

The Future of z Systems™ in the Digital Business

Session 17126

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Challenges of the Digital Tomorrow and the Place of the **IBM z Systems**

- Inform the Discussion with Data
- Explore What Matters
- Offer Ideas to Foster Success
 - in Your Organization
 - and in Your Individual Roles

Agenda

- **Key Aspects of Digital Tomorrow**
- **Disruptive Forces Impacting z Systems**
- **Evolution Activities**
 - **Knowledge**
 - **Execution**
 - **Economics**
- **Positioning z Systems to Lead Digital Transformation**
- **z Systems Improving Life**



Mobility



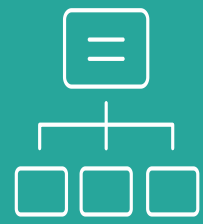
Internet of Things



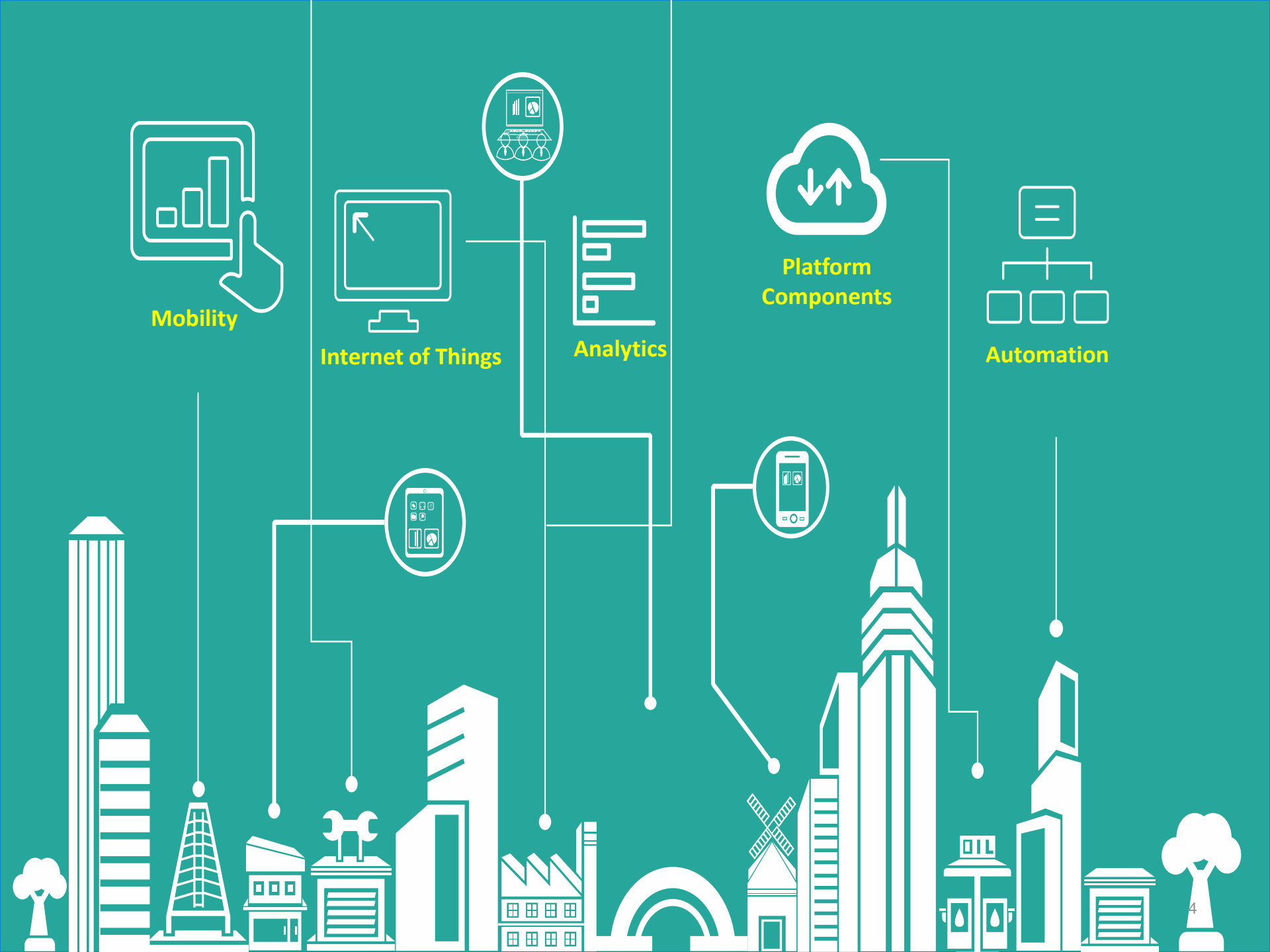
Analytics



Platform Components



Automation



Mainframe: The Foundation for Digital Business



The Disruptive Forces

External

Institutional

Economic



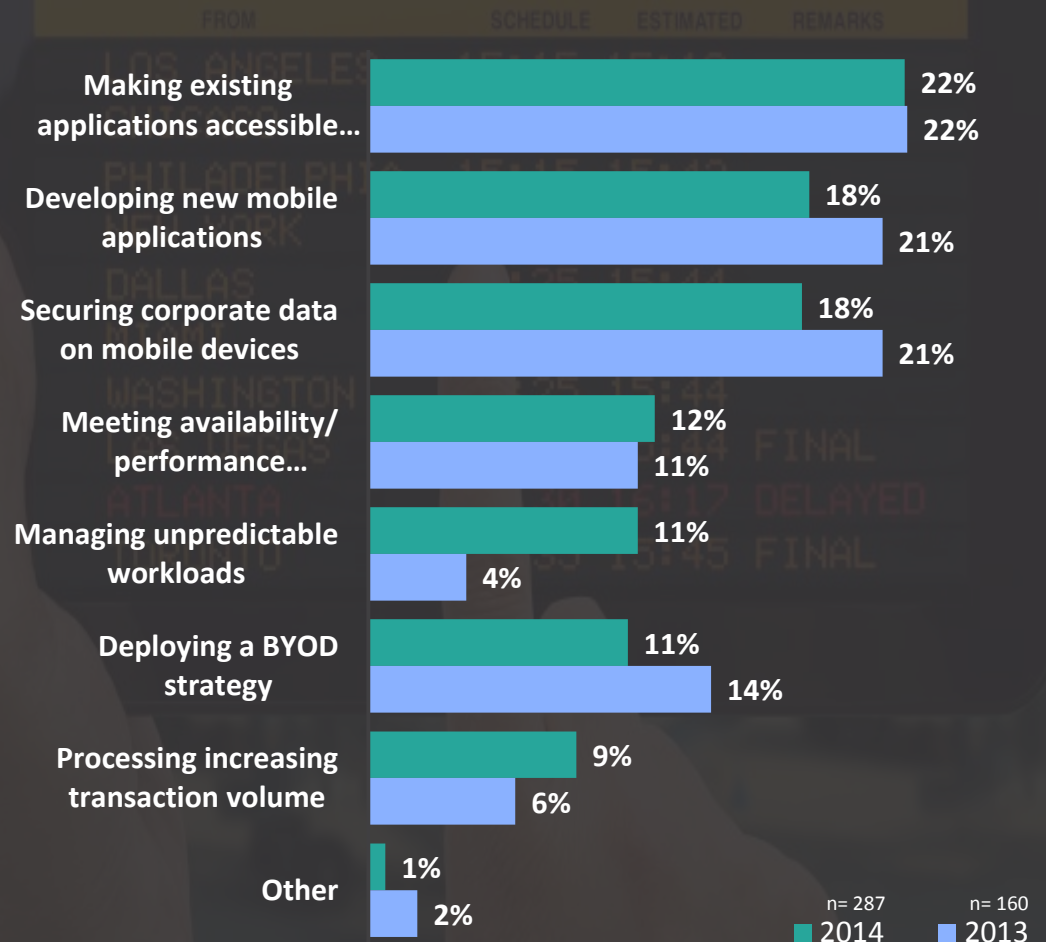
How are they disruptive?
What are the implications for z Systems IT?

External Disruptors: **Mobility**

- Disruptions to Legacy Processing
- Requirements Driving Transformation

“91% of new customer-facing apps access data from z Systems” (IBM)

