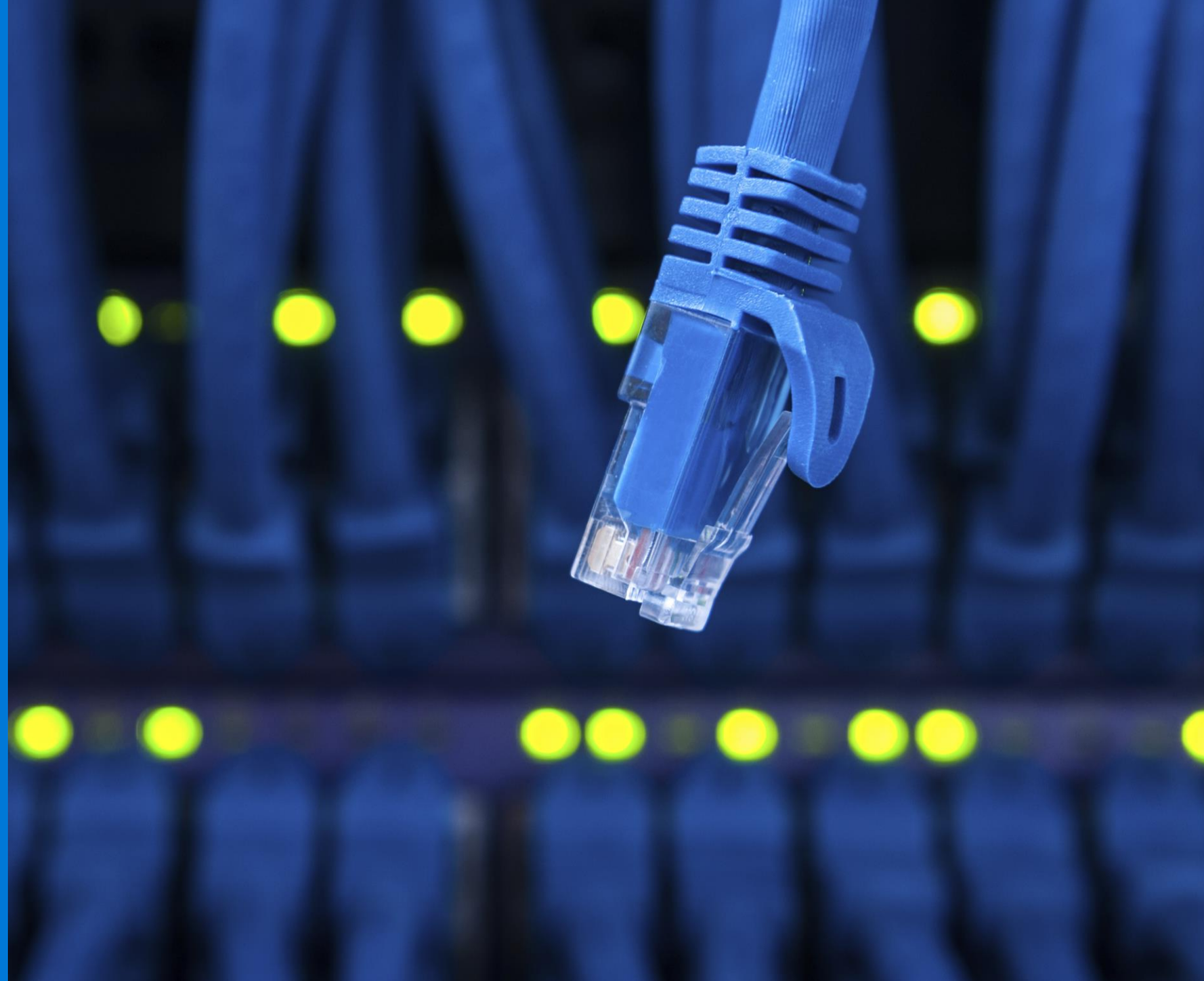
Benefits

- Provides security and convenience for citizens
- Enables predictive maintenance on street lights
- Supports additional applications such as managing traffic, crowds, and air quality

