



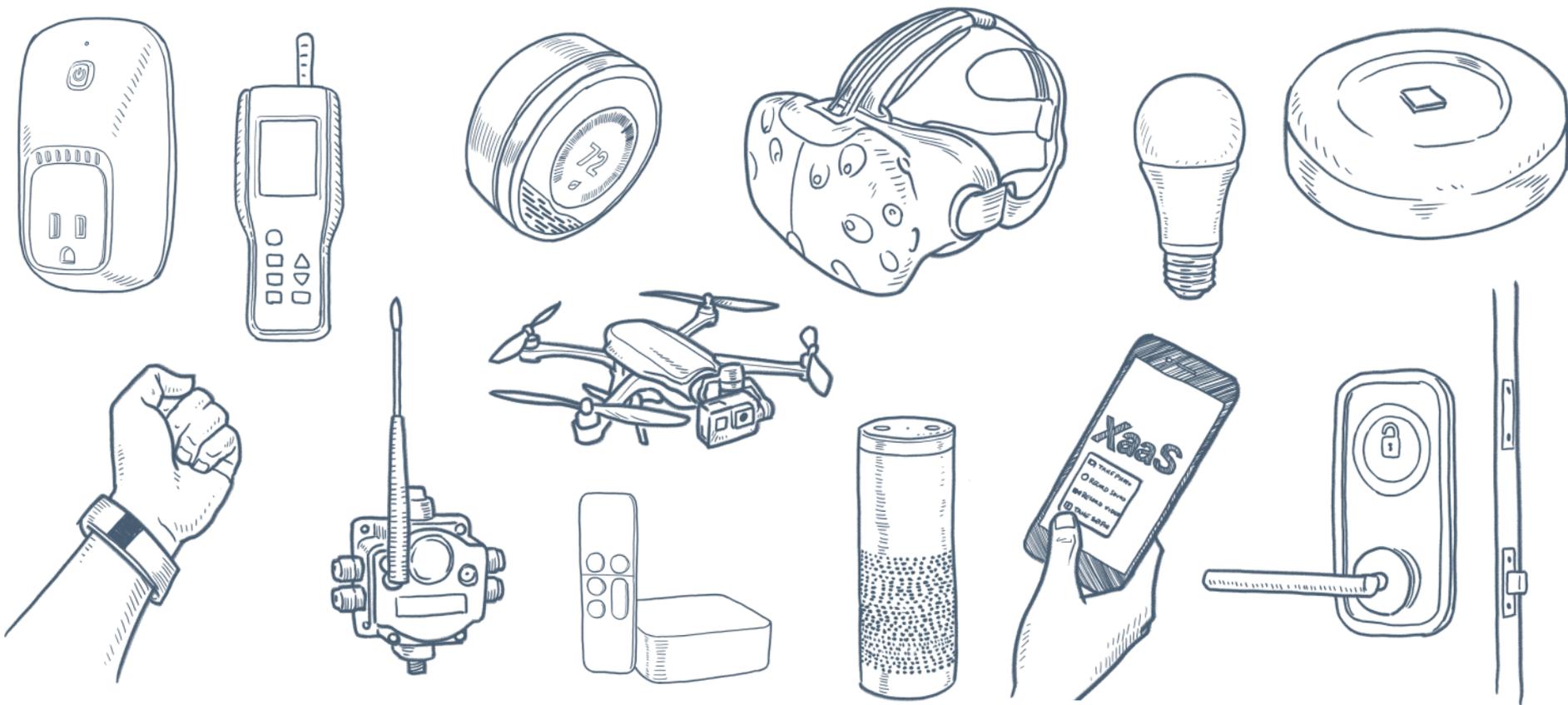
# DIGITAL COHESION

Alessandro Salesi

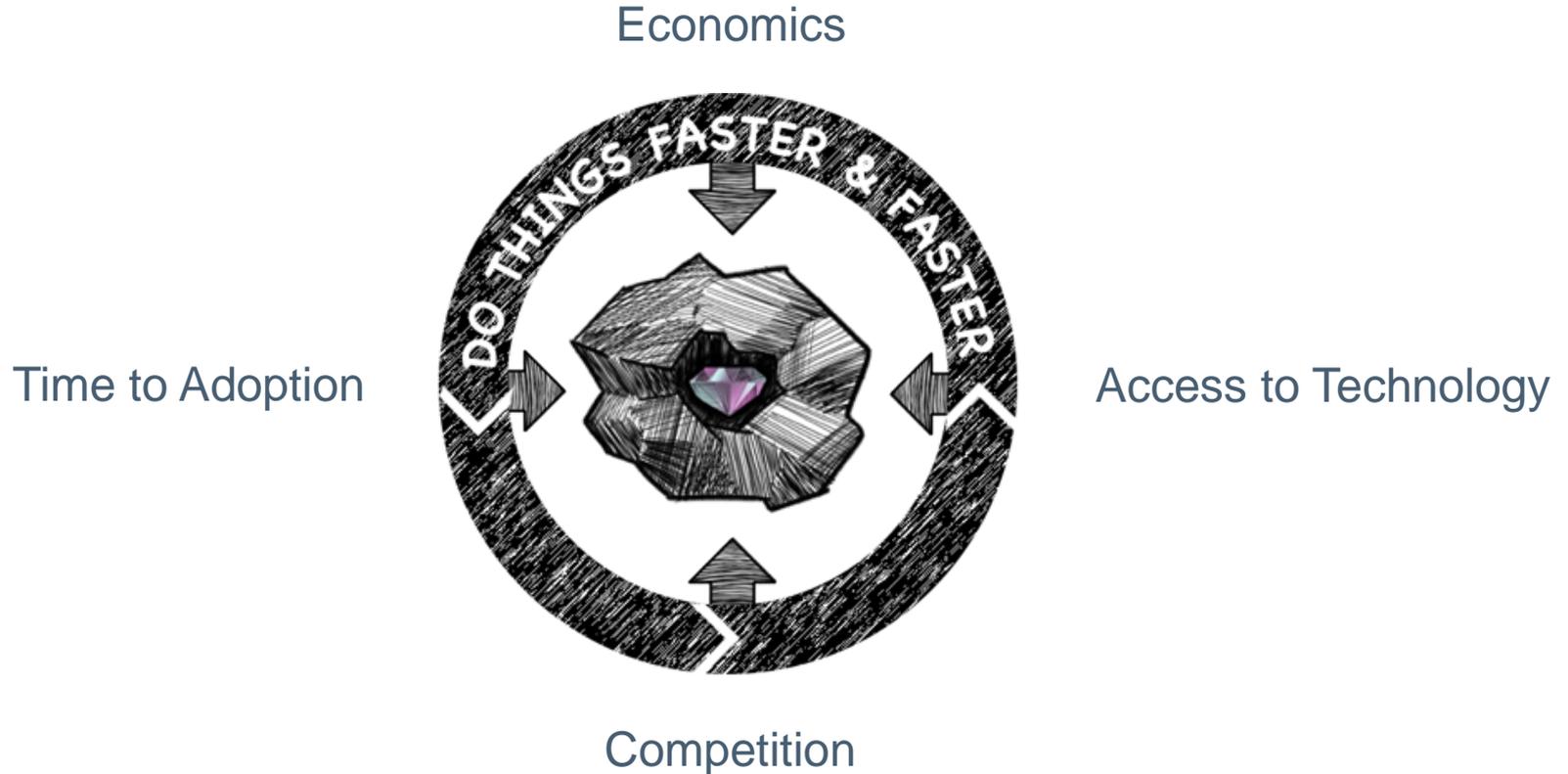
Content courtesy of Rami Rahim – Chief Executive Officer

**JUNIPER**  
NETWORKS

# ENABLING TECHNOLOGY IS ALL AROUND US



# A NEW ERA BEING BORN

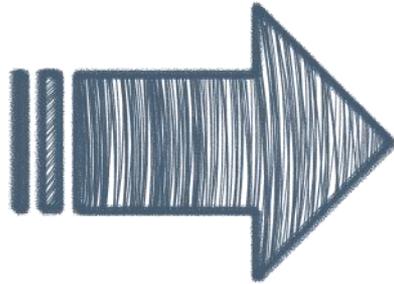