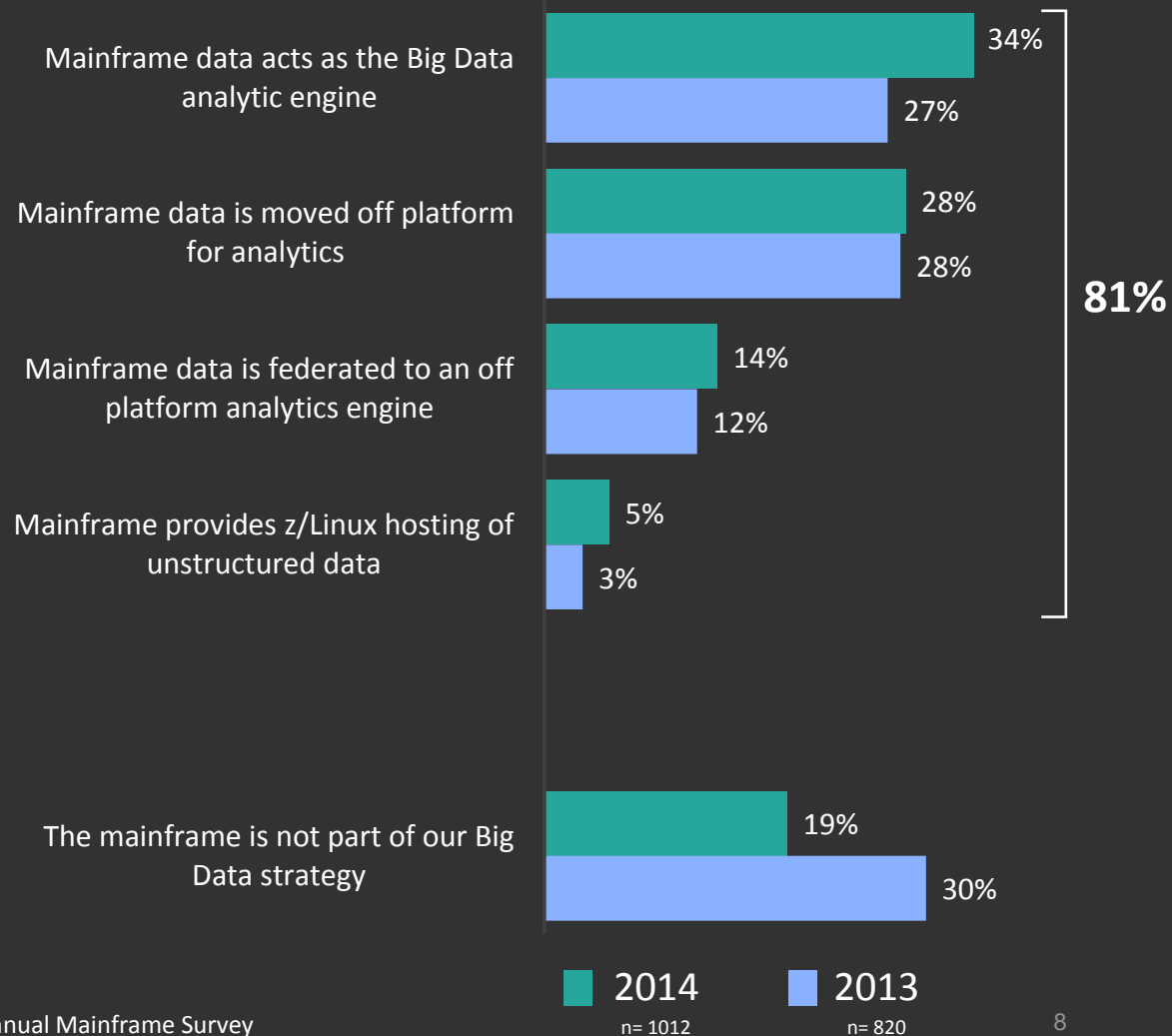
What is the most important mobility issue in your organization?



External Disruptors: **Analytics**

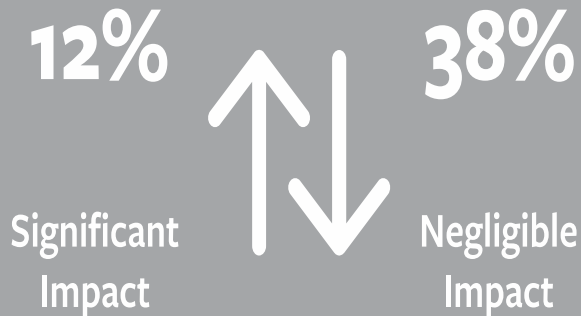
What role does your mainframe play in your Big Data strategy?

