BiT
software

EBOOK

8 Business Drivers That Motivate Cloud Migrations

How BITSoftware and AWS help businesses achieve their goals

aws partner network
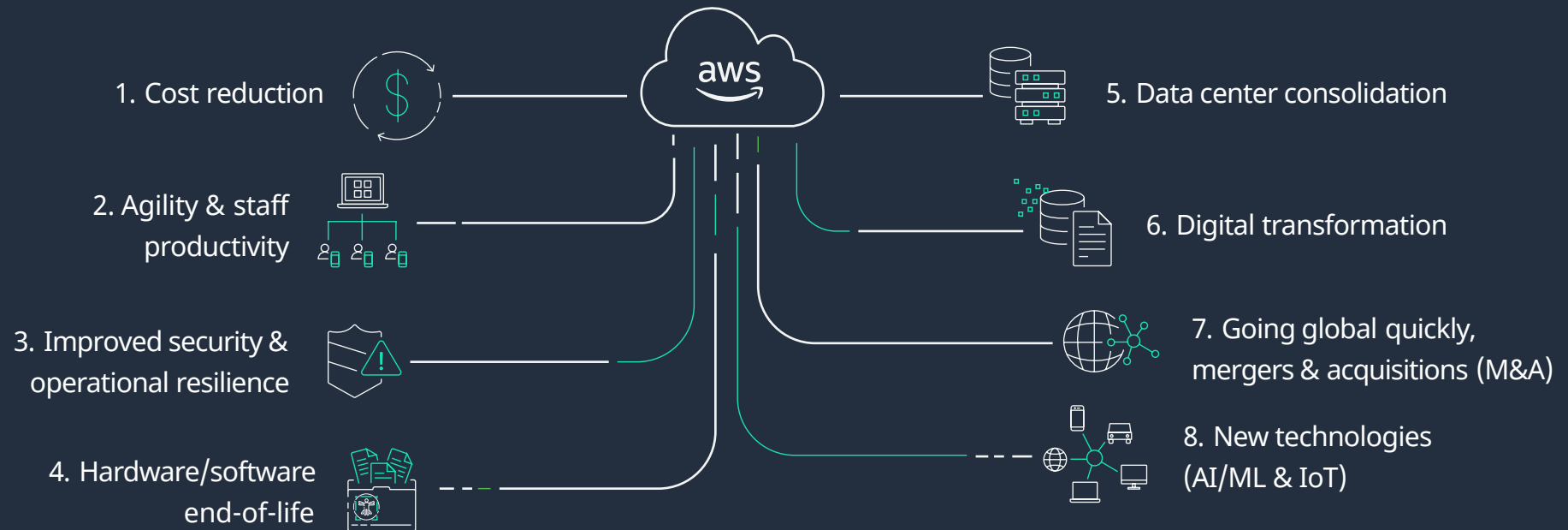
Table of contents

Why cloud, why now?

By migrating some or all of their digital assets to the cloud, businesses can achieve transformational results. They can move and innovate faster, modernize aging infrastructure, scale globally, get better insights from their data, and restructure organizational models to create better customer experiences.

Over its 13+ years of experience helping thousands of organizations successfully migrate to the cloud, AWS has observed eight business drivers that emerge as the most prevalent motivators for migration.

