



U.S. Leadership in Global Standards: Why It Matters More Than Ever

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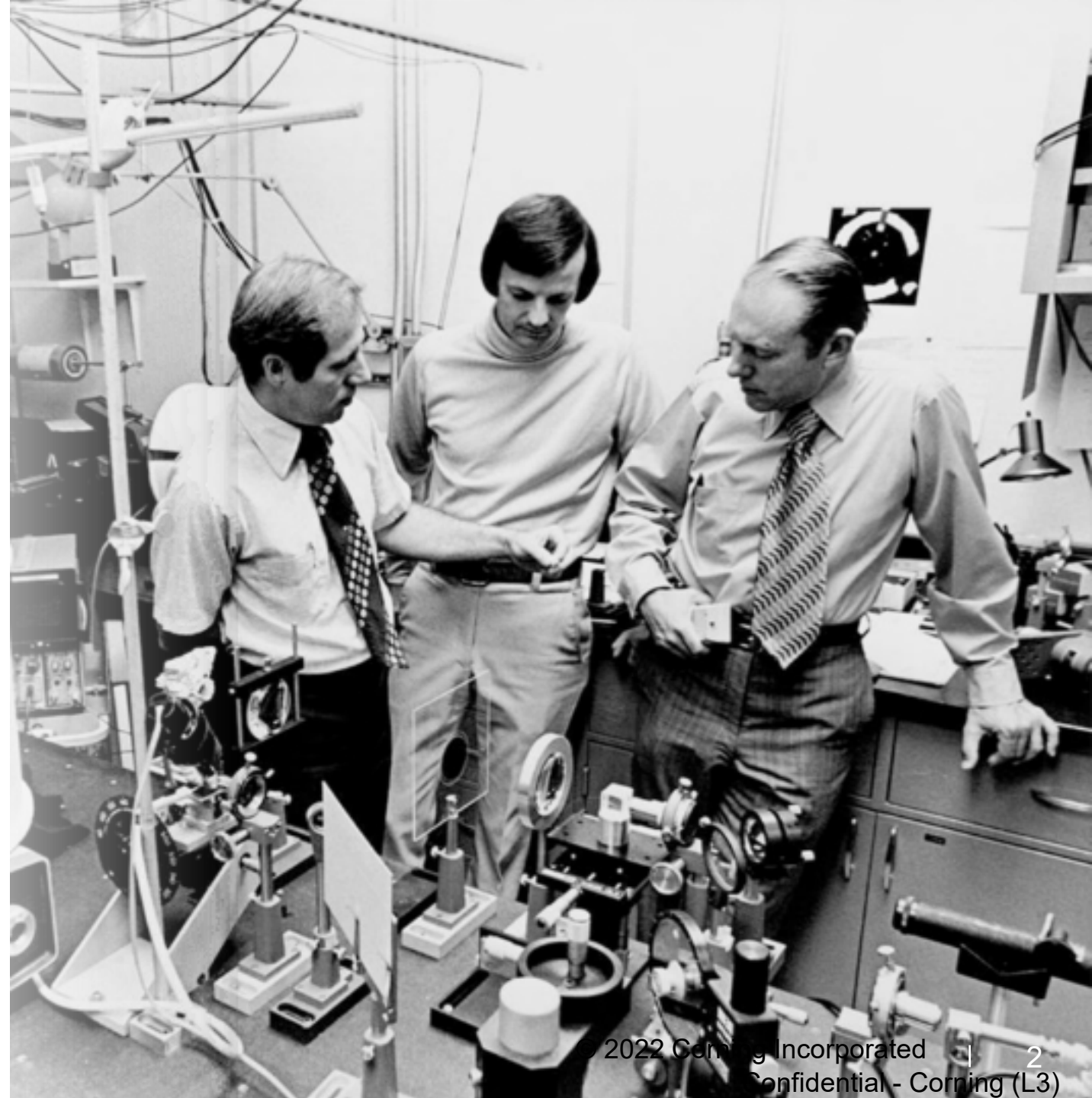
CORNING

Inventors of the first low-loss optical fiber (1970)

Scientists

- **Dr. Robert Maurer**
- **Dr. Peter Schultz**
- **Dr. Donald Keck**

Their breakthrough discovery revolutionized the optical communications industry.