- z13 Announcement—
Analytics Focus
- Role of z Systems in Big Data



Implications of Analytics for Availability and Recoverability

Unplanned Production Outage



Outage Cause

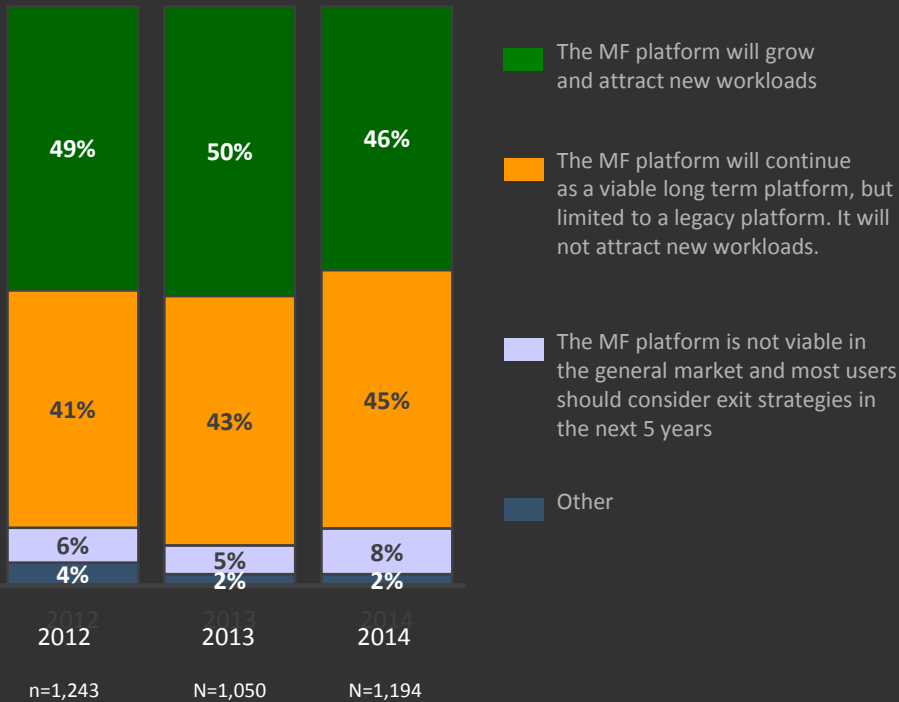


Recovery Expectations

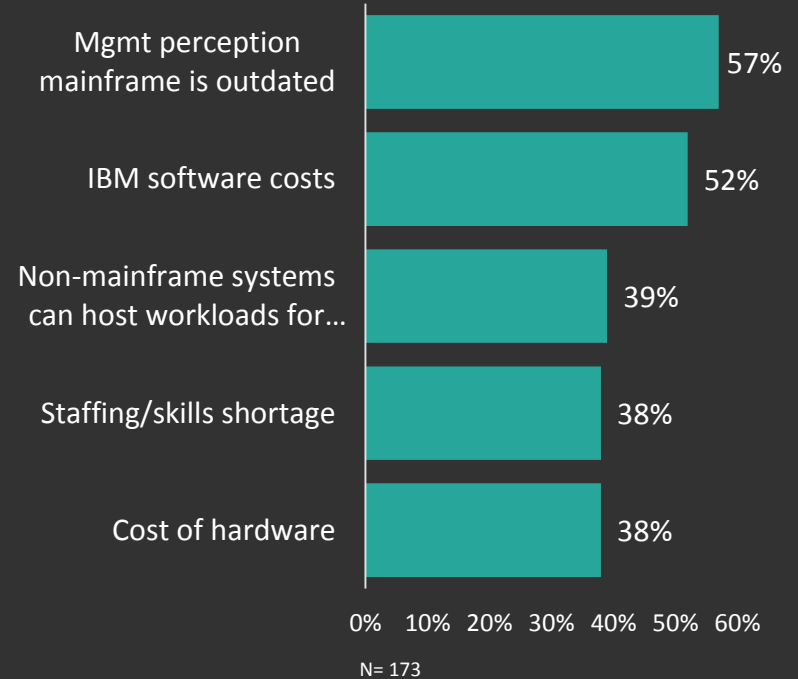


Institutional Disruptors: Perception

What is your perception of the industry-wide future of the mainframe?



Why is your company planning to eliminate the mainframe or decrease MIPS?