Business drivers for migrating to the cloud

1. Cost reduction

2. Agility & staff productivity

3. Improved security & operational resilience

4. Hardware/software end-of-life

5. Data center consolidation

6. Digital transformation

7. Going global quickly, mergers & acquisitions (M&A)

8. New technologies (AI/ML & IoT)
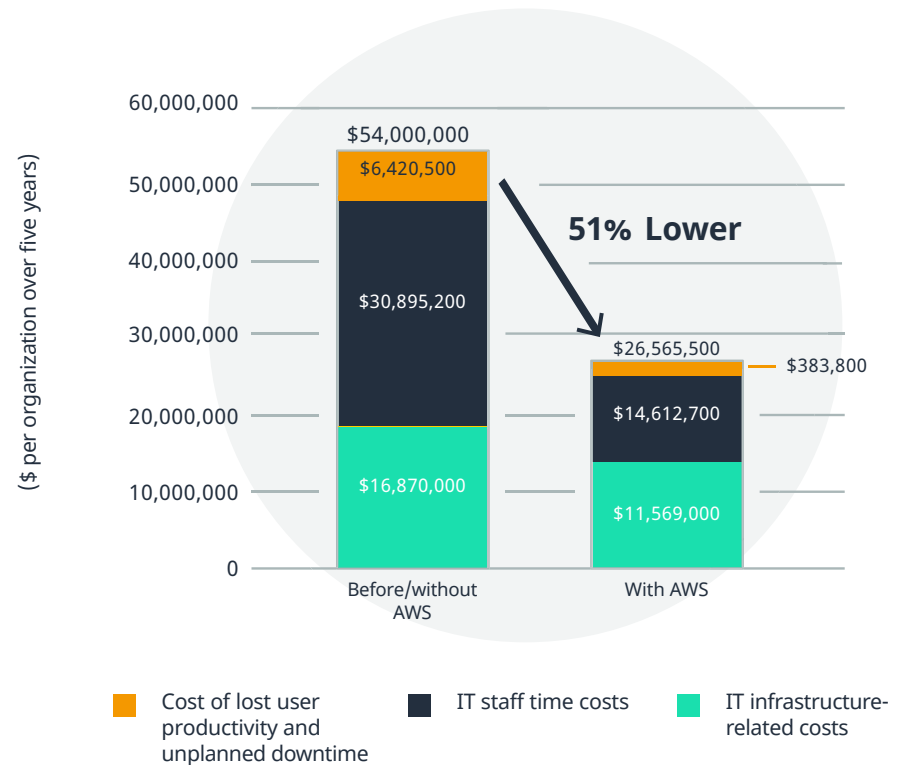
1. Cost reduction

Cost reduction is a major migration motivator, as retiring legacy infrastructure in favor of more efficient AWS solutions is virtually certain to bring costs down.

IDC projects:[1]

51%
reduction in operational costs

31%
lower 5-year TCO

Five-Year Cost of Operations Using AWS

($ per organization over five years)

Before/without AWS: $54,000,000
- Cost of lost user productivity and unplanned downtime: $6,420,500
- IT staff time costs: $30,895,200
- IT infrastructure-related costs: $16,870,000

51% Lower

With AWS: $26,565,500
- Cost of lost user productivity and unplanned downtime: $383,800
- IT staff time costs: $14,612,700
- IT infrastructure-related costs: $11,569,000

Legend:
- Cost of lost user productivity and unplanned downtime
- IT staff time costs
- IT infrastructure-related costs

1 https://pages.awscloud.com/rs/112-TZM-766/images/AWS-BV%20IDC%202018.pdf?aliId=1614258770

2. Agility & staff productivity

Flexible AWS architecture improves business agility, while automation allows staff to increase the pace of innovation and dedicate more time to important tasks.

Agility

18.8%
faster time-to-market[3]

33.8%
higher app revenue per user[3]

26.4%
more features and fixes per release[3]

Productivity

62%
better IT staff productivity[3]

After 3+ years on AWS, the average IT admin can:

Gain
3.3x
better IT staff productivity[3]

Gain
3.2x
more terabytes of data[3]

3 https://d1.awsstatic.com/executive-insights/en_US/infographic-realizing-business-value-with-aws.pdf

3. Improved security & operational resilience

Migrating and modernizing with BITSoftware and AWS hardens security to help protect against cyber attacks, define and manage access policies, and prevent unauthorized disclosure and modification using encryption and policy-driven controls. AWS also helps ensure resiliency, providing high availability with virtually unlimited failover capacity.

Security

43.4%
fewer monthly
security
incidents[5]

Resilience

7x
less
downtime[6]

5 500 AWS Customers. AWS Benchmarking, August 2018
6 https://pages.awscloud.com/rs/112-TZM-766/images/AWS-BV%20IDC%202018.pdf?aliId=1614258770

4. Hardware/software end-of-life

Many organizations migrate to AWS due to the end-of-life (EOL) of their hardware/software licensing and/or support. These companies see the cloud as an opportunity to improve depreciating capabilities and to end or shorten refresh cycles. This is especially compelling for organizations running Windows workloads and applications. AWS runs nearly 2x more Windows Server instances than the next largest cloud provider, according to an IDC report.