Optical fiber: A foundation of the digital economy

Hair-thin strands of glass transmit light or data

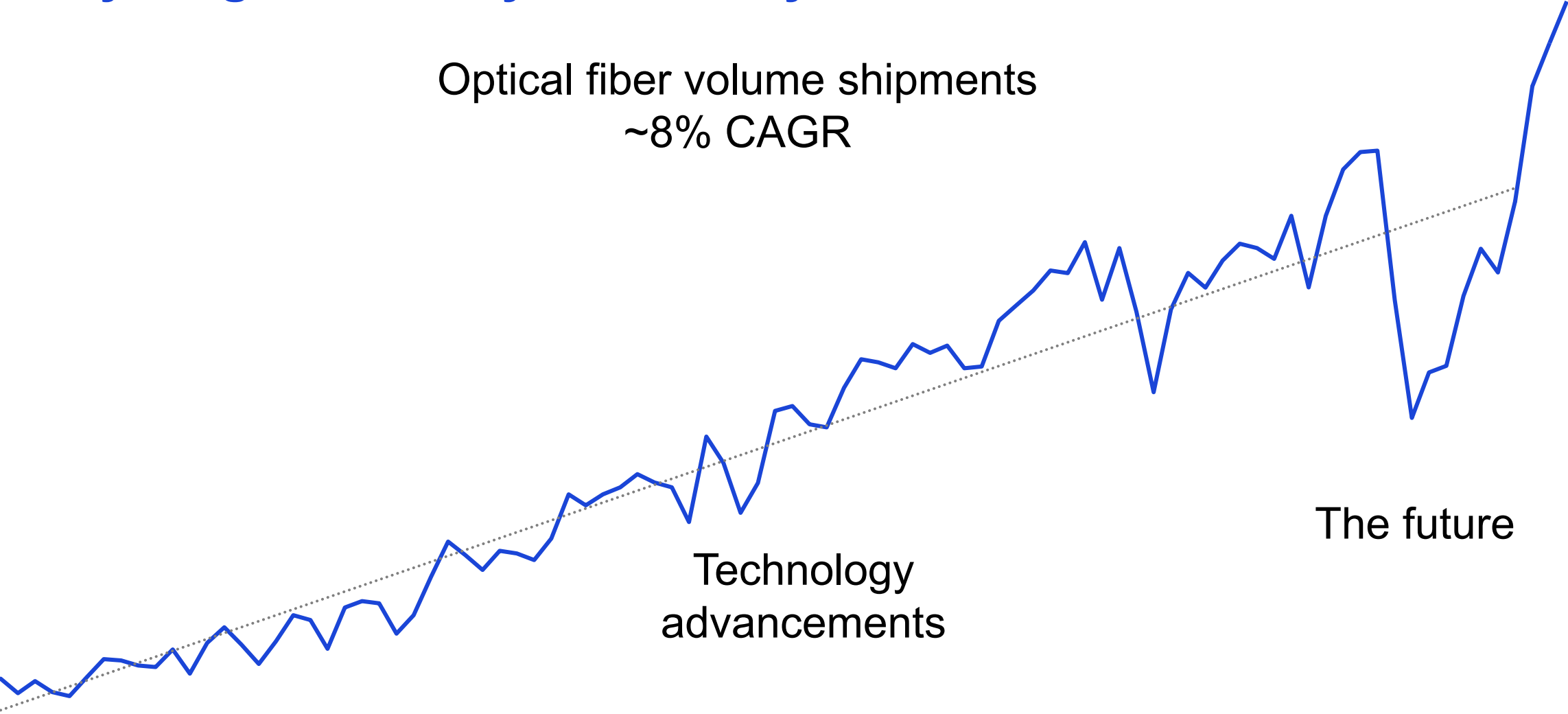
Enables global connectivity... “from the bottom of the ocean to the chip”

Standards drive performance, interoperability, and reliability = confidence!



A 50+ year growth story enabled by standards

Optical fiber volume shipments
~8% CAGR



In the beginning...

Technology advancements

The future

Source: Corning, Inc

In the beginning...standards and US leadership were critical

Define measurements and product standards



Early collaboration with US Government critical

Delivered standards to adopt a new technology...fiber



Instilled customer confidence for early adoption vs copper

ANSI-accredited global engagement



Accelerated innovation and enabled global scale

US leadership in standards bodies allowed fiber to stay ahead

Dense wavelength-division multiplexing (DWDM)

- More efficient use of fiber, larger operating window
- Required new specs, new measurements, new standards
- US leadership key to success, later global adoption

Fiber to the Home (FTTH)

- Tight bend environments - another new requirement
- Indoor installation challenges – build the ecosystem
- Mass-market scalability – standards a key to adoption