Institutional Disruptors: Scope of Responsibility

Scope



Cross-domain Responsibility

Workforce Skills Concerns



71% have some

BMC 2014

Mainframe Survey



Workforce Skills

Plans To Address



Hire College
Graduates



Automation



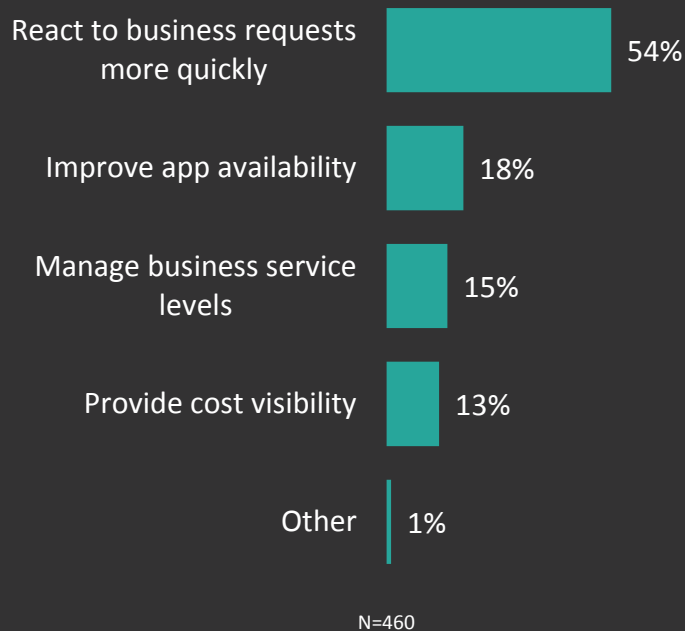
Utilize More
Software Tools



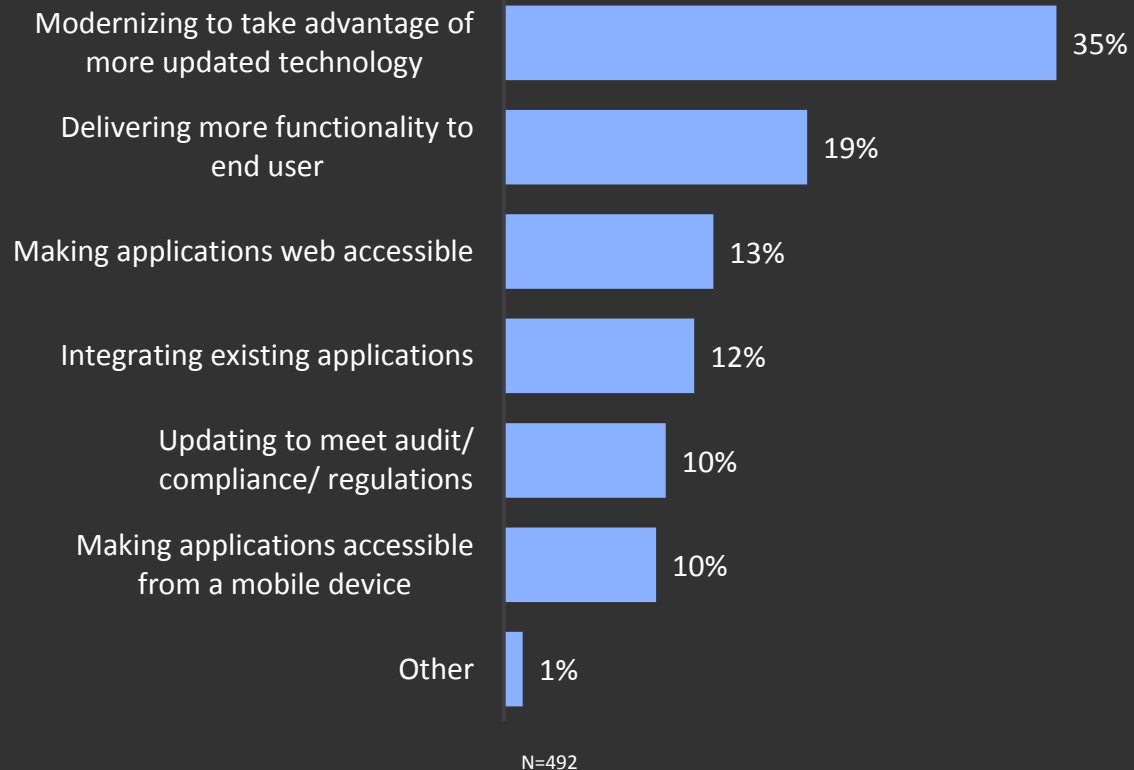
Cross-train

Institutional Disruptors: Business/IT Alignment

What are your top issues for Business/IT alignment?



What are your top issues for Modernizing applications?