# DIGITAL COHESION

A future in which applications connect and self-assemble to deliver compelling mega-services that enhance our lives

## FROM

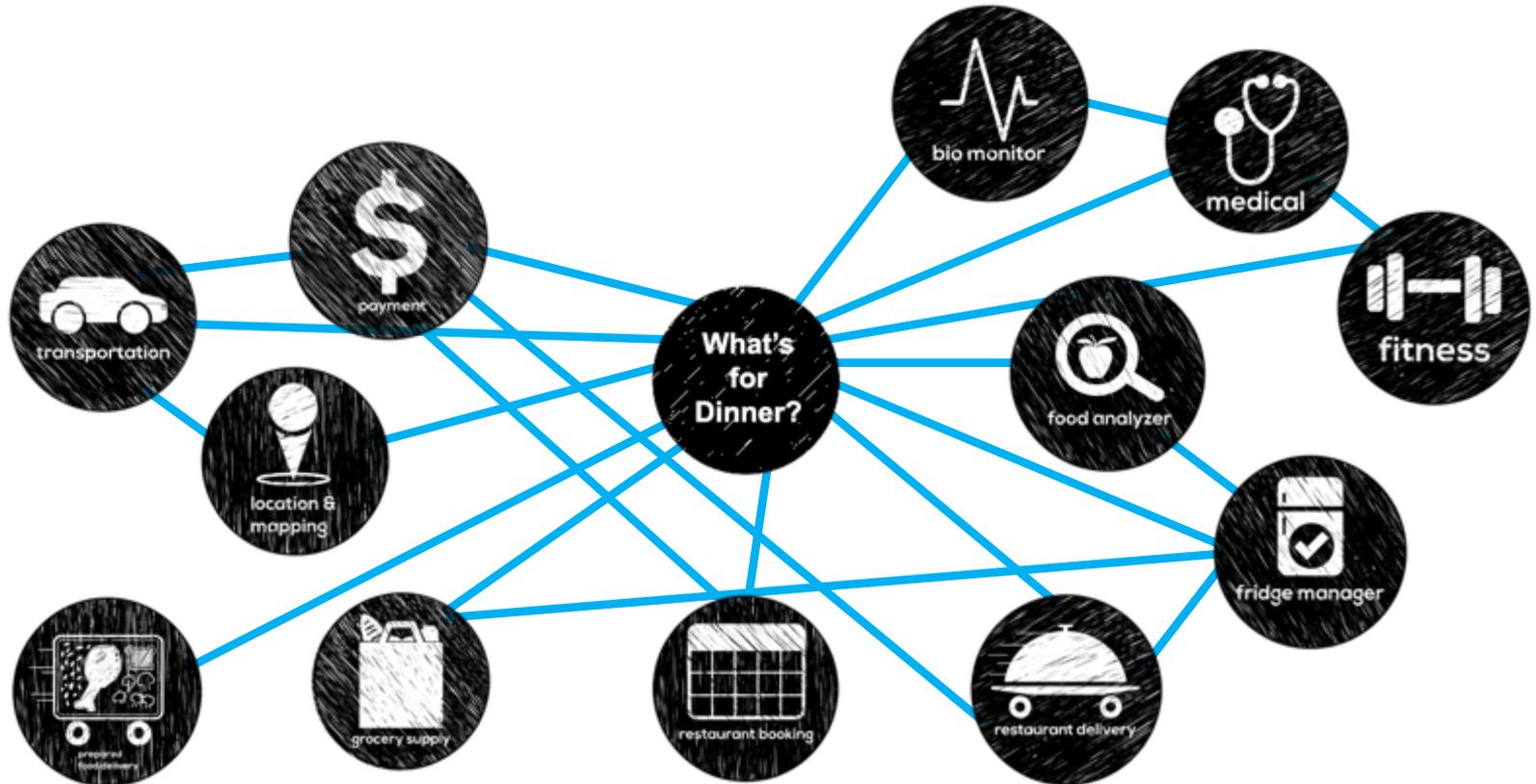
- Point Service
- User Initiated Tasks
- Static