What's next...GenAI and data center demand

Secular trend, multi-year growth cycle

Transition of copper to optical 'inside' the DC

Faster pace of innovation

Global competition

Priority for continued US leadership in standards



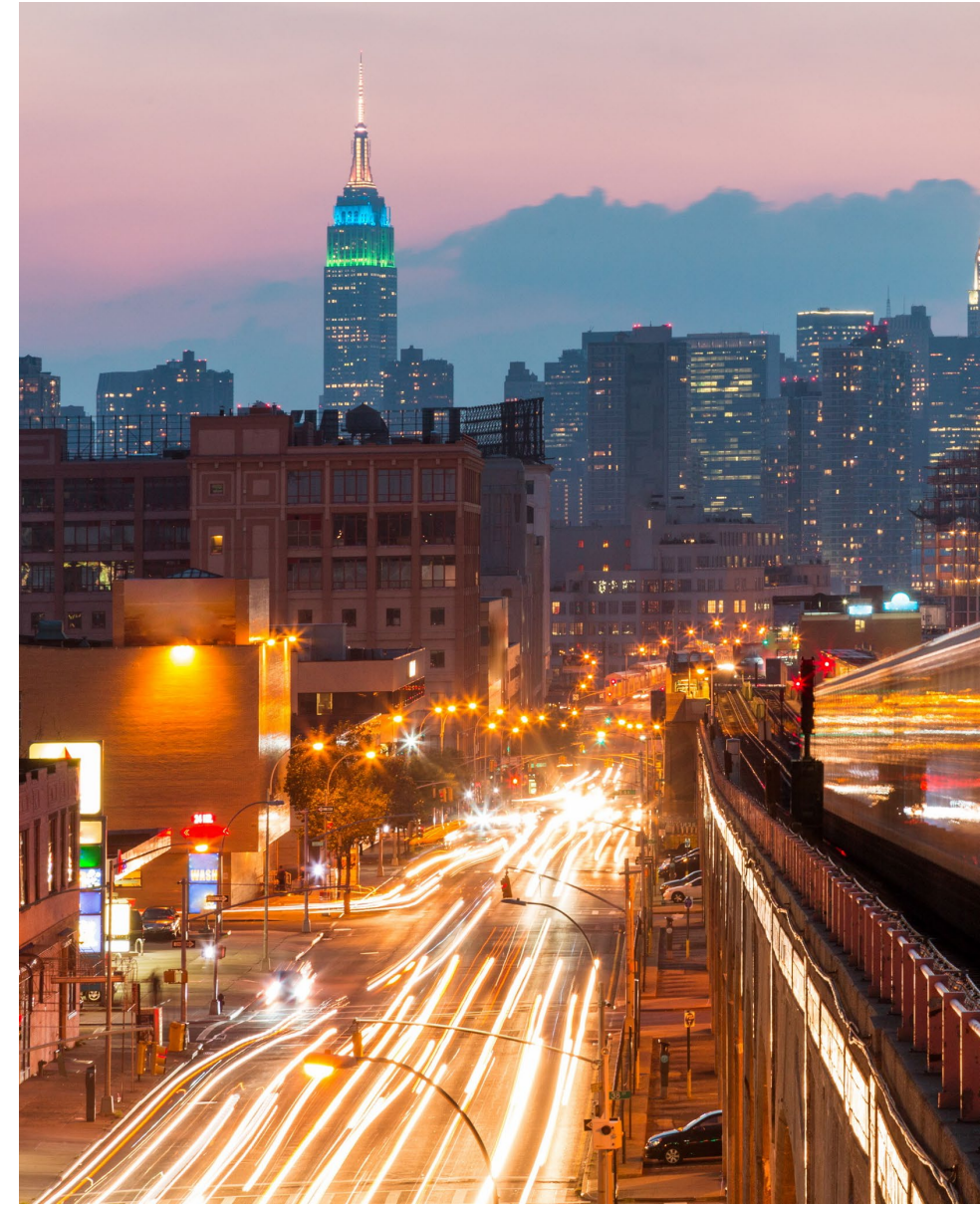
Losing U.S. leadership would come at a high cost

Lose seat at the “innovation table” – never good

Reactive vs proactive – reactive costs more

Diminished ability to compete offshore

Opens opportunity for competition in home market



Investing in US standards...

It's worth it...

Remain active across US and global standards

Build talent aimed at standards leadership

Seek leadership roles where appropriate

Build consensus for US leadership

Collaborate with US Government agencies



Thank-you

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