How to Know When You are Cloud Ready

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Purpose

The benefits of moving GIS to the cloud appeal to you but is it practical for your organization? Attend this talk to understand what moving to the cloud involves and how to prepare.

…and Key Take Aways

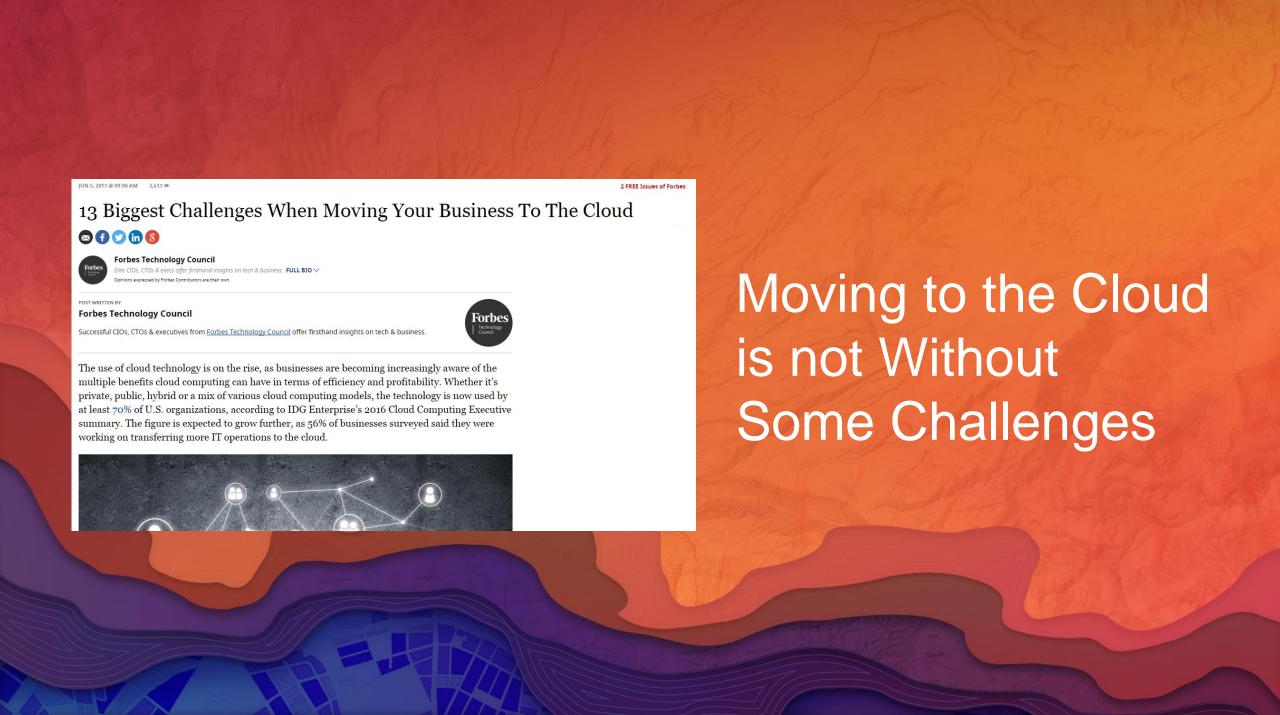- What are the benefits of the cloud?
- What should organizations consider when moving to the cloud?
- How does Esri help organizations prepare?

The Benefits of the Cloud

Cost savings

Flexibility and scalability

Increased security

Shorten time to value

Shared accountability

Try before you buy

Access to innovation

How has the market responded to these benefits?

70% of organizations have at least **one application in the cloud.**

16% have plans to do so **within 12 months.**

Additionally 56% of organizations are still identifying IT operations that are candidates for cloud hosting

13 Biggest Challenges When Moving Your Business To The Cloud

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Forbes Technology Council

Successful CIOs, CTOs & executives from Forbes Technology Council offer firsthand insights on tech & business.

The use of cloud technology is on the rise, as businesses are becoming increasingly aware of the multiple benefits cloud computing can have in terms of efficiency and profitability. Whether it's private, public, hybrid or a mix of various cloud computing models, the technology is now used by at least 70% of U.S. organizations, according to IDG Enterprise's 2016 Cloud Computing Executive summary. The figure is expected to grow further, as 56% of businesses surveyed said they were working on transferring more IT operations to the cloud.

Moving to the Cloud is not Without Some Challenges

The 13 Challenges

1. **Getting it Right**
2. **People and Processes**
3. **Having a defined Strategy and Business Objectives**
4. **Getting over the Physiological Barriers**
5. **Time, Cost, and Security**
6. **Not Getting Caught Up in the Hype**
7. **Changing Management**
8. **Dependable Technological Architecture**
9. **Accurate Estimating Costs**
10. **Modifying the Architecture of Cloud Services**
11. **Translating Security Posture to the Cloud Environment**
12. **Determining Whether to Lease or Own**
13. **Connecting Legacy Systems with Cloud Applications**

Are you Cloud Ready?

Organizational Considerations

Key areas of consideration

Business	Technology	Organizational
Financial	Performance	Skills
Focus	Flexibility	Efficiency
Flexibility/Agility	Infrastructure	Staffing
In-source vs. Out-source	Cloud Mandate	Transactional costs/friction
	Systems integration	

Esri Cloud Readiness Assessment

Helping you determine where you're ready and where you'll need to pay extra attention

- 15-20 minute exercise

- Walk away with assessment and recommendations

- Areas covered:
  - Readiness/Preparation – Organizational Readiness and Data Management Practices
  - Logistics/Integration – Systems Integration and Workflow Integration
  - Application Development – General practices and customer applications
  - Architecture – Security and Use patterns

What did we learn?

Benefits of the Cloud

- Cost savings
- Flexibility and scalability
- Shorten time to value
- Shared accountability
- Try before you buy
- Increased security
- Access to innovation

Considerations

- Business
- Technology
- Organizational

Help at UC

Esri Cloud Readiness Assessment

- In the services area

  or

- ArcGIS Enterprise