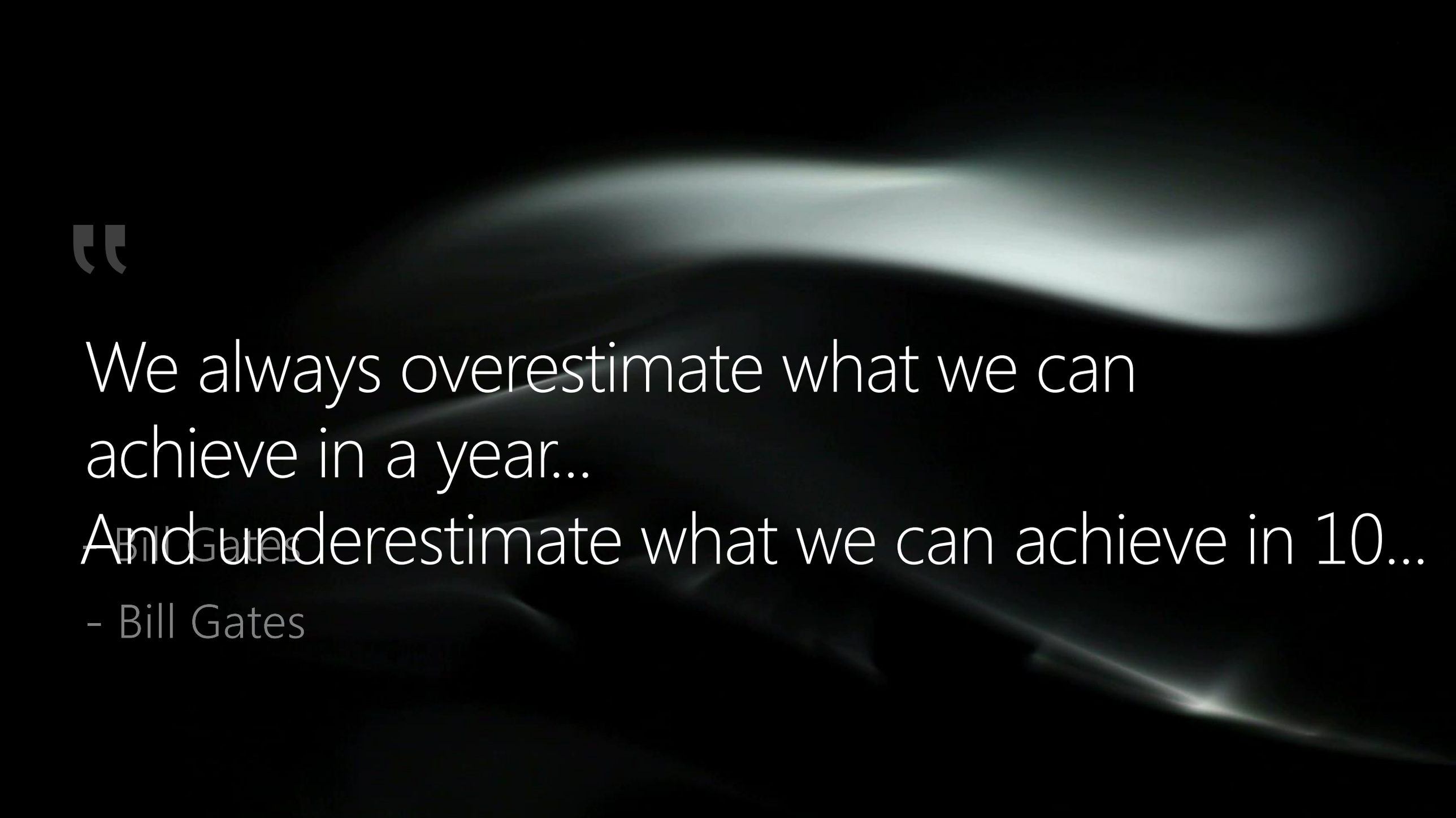
EnBW

"We transform our cities into real smart cities. With modern sensors and the right cloud, we can make multipurpose service stations out of simple street lamps."
– Uli Huener, Head of Innovation Management, EnBW

Consider how our markets and jobs will change…



nuTonomy


We always overestimate what we can achieve in a year...
And underestimate what we can achieve in 10...
- Bill Gates

Thank you…

@bkealey

Microsoft