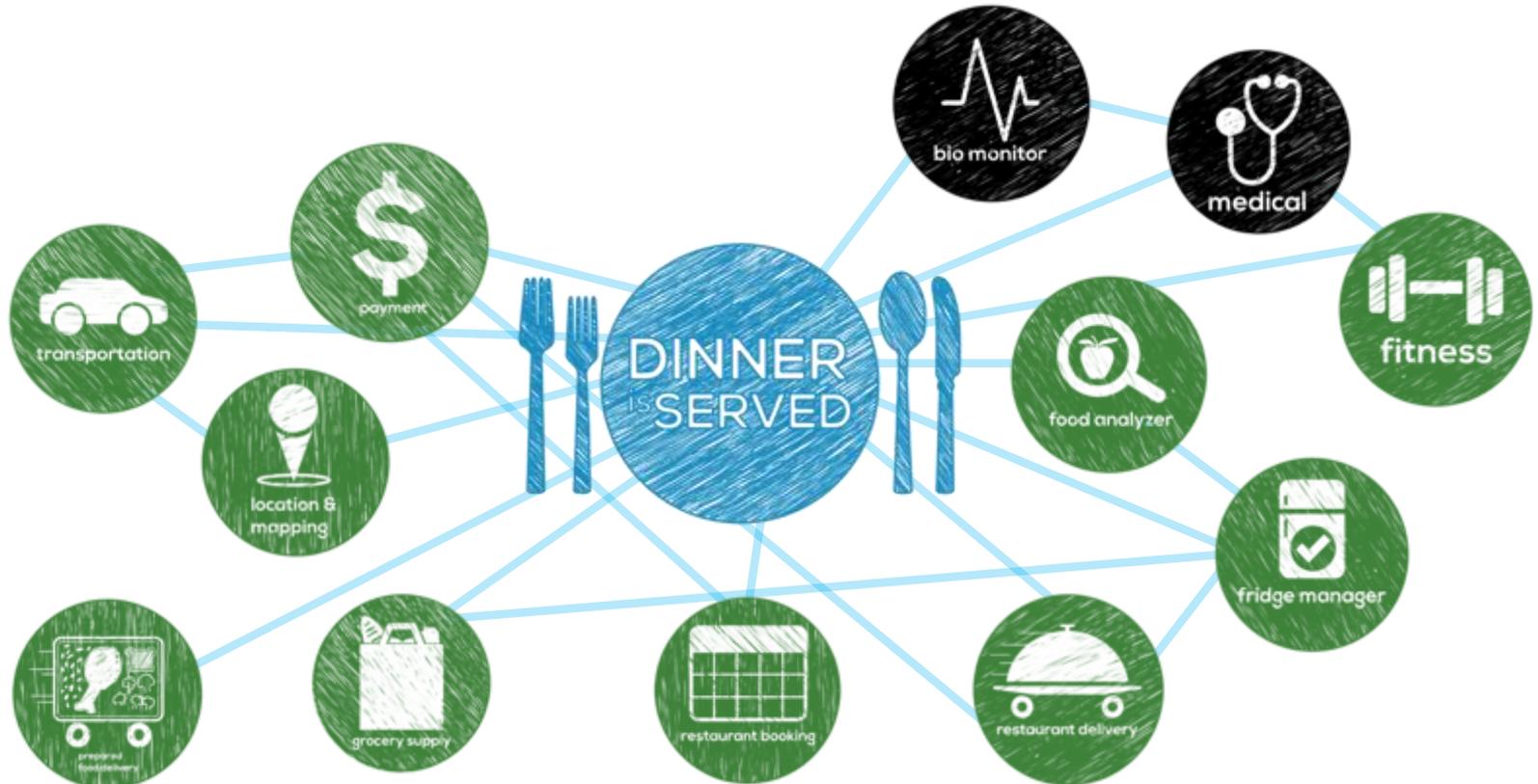
## TO

- Holistic Mega Services
- Predictive & Autonomous
- Adaptive

# WHAT'S FOR DINNER



# WHAT'S FOR DINNER



# WHAT WILL BE NEEDED?

INDUSTRY ALLIANCES      COGNITIVE APPLICATIONS      GOVERNMENT COMPLIANCE

SECURITY

BIG & FAST DATA      CONNECTIVITY

MACHINE & DEEP LEARNING      AUTOMATION      NATURAL LANGUAGE PROCESSING