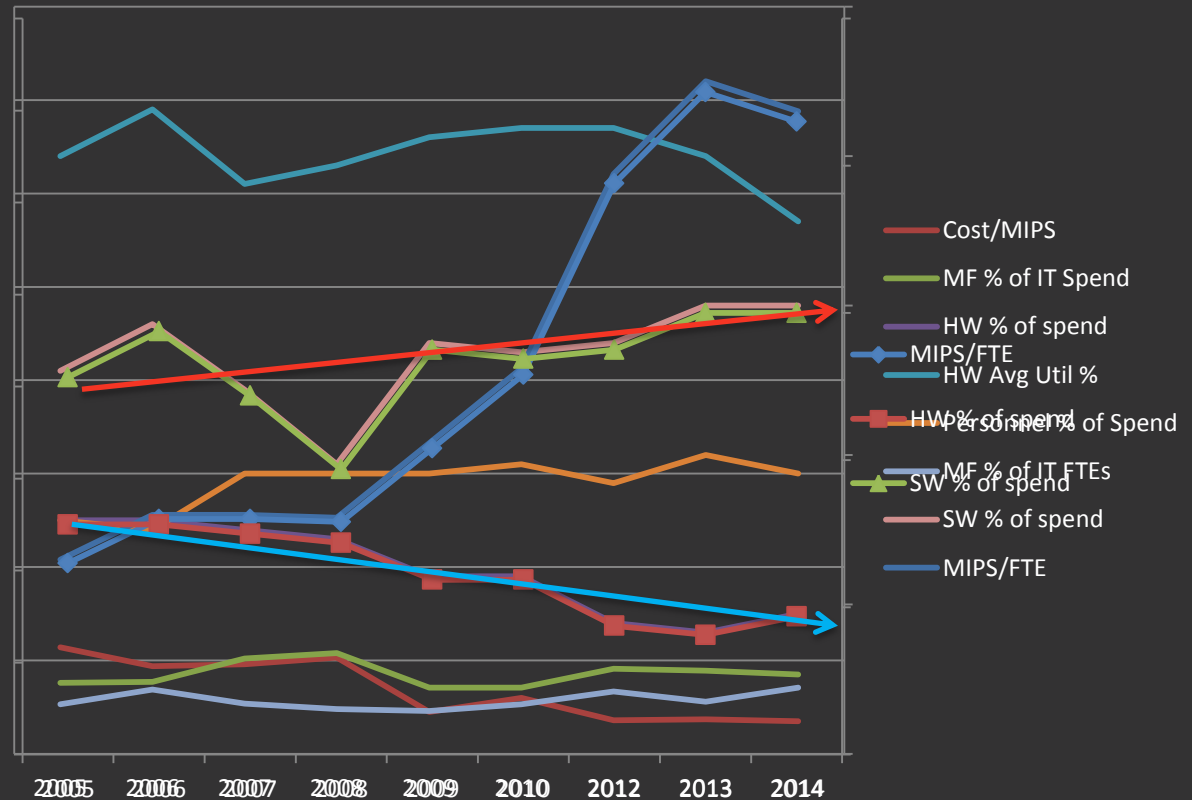


Economic Disruptors: Platform Economics

- Cost Optimization (71%)
- Availability (52%)

What is driving platform economics?