Migrate Windows-based environments to AWS and achieve, on average:[7]

442%
Five-year ROI

9-month
break-even point

56%
Cost savings

7 https://d1.awsstatic.com/analyst-reports/Business%20Value%20of%20Efficiently%20Running%20
   High-_Performing%20Windows%20Workloads%20in%20the%20AWS%20Cloud.pdf

5. Data center consolidation

Organizations can spend less time managing data centers and more time running
their businesses by migrating to AWS with BITSoftware.

6. Digital transformation

Migrating to AWS with BITSoftware helps businesses achieve digital transformation by
boosting agility, enabling broader use of advanced technologies, and facilitating
culture change.

7. Going global quickly, mergers & acquisitions (M&A)

When BITSoftware customers choose to migrate to AWS, they gain access to a global network of data centers – enabling rapid, strategic scalability. AWS also makes it easier to integrate digital assets, shortening and streamlining M&A procedures.

Explore the full breadth and depth of AWS Global Infrastructure>>

AWS Global Infrastructure:

- **24** worldwide regions
- **77** availability zones
- **245** countries and territories

Regions
Coming soon

8. New technologies (AI/ML & IoT)

Migrating to AWS with BITSoftware is a more economical and practical solution for meeting the data storage and computational requirements of emerging technologies such as artificial intelligence/machine learning (AI/ML) and Internet of Things (IoT).

Intuit can deploy machine learning models

90%

faster[8]

Vantage Power can process

100,000+

data points per minute across its IoT ecosystem[9]

AI Services

Vision			Speech		Language		Chatbots	Forecasting	Recommendations
Amazon Rekognition Image	Amazon Rekognition Video	Amazon Textract	Amazon Polly	Amazon Transcribe	Amazon Translate	Amazon Comprehend	Amazon Lex	Amazon Forecast	Amazon Personalize

ML Services

Amazon SageMaker	Ground Truth	Notebooks	Algorithms + AWS Marketplace	Reinforcement Learning	Training	Optimization	Deployment	Hosting

ML Framework + Infrastructure

FRAMEWORKS	INTERFACES	INFRASTRUCTURE						
TensorFlow mxnet PyTorch	GLUON Keras	Amazon EC2 P3 & P3DN	Amazon EC2 G4	Amazon EC2 C5	Amazon FPGAS	AWS IoT Greengass	Amazon Elastic Interference	AWS Inferentia

8 https://aws.amazon.com/solutions/case-studies/Intuit/
9 https://aws.amazon.com/partners/success/vantage-power-luxoft/

Migrating to AWS with BITSoftware

Based on more than 27 years of experience in the field, BITSoftware is developing and implementing fully functional ERP, CRM and Business Intelligence (BI) solutions.

BITSoftware has the experience to migrate critical workloads to, from, and within the public, private, and hybrid cloud environments. We help customers to move existing apps to the public cloud efficiently and with minimal risks.

Benefits of migrating to AWS with BITSoftware

Cloud migrations with BITSoftware and AWS create value and reduce the risk

Whether you want to improve productivity, add operational resilience, or increase business agility, BITSoftware and AWS have a set of proven tools and resources to help accelerate and streamline your cloud migration.

When you migrate with BITSoftware, you get the support and assurance you need for a successful streamlined migration.

BITSoftware and AWS work alongside you to develop an optimized migration path so your applications can be modernized quickly and safely to meet changing needs.

AWS—the best choice for any migration motivation

No matter what motivates businesses to migrate to the cloud—one of the eight drivers described in this eBook, any combination of them, or something else entirely—BITSoftware and AWS can help them achieve their objectives quickly and efficiently.

With the best software, services, and support, AWS enables smart, strategic migrations for businesses of every shape and size.

Ready to get started?

Talk to our experts and get all the answers to your cloud migration journey.

Learn more about solutions to migrate with AWS

Evaluate your Cloud readiness with our assessment tool

Assess your migration readiness

Best practices to make your cloud migration a success