IOT      ANALYTICS      OPENNESS

AFFECTIVE COMPUTING      CONTEXT BROKERING      STANDARDS BOARDS

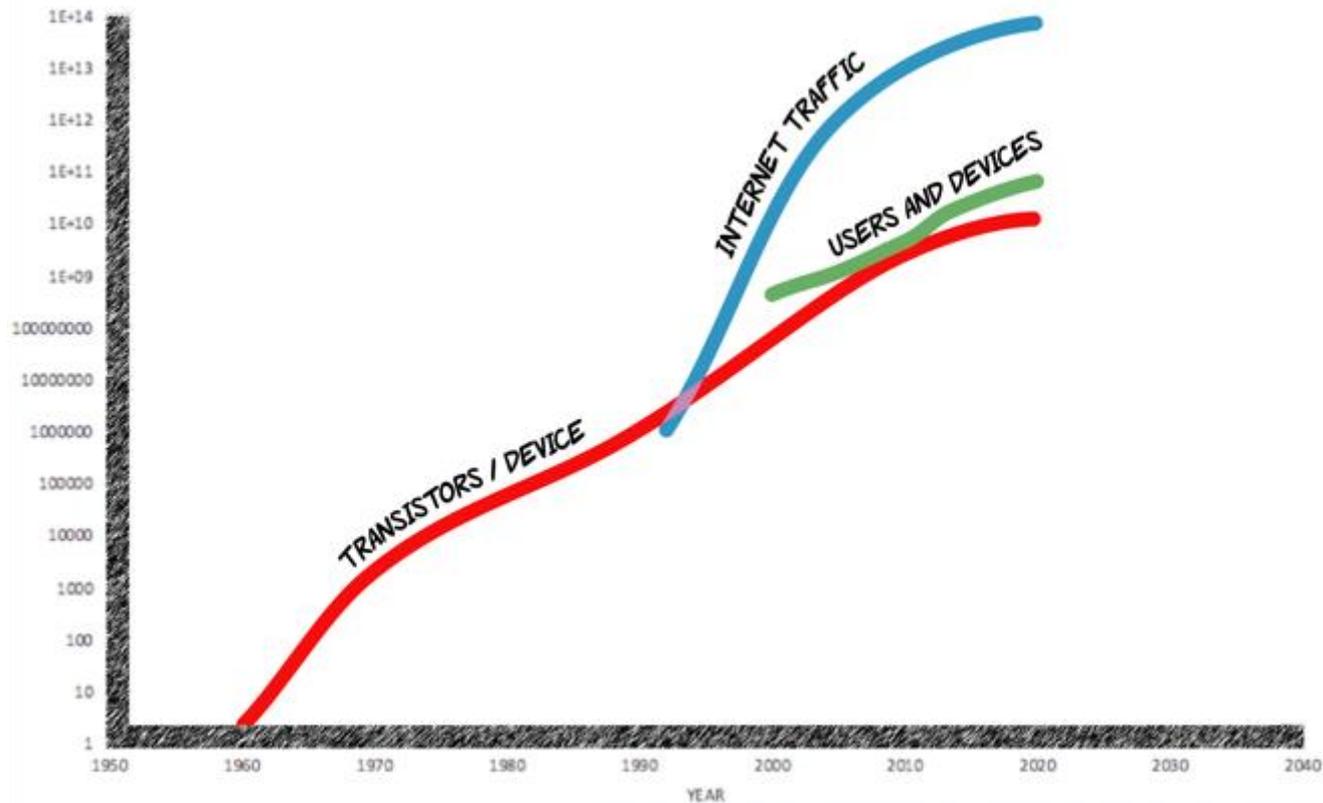
# THE BARRIERS TO DIGITAL COHESION

## Digital esion

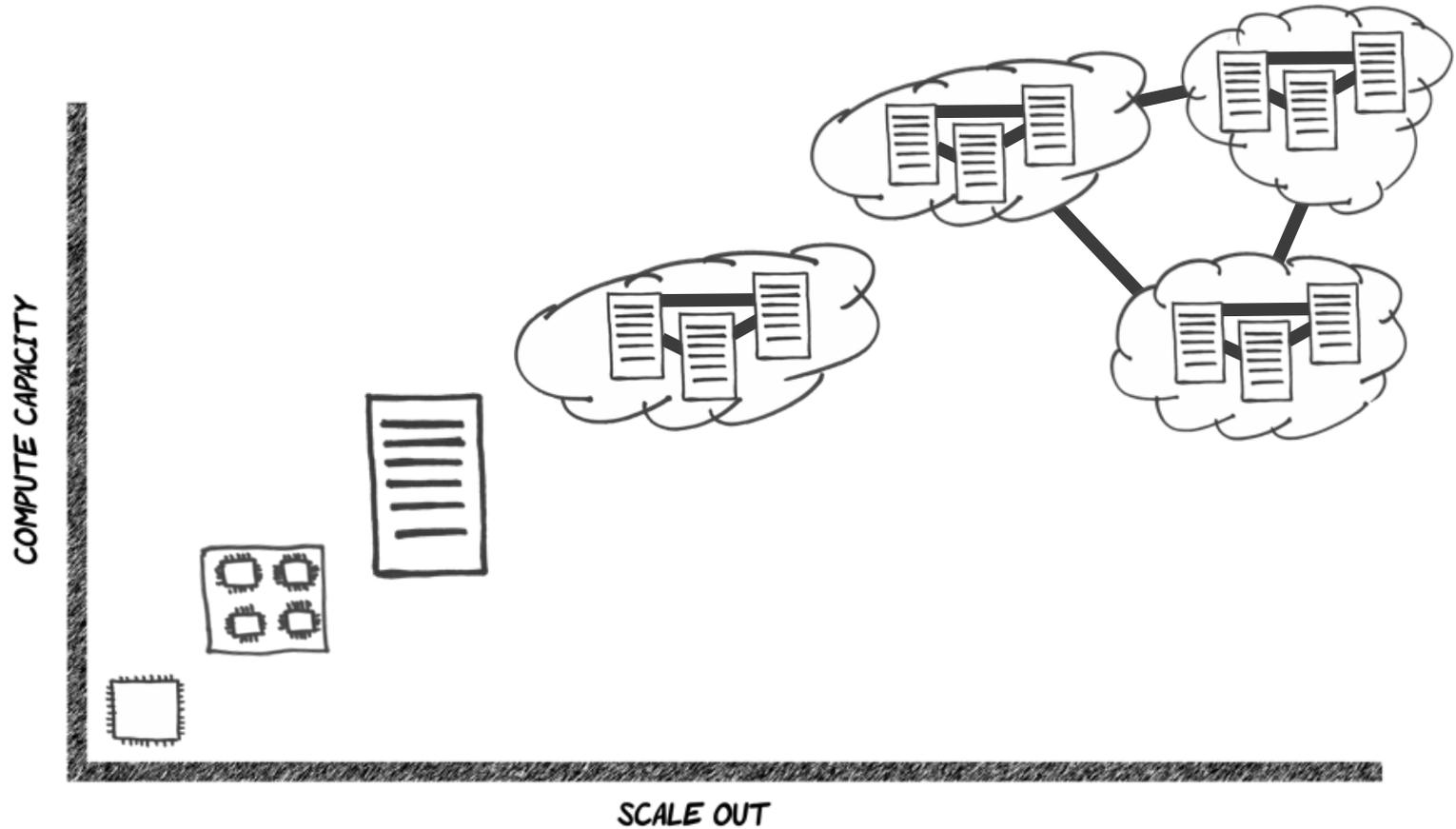


Performance

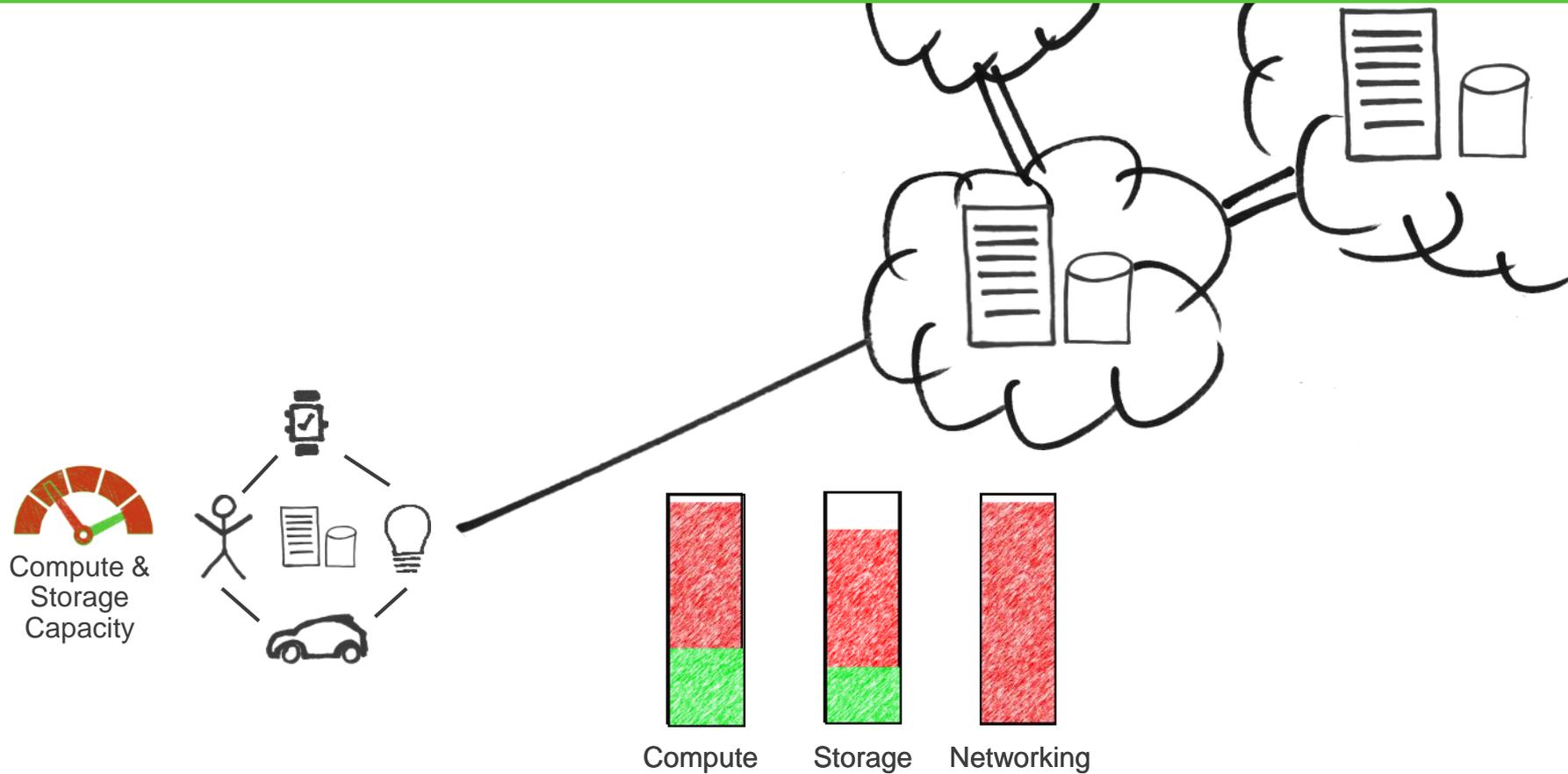
