Connected Health—
A Vision for the Future

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With an introduction of David Brailer, MD, PhD

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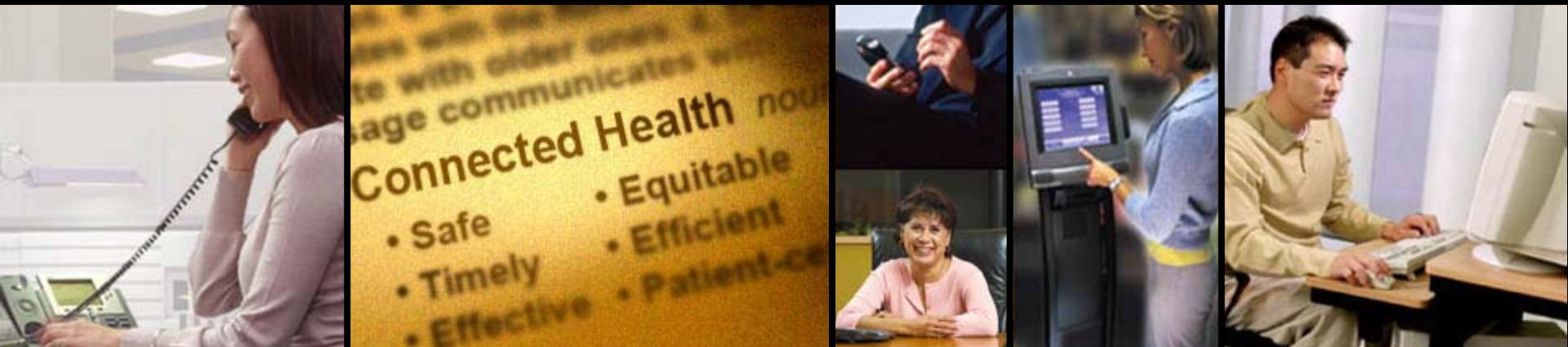**Update on United States Health Information Technology**

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Connected Health Vision

Information driving care that is

- **Safe**
- **Timely**
- **Effective**

- **Equitable**
- **Efficient**
- **Patient-centered**

This is Connected Health

The Connected Health Community

Connected Hospital

Connected Health Information Exchanges

Connected Health Authorities

Connected Life Sciences and Research

Connected Patient   **Connected Clinician**

Connected Public Health

Connected Funder or Payer

Connected Means Interoperable*

Ability of different information technology systems and software applications to

- **Communicate**

- **Exchange data accurately, effectively, and consistently**

- **Use the information that has been exchanged**

*Definition of interoperability created by consensus of the NAHIT workgroup

Cisco's Healthcare Mission

- **Cisco will serve as a transforming and unifying agent for *Connected Health* throughout the world**

- **Cisco will catalyze the deployment and adoption of interoperable networks to improve**

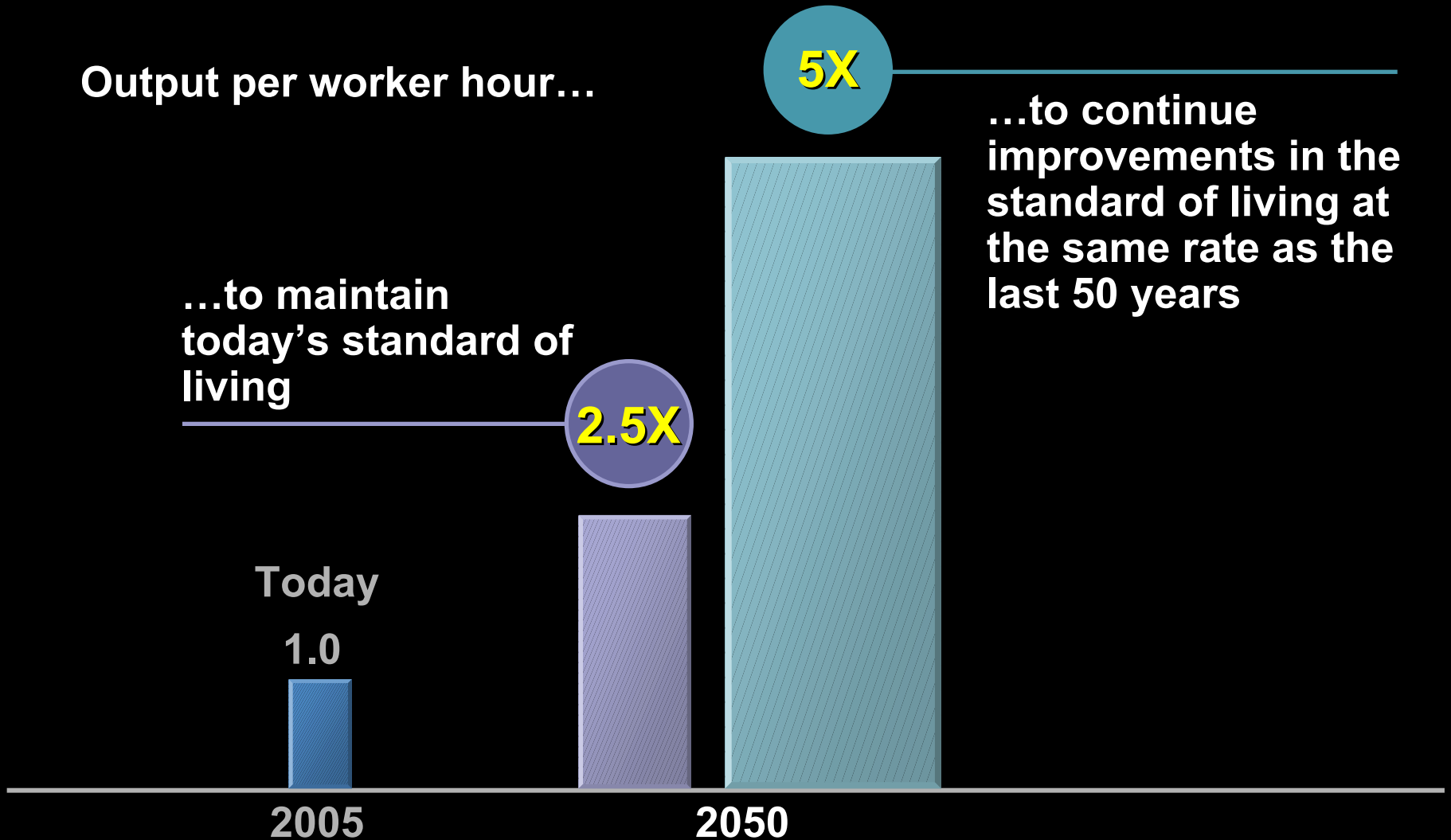 **Citizen health and wellness**

  Safety

  Access

  Productivity

  Affordability

  Overall quality of healthcare

Why Is This So Critical?

Output per worker hour…

5X

…to continue improvements in the standard of living at the same rate as the last 50 years

…to maintain today's standard of living

2.5X

Today

1.0

2005

2050

Key Messages

- **Now is the time. Global economies cannot support the projected increases in healthcare costs.**

- **Starting to e-enable an industry too early is just as futile as starting too late. Convergence of culture, change drivers, and enabling technologies is key.**

- **IT can drive significant quality, safety, and productivity gains in healthcare as it has in other industries.**

- **Adopting a limited number of key solutions can drive this change.**

- **One must re-engineer processes first, then implement appropriate technology.**

- **Connecting the multiple entities in healthcare using interoperable standards is the key to transformation.**