Key Mainframe Metrics 2005 - 2014



Source: Industry Data

Evolution of Knowledge



Evolution of Execution



Manual



Run Books



Basic
Automation



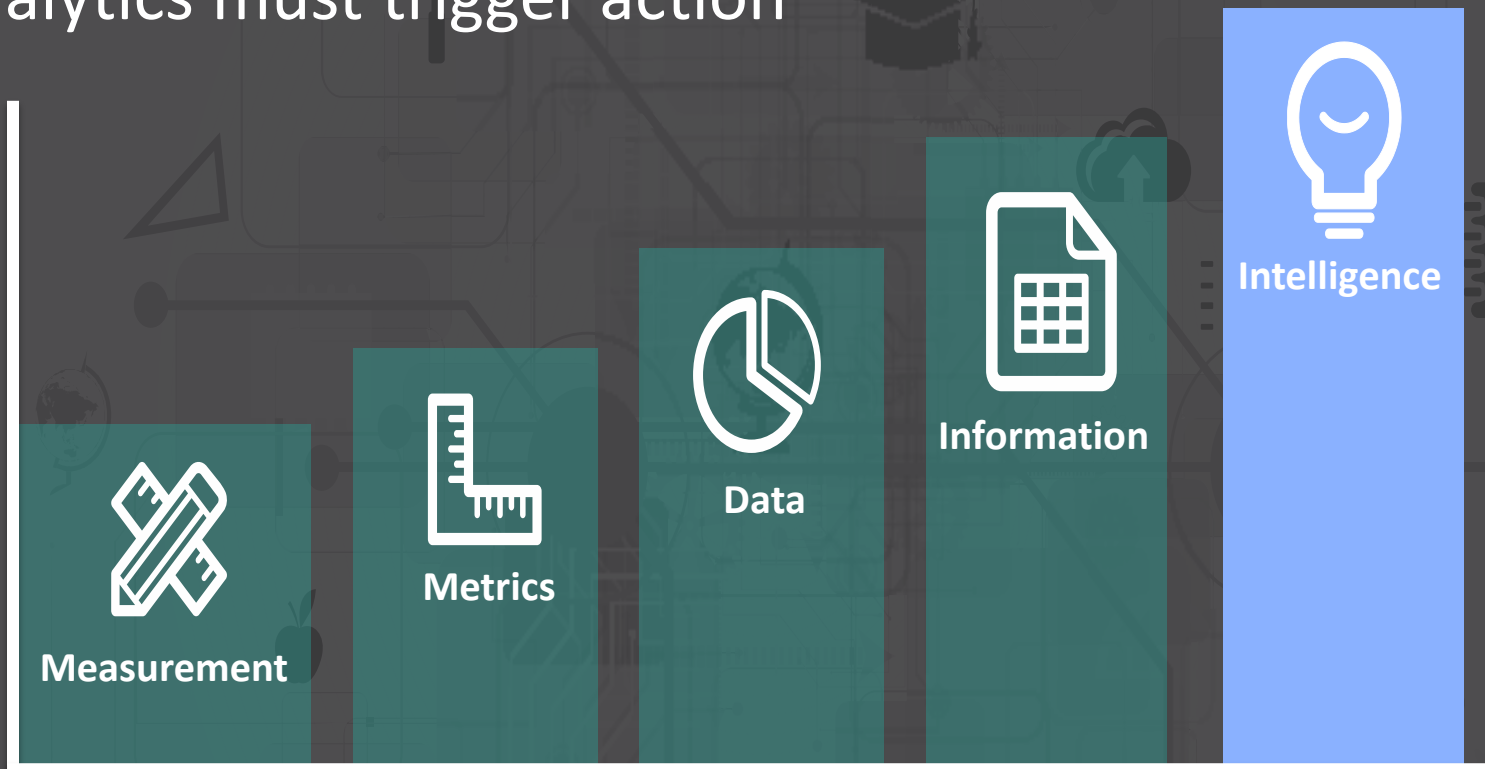
Complex
Automation

Evolution of Economics



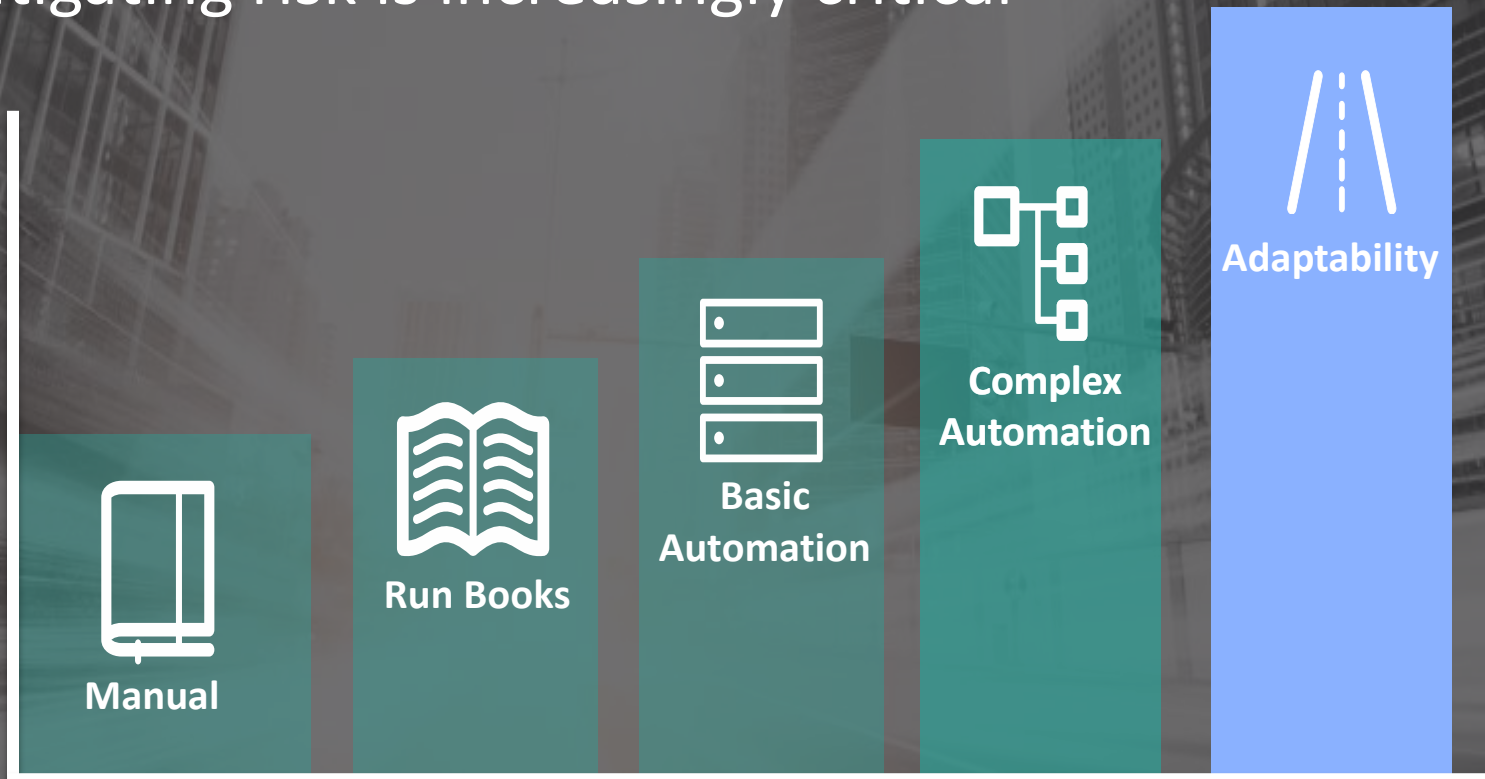
Evolve to **Intelligence**

- Quality of experience will define winners
- IT becomes a business enabler
- Analytics must trigger action



Evolve to **Adaptability**

- The pace of change will accelerate
- Agility is the hallmark of successful transformation
- Mitigating risk is increasingly critical



Evolve to **Invisible Infrastructure**

- Know role of z in economics of the business
- Consider formula for QoE vs CoE
- Identify cost drivers