# MOORE'S LAW ENDING



# COMPUTE SCALES OUT



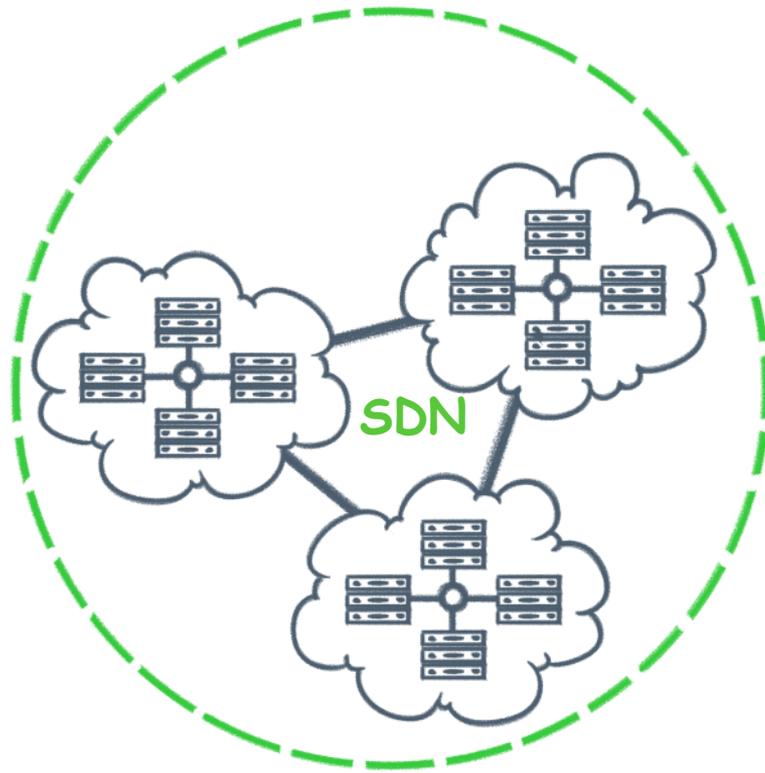
# NETWORKING INCREASES IN IMPORTANCE



# NETWORKING SCALES UP AND OUT



SCALE UP



SCALE OUT

# THE BARRIERS TO DIGITAL COHESION

## Digital

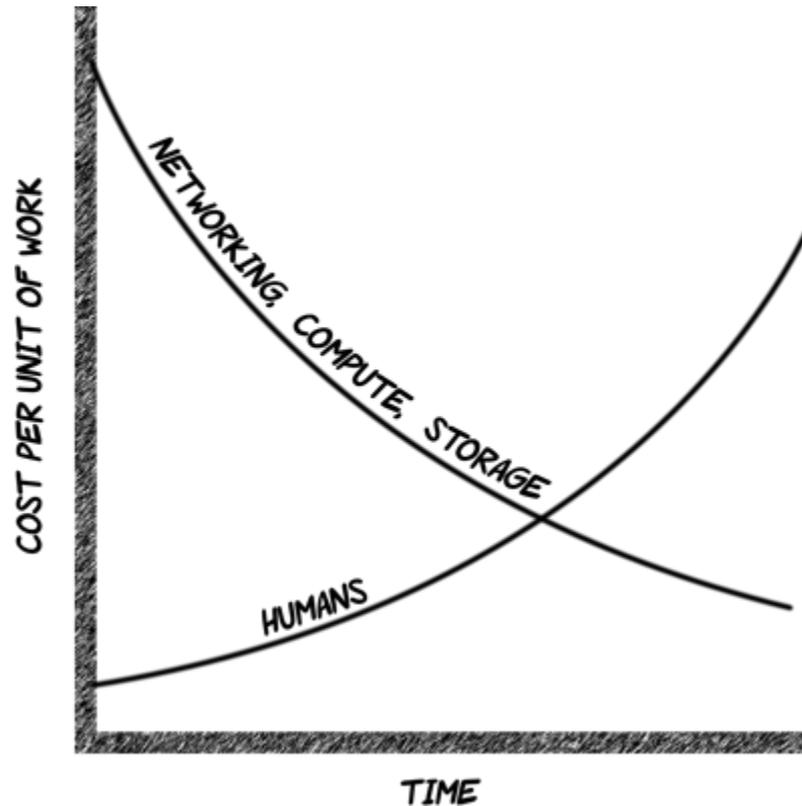


Performance  
**Scale Out**



Economics

# AUTOMATION - IT'S INEVITABLE & GOOD

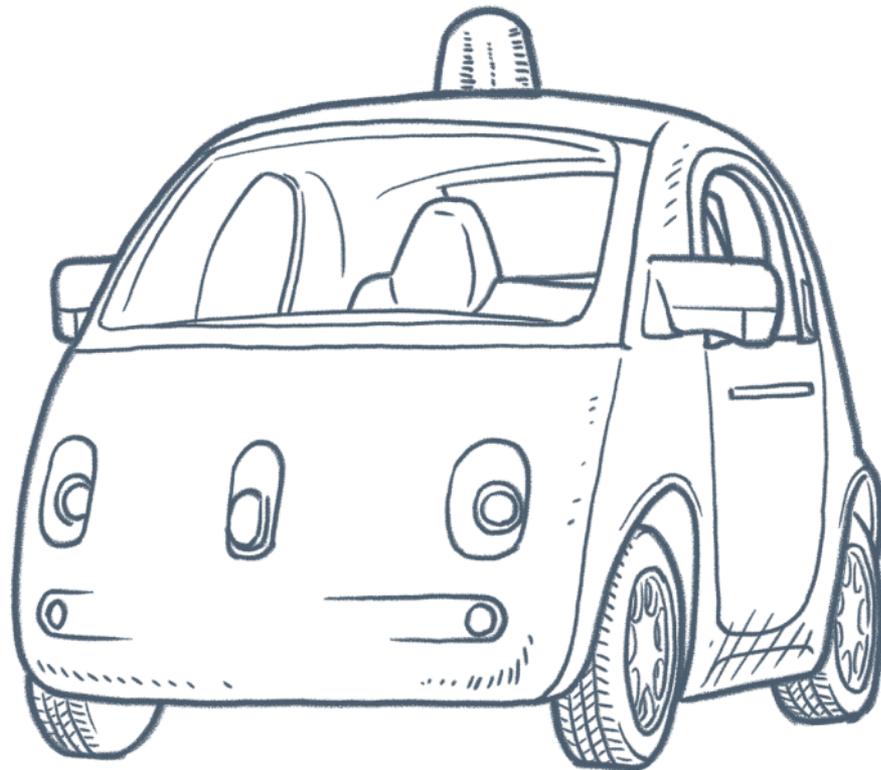


# SELF-DRIVING NETWORKS

- Telemetry
- Big data analytics
- Machine learning



- Predictive & Adaptive networks
- Efficient networks



# THE BARRIERS TO DIGITAL COHESION



Interoperability



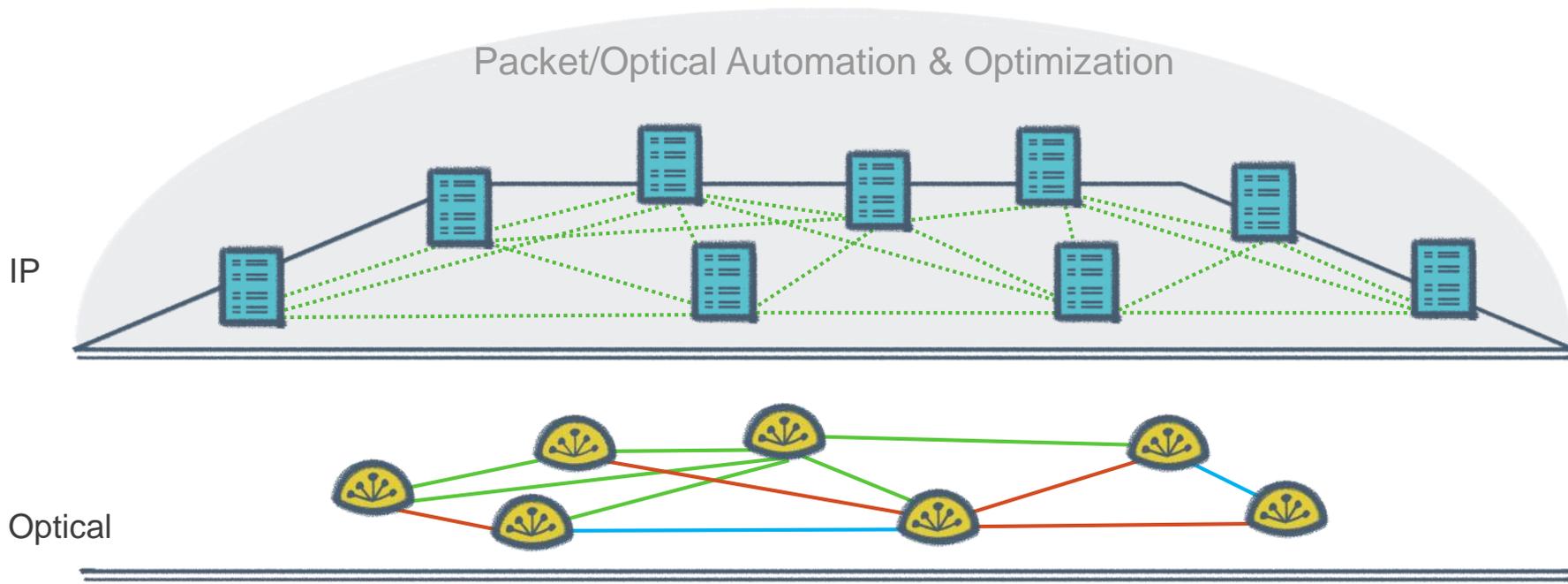
Performance  
**Scale Out**



Economics  