Some Ideas for IT Success

- Intelligence that leads to action
- Embrace new UIs and approaches
- Look for automation that adapts
- Help business become more agile
- Question your risk posture
- Continually optimize infrastructure



z Systems Digital Transformation Is Really About **Impacting Lives**



**Travelers Compare
Flight Prices**



**Shoppers Purchase
Quickly**

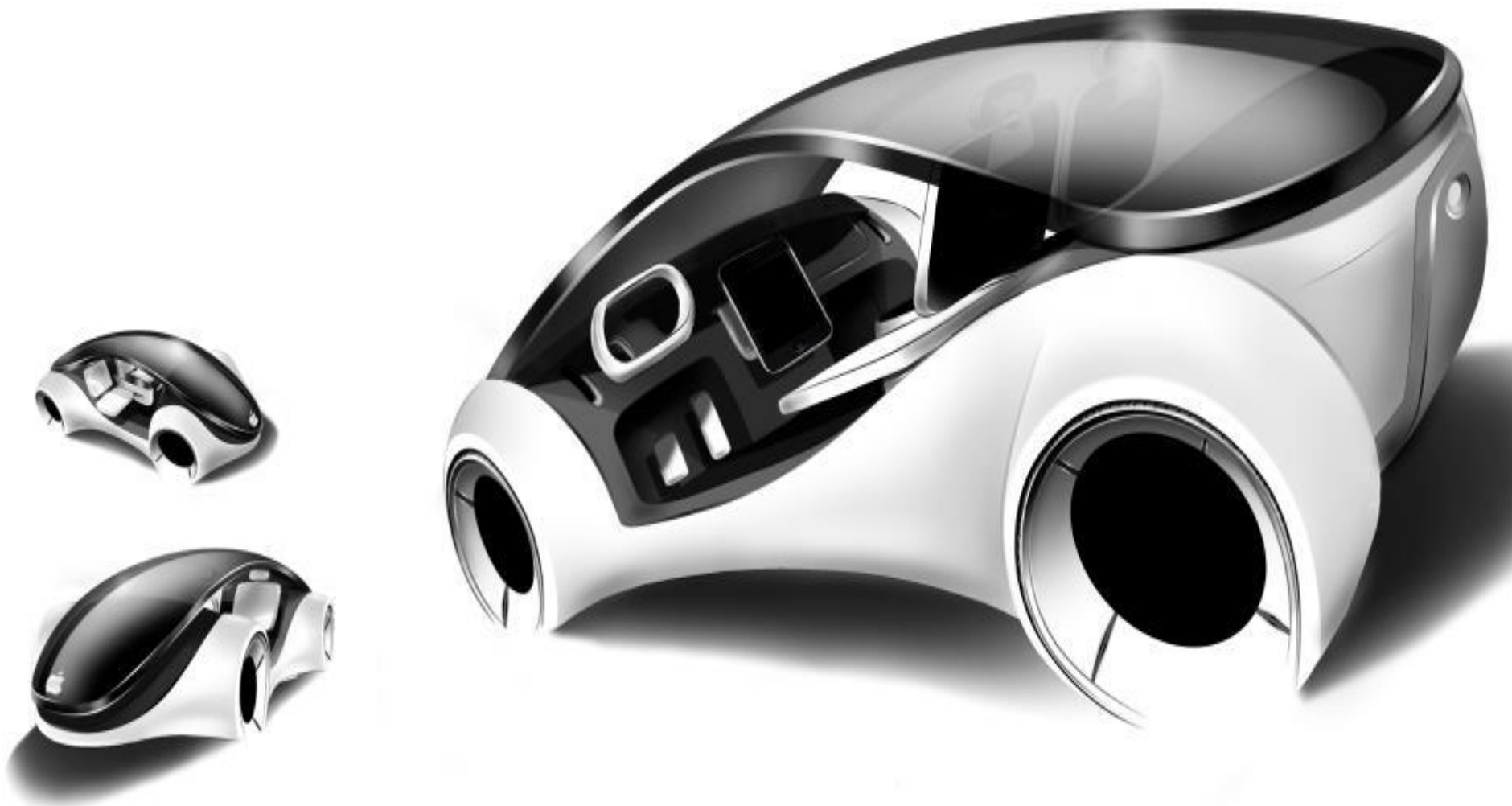


**Doctors Rely on Medical
Records**

The **Digital Tomorrow** Is Here Today

- Disruptive forces driving Digital Transformation
- Accelerate IT by evolving
 - Knowledge through Intelligence
 - Execution through Adaptability
 - Economics through Invisible Infrastructure
- z Systems can lead the transformation:
 - Six ideas for IT success
- z Systems – and what we do - impact lives

Apple iCar





bmc

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Bring IT to Life