**Automation**

igital

# OPENNESS & INTEROPERABILITY



# THE BARRIERS TO DIGITAL COHESION



Interoperability  
**Open at  
Every Layer**



Trust

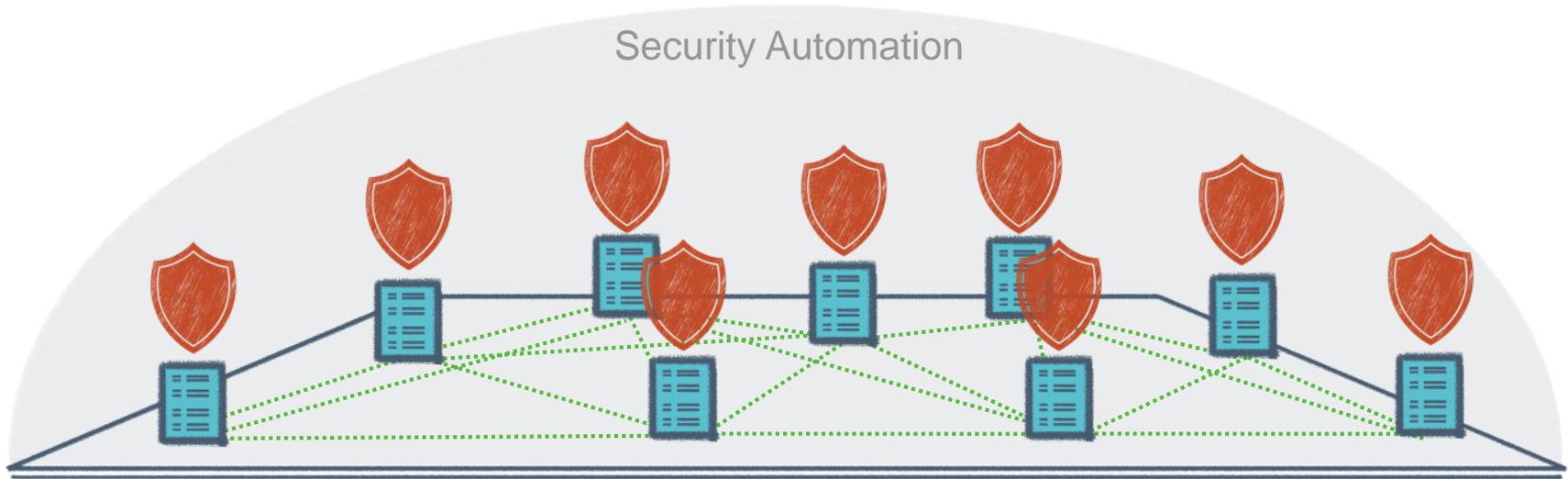


Performance  
**Scale Out**



Economics  
**Automation**

# SOFTWARE-DEFINED SECURE NETWORKS



# THE BARRIERS TO DIGITAL COHESION



Interoperability  
**Open at  
Every Layer**



Trust  
**Software-Defined  
Secure Networks**



Performance  
**Scale Out**



Economics  
**Automation**

I would characterize the transformation that we are seeing in this industry with one word, and that is  
**AUTOMATION.**

—Rami Rahim, CEO at Juniper Networks





# DIGITAL COHESION

juniper  
NETWORKS